CHAPTER 5: REFERENCES

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CHAPTER 6: APPENDICES

APPENDIX

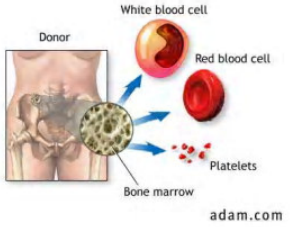
Autologous transplant

- Cells are collected weeks or months ahead of transplant and frozen in liquid nitrogen
- high dose chemotherapy used for disease control or cure

Allogeneic (using another person as a donor)

- Standard transplant
  - chemotherapy used to cure the disease
- Mini transplant
  - lower dose of chemotherapy
  - relies on the donor's cells to cure the disease
  - therefore takes longer for disease control

What are stem cells?



How stem cells are collected

- For a normal donor, injections of a hormone known as G-CSF for 4 days before collection
- For a patient, chemotherapy followed by G-CSF for up to 10 days before collection

Donor procedure

- general health checkup
- blood tests
- explanation
- organisation of the donation process

Pre-transplant tests for patients

- blood tests
- kidney and heart tests
- lung tests
- electrocardiograph
- bone marrow biopsy
- lumbar puncture
- dental assessment

Each patient receives individualised treatment pre-transplant (known as conditioning treatment)

Conditioning treatment can consist of

- chemotherapy
- radiation treatment or
- a combination of both

Admission

- confirmation
- central line inserted
- pre-transplant treatment begins

David Gottlieb

Transplant Haematologist

The Medical Team

- Specialist haematology and transplant doctors
  - Profs. Bradstock, Gottlieb, Hertzberg, Kerridge, Svennilson
- The registrar (specialist in training)
- Junior doctors (resident doctor)
- Other doctors asked for advice

Who and when of care

- daily ward round by registrar and resident
- ward round by specialist three times a week
- weekly "grand" round by all four specialists and other junior doctors plus Mary McGurgan, nursing, pharmacy, dietetic and other staff
- weekly Unit meeting on Wednesday morning when your case is discussed by all members of the Haematology Unit

How to "talk to" the doctor looking after you

- arrange a meeting through the junior doctor, nurse, social worker or (you can ask anyone to convey a message)
- contact the doctor directly via their secretary, FAX or email

Your Nursing Team

Day 0 (the day of the transplant)

- This is the 'easiest' day and may even be an anti-climax. It isn't an operation like a heart or liver transplant
- The donor cells are infused into your vein just like a blood transfusion over about one hour and the cells find their own way into your bone marrow
- then we wait for them to grow and come out into the blood (usually takes around 2 to 4 weeks)

Post-transplant nursing care

- Nurses and medical staff closely monitor your progress looking for problems like infection, bleeding or graft versus host disease
- You may be treated with blood transfusion, antibiotics, intravenous fluids and other medications

Your hospital stay

- patients will be advised not to leave ward during their stay
- visitors
  - restricted to immediate family/close friends **only two at any one time**
  - not from people with any signs of coughs or colds
  - children under 12 may not visit

The isolated environment

- no flowers or pot plants
- wash hands before entering ward
- buzz for entry
- boredom - bring in books, videos, photos from home (but not too much clutter)
- isolation - restricted visiting, close contact with nurses, lack of privacy

What can be done to control the development of infection?

- hand washing by all visitors and staff
- wearing of gowns/aprons by all entering your room
- minimise clutter in rooms
- restrict visiting between rooms

Predicting the outcome of the transplant

your transplant physician will give you a statistical chance of success but he cannot be certain what will happen in any individual case

How will you be followed up after the transplant?

- Allotransplants
  - For allotransplant patients, you will need to be seen at least weekly for up to 3 months in ward D5a at Westmead (if you live outside Sydney it is likely you will have to stay locally during this time)
  - If you are well at the end of this time, you will be seen in the long term follow up clinic less frequently (once every 2 to 6 weeks most commonly)
  - If you are not originally a Westmead Hospital patient, your care may be shared with your referring haematologist

How will you be followed up after the transplant?

- Autotransplants
  - You may come to ward D5a once or twice after your initial discharge
  - If you are well, you will be asked to follow up with your treating haematologist

Will I need to be seen once I am well again?

- you will still need to be seen regularly even years after your transplant but only infrequently
- this is to monitor for potential long term side effects of the treatment that has been given to you

When will you know that you are alright ie. when is the transplant a success?

- for most people, 12 months is an important point BUT complications can occur even after this
- most complications (but not all) occur within the first 6 months after the transplant

Heather Kenny

Transplant Nurse

Emotional responses also frequently include...

- Hope
- Determination
- Renewed appreciation of life
- Increased closeness to others

"Coping"

- This is an *extraordinary* event in your life - one that *everyone* needs support with.
- There is no 'right' or 'wrong' way to cope.
- Everyone brings their own unique life experience and ways of coping as they embark on treatment.

Surviving this ordeal

- Think about what has helped you cope with hard times in the past.
- Ask for help, eg. ask to see the psychologist or the social worker if you're feeling down. (This goes for family members too.)
- Accept help that is offered from family or friends (don't be too proud).
- Don't expect yourself to cope perfectly (it's not possible to be positive all the time).
- Don't block out people, or negative thoughts, too much.

CONCLUSIONS

- This is a *life-changing process* for everyone concerned.
- It will stretch anyone's coping resources.
- There are emotional support staff for you in your team - so use them when they see you.
- It is also an *eye-opening process* that can have a positive impact, by giving a new perspective on yourself, your relationships, and on life.

Morning Tea

David Collins
Clinical Nurse Consultant

Some things will happen to everyone having a transplant

These can result in different effects ranging from mild to serious side effects

- low red blood cell count - anaemia, tiredness, breathlessness
- low white blood cell count – weakened resistance to infection
- low platelet count - bleeding eg. bleeding from lungs, bowel or around brain

- infections can require very strong antibiotics
- response to antibiotics may be less reliable
- recovery can take longer than for normal individuals
- if it affects the lungs, can lead to admission to the intensive care unit for help with breathing

Show and tell

- Central lines
- Nasogastric tube

David Gottlieb
Transplant Haematologist

Complications

- relapse
- graft versus Host Disease
- others
- fertility

Relapse or recurrence

- the original disease can come back after the transplant
- this happens in around 15% of transplants
- further chemotherapy or infusions of cells from the donor are sometimes given

On the look-out for

Graft versus Host Disease (GVH or GVHD)

The donor's cells attack the patient

The donor is giving you not only new blood but also a new immune system. When the donor's immune system cells grow in the patient sometimes they attack the patient's tissues

"But aren't I matched?"

Graft versus host disease

- can occur soon after the transplant
- can occur long after the transplant has happened
- can occur both
- can occur neither

Acute graft versus host disease

(occurs within the first 3 months of transplant from another person)

- Skin rash
- Nausea, vomiting, diarrhoea, weight loss
- Turning yellow, feeling sick

Can vary enormously in severity

Chronic graft versus host disease

Can persist or develop months or years after the transplant

- skin thickening and scarring or changes in skin colour
- sore mouth
- diarrhea, weight loss
- shortness of breath
- frequent infections
- dryness and irritation of eyes and/or mouth

Treatment for graft versus host disease

- prednisone (a type of steroid)
- other medications to make the donor's cells less active (called immunosuppressive drugs)

Unfortunately these medications increase the risk of infection

Graft versus host disease can be good

- the cells causing graft versus host disease attack the disease as well as the normal tissues
- patients with graft versus host disease have a smaller chance of having their original disease come back

Other complications

A small number of patients might get one of these complications days to weeks after transplant

- kidney damage (due to medications)
- liver damage due to blood clots
- inflamed bladder (bleeding into the urine)

A small number of patients might get one of these complications weeks to years after transplant

- hearing or balance problems (due to antibiotics)
- cataracts*
- incomplete hair regrowth*
- another type of cancer

* More common in patients receiving radiation treatment as part of their transplant

Fertility can be diminished by transplantation

- Many but not all patients having transplants will become infertile
- *All* patients having total body irradiation will become infertile
- Banking of sperm or eggs may offer the chance for pregnancies after transplantation

Whether you get complications or not depends on

- the specific type of disease you have
- the treatment you have had in the past
- your age
- the treatment you receive immediately before the transplant
- whether you need to be on strong medicines for a long time

Some complications

- can be serious
- can occur suddenly
- can progress quickly

Plan to make any important decisions early when you are well - when you become ill is not the time to have to think quickly and clearly

If cure or disease control becomes impossible we will continue to look after you

- giving the best possible care
- preventing and treating pain, anxiety and depression
- providing the best possible quality of life

Mark Schifter
Oral Medicine Specialist/Dentist

Pre-Transplant Mouth Care

- check-up with a Dentist
  (clean, scale, x-rays)
  - preferably you own local Dentist
- *but*, only if you are well enough
  - stable/recovering blood counts
  - if you or your Dentist is in doubt
    contact a member of the Transplant Team

Sore mouth after transplant is quite common (called mucositis)

Prevention:

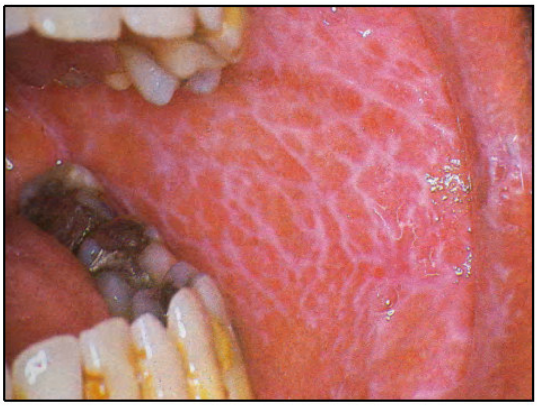
- mouth-washes: sodium bicarbonate (baking soda)
- stop using your toothbrush
- better drugs to stop nausea and vomiting

Mucositis: pain and symptom control

- ice chips
- topical "numbing" drugs
- strong pain killers
  - patient controlled analgesia (push the button yourself when you require pain relief)
  - drugs like morphine (you don't become addicted)
- suction used to draw saliva from the mouth

Possible effects on the mouth after a transplant

- dry mouth
  - less saliva can be a nuisance
- altered/reduced taste
- chronic graft vs host disease (GvHD)
  - may need biopsy
  - long term follow up with dentist required



Gian Casimir

Lunch

Trish Ferguson
Infectious Disease Specialist

Lung infections

- Common - 25% in the first 3 months
- Over half are caused by VIRUSES
- Viruses: "Healthy" people – "cold"
  - Family
  - Friends
  - Staff
- After a Transplant – can get very sick

What can we do to stop
YOU
getting a respiratory viral infection?

Flu Vaccine

- BMT patients can't have flu vaccine until 6 months after BMT
- Family, housemates, staff (encourage your visitors to have the flu vaccine before the transplant)
- Yearly vaccinations
- Potential problems
  - "The flu vaccine gives me the flu"
  - "I never get sick"
  - "I'm allergic to the flu vaccine"

Stay away if signs of a viral infection (especially children who get lots of viruses)

- Cough
- Runny nose
- Stuffy nose
- Sore throat
- Watery eyes
- Fever

- Family
- Friends
- Staff
- Question all visitors coming to ward
- Hand washing

Tell your doctors and nurses

Stop the spread of respiratory viral infections on the Haematology Ward

- Early testing
- Isolate patients with a proven viral infection
- "Infection Control"
  - Gloves
  - Gowns
  - Masks

Annette Polizois
Social Worker

How the Social Worker can help

- Counselling and emotional support
- Family and Carer Stresses (impact on relationships and children)
- Financial Concerns
- Providing links to hospital and community services
- Practical issues like accommodation and transport

Some important things you need to consider before you come into hospital

- Make a list of things to consider (eg care of children, pets, possessions etc)
- If you have children consider ways of preparing them for your absence while in hospital and plan for ways of maintaining contact with them while in for transplant
- Ask about transport and accommodation for yourself and family
- Make arrangements for someone to care for you during your recovery period at home after discharge
- most people should have a list of instructions they have given to their closest relative or friend
- most adults should see a solicitor and consider financial advice before admission

Some useful tips to help you while in hospital

- Focus on one day at a time
- Set small manageable goals
- Relaxation strategies/techniques
- Seek out information
- Accept offers of support from family and friend (even directly suggest ways they might help you like make a wish list)

For families and friends

- Being the main carer can be very hard
- Important to ensure that you, the carer, are being supported (you can ask help from the social worker or psychologist just like the patient)
- Carers need to look after themselves and have "time off"

What to say and how to act ... for family and friends

- Offer support and encouragement but don't overdo it
- Be a good listener if the patient feels like talking (if you're not sure just ask)
- Just be there if they don't feel like talking
- Don't stop the patient from expressing negative thoughts
- If you're finding it difficult to keep visiting, see the social worker

Some useful Resources

- Leukaemia Foundation
- Cancer Council
- Canteen
- Bone Marrow Transplant Group
- Living with Cancer Group
- Look Good, Feel Better
- Carers NSW
- Legal Service

Victoria Mitchell
Dietitian

Nutritional Support for Haematology Transplant Patients

- Aim Of Nutrition Support
  - Maintain healthy weight and provide optimal nutrition
  - Initial assessment
    - Usual weight and recent changes, height
    - Usual meal plan and food preferences
    - Use of supplements e.g. vitamins ,minerals, herbs
  - Education
    - Healthy diet
    - Nutritional supplements available
    - Diet modifications for specific symptoms

Nutritional Support for Haematology Transplant Patients

- Regular Review and On-going Care
  - Diet modifications for specific symptoms
    - Nausea and Vomiting
    - Poor appetite
    - Diarrhea
    - Sore mouth/ Mucositis
    - Naso-gastric feeding tube
    - TPN (intravenous nutrition)

Nutritional Support for Haematology Transplant Patients

- Hospital Food Service
  - One week cycle menu
  - Daily menu is provided 24 hours in advance at 7 a.m. and collected at 9a.m (or later).
  - Meal times are approximately
    - Breakfast 7a.m.
    - Lunch 12 a.m.
    - Dinner 5 p.m.
  - Between meal beverages and snacks are available and encouraged
    - Supper 7p.m.

Nutritional Support for Haematology Transplant Patients

- Food Service Provisions
  - Flexible menu
    - multiple choices and "extras" list
  - Food from home
    - Is encouraged - remember safe food handling
    - Refrigerators and microwaves are available
    - Please label and date all stored food items
  - Contact with Food Service
    - General ward - diet aide daily
    - Acute care ward - dietitian or nursing staff

Nutritional Support for Haematology Transplant Patients

- Going Home after Allogeneic Tx
  - Side effects to conquer
    - Taste changes and poor appetite
    - Intermittent nausea and diarrhoea
    - Blood levels (potassium and magnesium)
  - Remember
    - Monitor body weight regularly
    - Continue safe food hygiene practices
    - Have regular review with dietitian

Nutritional Support for Haematology Transplant Patients

- Going Home after Allogeneic Tx
  - Report to Doctor or Dietitian if the following develop:
    - Difficulty swallowing food or medications
    - Weight loss
    - Persistent nausea or vomiting
    - Persistent diarrhoea

Nutritional Support for Haematology Transplant Patients

- After Discharge
  - Need more Information on nutrition ?

    Contact Dietitians

    Suzanne Hough or Victoria Mitchell
    - Telephone: 9845-6638
    - Appointments can be arranged
    - Regular review recommended

David Gottlieb
Transplant Physician

Some practical issues

- clinical trials
- giving blood for research
- donations
- health insurance

Clinical trials

- testing the best available treatment against one which may be better
- must be approved by the Ethics Committee of the Hospital
- must be accompanied by a Patient Information Sheet
- must give the patient the right to consider and if agreeable to withdraw at any time
- you could be asked to join more than one trial

Research blood samples

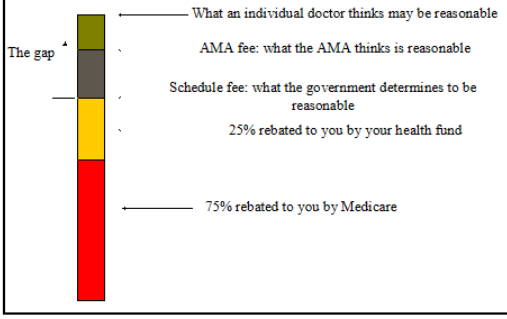
- both patient, donor and/or family may be asked to provide blood or marrow specimens for research
- you may refuse
- usually specimens are taken at the time when samples are taken as part of necessary hospital procedures
- up to 100 ml of blood may be taken (around 20% of a normal blood donation)
- research is conducted on a variety of topics but primarily the causes and treatments for leukaemia and lymphoma

today's research is tomorrow's treatment

Donating for research into blood diseases

- donations to our research efforts are essential
- we receive funding from state and federal governments on a competitive basis but these rarely cover all our costs
- research maintains the standard of patient treatment given in hospital
- if you or anyone else wants to donate, contact David Gottlieb (tel 9845 6033) or discuss with Mary McGurgan (tel 9845 7085)

Private Health Insurance - to use it or not?



Health insurance - common perceptions

- Pros
  - get better treatment
  - get a single room
  - get better service from the doctor
- Cons
  - gap payments
  - regular and multiple bills
  - frequent trips to Medicare and MBF/HCF etc

We encourage you to use private health insurance if you have it, but we don't offer to private patients:

- better treatment
- better care
- better food
- guaranteed single room

What we do offer to private patients

- no gap (Haematology Dept will cover any gap payment)
- knowledge that you help the ward (money comes back to benefit our ward)
- some extras
  - parking pass for first 3 weeks in hospital
  - TV
  - telephone card

What we offer to all patients

- excellent care
- state of the art treatment
- first rate support services
- commitment to ongoing improvement

We value your feedback. If you have a suggestion, complaint or compliment we want to know

- All letters (good and bad) from patients will be discussed at the monthly BMT Unit meeting (they should be addressed to Mary McGurgan, Ward C5b)
- Complaints about doctors, nurses or any other staff should be directed to the Patient Representative, Jillian Gwynne-Lewis, available via the Enquiries Desk in the foyer on Level 2 or to Annette Polizois, Ward C5a

Questions??

APPENDIX B

SYDNEY WEST AREA HEALTH SERVICE (Westmead Campus)

HUMAN RESEARCH ETHICS COMMITTEE

Research Office, Clinical Sciences
Westmead Hospital Campus
Westmead NSW 2145

Telephone: 02 9845 8183
Facsimile: 02 9845 8352
Email: researchoffice@westgate.wh.usyd.edu.au

Committee Secretariat:

Professor Stephen Leeder AO
Chairman
Professor of Public Health & Community Medicine

Dr Jim Hazel
Secretary
Medical Graduate - Endocrinologist

Committee Members:

Mr Leonard Burney
Layman

Mrs Patricia Fa
Clinical Trials Pharmacist

A/Prof Lorraine Ferguson AM
Nursing Research Unit

Mr John Fisher
Lawyer

Ms Janet Fox
Law Graduate

Ms Jillian Gwynne Lewis
Patient Representative

Dr Anthony Harris
Medical Graduate - Psychiatrist

Ms Vicki Hewson
Social Worker

Ms Jan Kang
Diversity Health Institute

A/Prof Ian Kerridge
Haematologist and Bioethicist

Ms Rada Kusic
Clinical Trials Manager

Rev Sarah Plummer
Minister of Religion

Mr John Shaw
Layman

Dr Geoff Shead
Medical Graduate - Surgeon

Dr Howard Smith
Medical Graduate - Endocrinologist

Mrs Carol Walsh
Laywoman

Ms Shane Waterton
Laywoman

In reply please quote:

RK/pme HREC2006/4/4.8(2331)

17 May, 2007

Dr Louise Sharpe
Clinical Psychology Unit (F12)
Department of Psychology
University of Sydney 2006

Dear Dr Sharpe

Research Proposal: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers

Thank you for your letter dated 26 April 2007 together with the following documentation for the above study, which was reviewed and approved by the SWAHS HREC Sub Committee at its meeting on 15 May 2007 :

- Prot. Amendment Version No.2 dated 19/4/07

Would you please ensure that any further amendments to this study are brought to the attention of the Human Research Ethics Committee.

Yours sincerely

Ms Rada Kusic
Secretary
Sydney West Area Health Service
HREC Sub Committee

University of Sydney

SYDNEY WEST
Area Health Service

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Consent to be Approached Regarding Research

The School of Psychology at Sydney University and Westmead Hospital are involved in research that aims to understand and improve people's experience of their treatment. The studies are approved by the Human Research Ethics Committee of the Sydney West Area Health Service and the University of Sydney Ethics Committee and have been discussed with clinicians at Westmead Hospital.

We are currently evaluating the patient education program for people undergoing haematopoietic stem cell transplants that you have been invited to attend to ensure that it is helpful in its current format.

We would like to give you the opportunity to participate in this research. To do this, we would like to provide the relevant researchers with your name, phone number and the reason you are coming to see the doctor. Agreeing to be contacted about research is NOT a commitment to participate in a study.

The research involves answering some questions over the phone, on three occasions, about your experiences with the patient education program. We would also like to ask your permission to talk with your carer if they are going to attend the information day with you. We have tried to keep the questions as brief as possible to minimize any inconvenience to you. We might later ask some of you to take part in a wider ranging interview.

If you give permission for your name and contact details to be given to the researcher, s/he will contact you about this particular study. You can refuse to participate in the study, if you wish. If you indicate this, the researchers will destroy their record of your name and contact details.

Your decision about whether or not to allow your name and contact details to be given to the researchers will not affect your treatment or your relationship with any of the medical or nursing staff looking after you.

If you are interested in being contacted about participating in this research, please complete the attached form and return it using the envelope provided. If you would like more information before making your decision, please do not hesitate to call Kate Wallbank on 90367264 during business hours.

This information sheet is for you to keep.

University of Sydney

SYDNEY WEST
Area Health Service

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

CONSENT FORM

I give permission for my name and contact details to be given to the researchers and for them to contact me. I understand that I am not obliged to participate in this study.

My name is: _____
(please print)

Signature: _____
(please sign)

My telephone contact numbers are: (h) (mob)

The best days/times to call me are:

Please return this form using the envelope provided.

SYDNEY WEST
Area Health Service

PARTICIPANT INFORMATION

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Short Title: Education and Haematopoietic Stem Cell Transplants

Chief Investigator:	**A/Prof Louise Sharpe**	**Department of Psychology, University of Sydney**
Co-Investigator:	**Kate Wallbank**	**Department of Psychology, University of Sydney**

What is the purpose of the study?

The aim of this study is to provide the first evaluation of a group patient education program for haematopoietic stem cell transplant (HSCT) patients and their carers.

Who will be invited to enter the study?

You have been invited to enter the study because you are a patient who will be attending an information day about HCST at Westmead Hospital.

What will happen on the study?

You will be contacted three times by telephone to answer a survey which will take approximately 20 minutes to complete. The first two telephone surveys will be one week apart. The third survey will take place 100 days post transplantation. The survey will ask questions about the level of support you have, your satisfaction with the information you have about HSCT, any distress that you may have been experiencing, your understanding of HSCT, and your illness perceptions. The researchers will ask your permission to access information from your medical records, such as your diagnosis and the duration of your illness. You will also be asked to give consent for the researchers to access your medical records in the future. Some people will be invited to an interview about how you found the education program and the information presented to help us make changes to the program that might be helpful to future patients.

Are there any risks?

There are no risks involved in participating in this study. Your medical treatment and your access to the education program will remain unchanged whether or not you volunteer for this study. All you will be asked to do will be to answer questions over the telephone on two occasions one week apart.

Are there any benefits?

There will also be no direct benefit to you from participating in this study. However, the results of the study will help us assess the benefits of education programs for people undergoing HCST and to make recommendations about ways to improve the education programs currently offered for future patients.

PARTICIPANT INFORMATION

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Confidentiality

All aspects of this study, including results, will be strictly confidential and only the researchers will have access to your personal information, except as is required by law. Any publication of the results from this study will only use de-identified information.

What will happen at the conclusion of the study?

After you have answered the three telephone surveys, you may be contacted once more at a later date to see if you are interested in taking part in a wider ranging interview. With your permission, we will review your file after a year to collect information about your current health. If you are interested in hearing the results of the study, we will be happy to send you the details when they are complete. We expect to finish this study between December 2007 and December 2008.

Do you have a choice?

Your participation in this study is entirely voluntary. If you choose not to join the study, or you wish to withdraw from it at any time, your medical care will not be affected.

Complaints

If you have any concerns about the conduct of the study, or your rights as a study participant, you may contact

Westmead Hospital Patient Representative, Ms Jillian Gwynne Lewis,
Telephone No 9845 7014 or email jillian_lewis@wsahs.nsw.gov.au

Contact details

If you have any problems while on the study, please contact

Kate Wallbank

Working hours Telephone No – 90367264

SYDNEY WEST
Area Health Service

CONSENT TO PARTICIPATE IN RESEARCH

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Name of Researcher: Ms Kate Wallbank

1. I understand that the researcher will conduct this study in a manner conforming with ethical and scientific principles set out by the National Health and Medical Research Council of Australia and the Good Clinical Research Practice Guidelines of the Therapeutic Goods Administration.

2. I acknowledge that I have read, or have had read to me the Participant Information Sheet relating to this study. I acknowledge that I understand the Participant Information Sheet. I acknowledge that the general purposes, methods, demands and possible risks and inconveniences which may occur to me during the study have been explained to me by Kathleen Wallbank ("the researcher") and I, being over the age of 16 years, acknowledge that I understand the general purposes, methods, demands and possible risks and inconveniences which may occur during the study.

3. I acknowledge that I have been given time to consider the information and to seek other advice.

4. I acknowledge that refusal to take part in this study will not affect the usual treatment of my condition.

5. I acknowledge that I am volunteering to take part in this study and I may withdraw at any time.

6. I acknowledge that this research has been approved by the Sydney West Area Health Service Human Research Ethics Committee.

7. I acknowledge that I have received a copy of this form and the Participant Information Sheet, which I have signed.

Before signing, please read 'IMPORTANT NOTE' following.

Name of participant _____ Date of Birth _____

Address of participant _____

Name of parent or person responsible(where applicable) _____

Address of parent or person responsible (where applicable) _____

Signature of participant _____ Date: _____

Signature of parent or person responsible (where applicable) _____Date: _____

Signature of researcher _____ Date: _____

Signature of witness _____ Date:_____

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

IMPORTANT NOTE
This consent should only be signed as follows:

1. *Where a participant is over the age of 16 years, then by the participant personally.*
2. *Where the participant is between the age of 14 and 16 years, it should be signed by the participant and by a parent or person responsible.*
3. *Where the participant is under the age of 14 years, then the parent or person responsible only should sign the consent form.*
4. *Where a participant is under a legal or intellectual disability, eg unconscious, then particular consent should be sought from the Human Research Ethics Committee as to whether the person should take part in the research.*

WITNESS:

I, _____ (name of witness)

of _____ hereby certify as follows:

1. I was present when _____ ("the participant") appeared to read or had read to him / her a document entitled Participant Information Sheet.

2. I was present when _____ ("the researcher") explained the general purposes, methods, demands and the possible risks and inconveniences of participating in the study to the participant. I asked the participant whether he/she had understood the Participant Information Sheet and understood what he/she had been told and he/she told me that he/she did understand.

3. I observed the participant sign the consent to participate in research and he/she appeared to me to be signing the document freely and without duress.

4. The participant showed me a form of identification which satisfied me as to his/her identity.

5. I am not involved in any way as a researcher in this project.

Name of witness _____

Address _____

Signature of witness _____ Date: _____

Relationship to participant _____

PARTICIPANT INFORMATION

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Short Title: Education and Haematopoietic Stem Cell Transplants

Chief Investigator: **A/Prof Louise Sharpe** **Department of Psychology, University of Sydney**
Co-Investigator: **Kate Wallbank** **Department of Psychology, University of Sydney**

What is the purpose of the study?

The aim of this study is to provide the first evaluation of a group patient education program for haematopoietic stem cell transplant (HSCT) patients and their carers.

Who will be invited to enter the study?

You have been invited to enter the study because you are a carer who will be attending an information day about HCST at Westmead Hospital.

What will happen on the study?

You will be contacted three times by telephone to answer a survey which will take approximately 10-15 minutes to complete. The first two telephone surveys will be one week apart. The third survey will take place 100 days post transplantation. The survey will ask questions about your understanding of HSCT, any distress that you may have been experiencing, and your experience of being a caregiver. Some people will be invited to an interview about how you found the education program and the information presented to help us make changes to the program that might be helpful to future patients.

Are there any risks?

There are no risks involved in participating in this study. The patient's medical treatment and access to the education program will remain unchanged whether or not you volunteer for this study. All you will be asked to do will be to answer questions over the telephone on two occasions one week apart.

Are there any benefits?

There will also be no direct benefit to you from participating in this study. However, the results of the study will help us assess the benefits of education programs for people undergoing HCST and to make recommendations about ways to improve the education programs currently offered for future patients.

PARTICIPANT INFORMATION

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Confidentiality

All aspects of this study, including results, will be strictly confidential and only the researchers will have access to your personal information, except as is required by law. Any publication of the results from this study will only use de-identified information.

What will happen at the conclusion of the study?

After you have answered the three telephone surveys, you may be contacted once more at a later date to see if you are interested in taking part in a wider ranging interview. If you are interested in hearing the results of the study, we will be happy to send you the details when they are complete. We expect to finish this study between December 2007 and December 2008.

Do you have a choice?

Your participation in this study is entirely voluntary. If you choose not to join the study, or you wish to withdraw from it at any time, the patient's medical care will not be affected.

Complaints

If you have any concerns about the conduct of the study, or your rights as a study participant, you may contact

Westmead Hospital Patient Representative, Ms Jillian Gwynne Lewis,
Telephone No 9845 7014 or email jillian_lewis@wsahs.nsw.gov.au

Contact details

If you have any problems while on the study, please contact

Kate Wallbank

Working hours Telephone No – 90367264

SYDNEY WEST
Area Health Service

CONSENT TO PARTICIPATE IN RESEARCH

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

Name of Researcher: Ms Kate Wallbank

1. I understand that the researcher will conduct this study in a manner conforming with ethical and scientific principles set out by the National Health and Medical Research Council of Australia and the Good Clinical Research Practice Guidelines of the Therapeutic Goods Administration.

2. I acknowledge that I have read, or have had read to me the Participant Information Sheet relating to this study. I acknowledge that I understand the Participant Information Sheet. I acknowledge that the general purposes, methods, demands and possible risks and inconveniences which may occur to me during the study have been explained to me by Kathleen Wallbank ("the researcher") and I, being over the age of 16 years, acknowledge that I understand the general purposes, methods, demands and possible risks and inconveniences which may occur during the study.

3. I acknowledge that I have been given time to consider the information and to seek other advice.

4. I acknowledge that refusal to take part in this study will not affect the usual treatment of my condition.

5. I acknowledge that I am volunteering to take part in this study and I may withdraw at any time.

6. I acknowledge that this research has been approved by the Sydney West Area Health Service Human Research Ethics Committee.

7. I acknowledge that I have received a copy of this form and the Participant Information Sheet, which I have signed.

Before signing, please read 'IMPORTANT NOTE' following.

Name of participant _____ Date of Birth _____

Address of participant _____

Name of parent or person responsible(where applicable) _____

Address of parent or person responsible (where applicable) _____

Signature of participant _____ Date: _____

Signature of parent or person responsible (where applicable) _____ Date: _____

Signature of researcher _____ Date: _____

Signature of witness _____ Date: _____

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers.

IMPORTANT NOTE
This consent should only be signed as follows:
1. *Where a participant is over the age of 16 years, then by the participant personally.*
2. *Where the participant is between the age of 14 and 16 years, it should be signed by the participant and by a parent or person responsible.*
3. *Where the participant is under the age of 14 years, then the parent or person responsible only should sign the consent form.*
4. *Where a participant is under a legal or intellectual disability, eg unconscious, then particular consent should be sought from the Human Research Ethics Committee as to whether the person should take part in the research.*

WITNESS:

I, _____ (name of witness)

of _____ hereby certify as follows:

1. I was present when _____ ("the participant") appeared to read or had read to him / her a document entitled Participant Information Sheet.

2. I was present when _____ ("the researcher") explained the general purposes, methods, demands and the possible risks and inconveniences of participating in the study to the participant. I asked the participant whether he/she had understood the Participant Information Sheet and understood what he/she had been told and he/she told me that he/she did understand.

3. I observed the participant sign the consent to participate in research and he/she appeared to me to be signing the document freely and without duress.

4. The participant showed me a form of identification which satisfied me as to his/her identity.

5. I am not involved in any way as a researcher in this project.

Name of witness _____

Address _____

Signature of witness _____ Date: _____

Relationship to participant _____

APPENDIX C

Study Title: Evaluation of a patient education program for people undergoing haematopoietic stem cell transplants and their carers

DEMOGRAPHICS

Name: _____

Date of Birth: _____

Age: _____

Sex: M ☐ or F ☐ ?

Ethnicity: _____

Participant: Patient ☐ Carer ☐

Relationship between patient and carer:

Spouse ☐ Child ☐ Parent ☐ Friend ☐ Other ☐ _____

Type of Illness: _____

Initial diagnosis/ Length of Illness:

_____

Type of Transplant: Autologous ☐ Allogeneic ☐ Don't Know ☐

Donor? _____ Transplant date?_____

Marital Status: _____

Occupation: _____

Currently working: Yes ☐ No ☐ Retired ☐

Number of children and ages:

_____

Have you already been given or accessed information yourself: Yes ☐ No ☐

If yes, where have you gotten this information from?

Doctor ☐ Internet ☐ Other ☐

If other, please specify: _____

Are you satisfied with the information you have received so far? Yes ☐ No ☐

If no, has there been too much ☐ or too little ☐ information?

HAD Scale

Doctors are aware that emotions play an important part in most illnesses. If your doctor knows about these feelings he will be able to help you more.
This questionnaire is designed to help your doctor to know how you feel. Read each item and place a firm tick in the box opposite the reply which comes closest to how you have been feeling in the past week.
Don't take too long over your replies: your immediate reaction to each item will probably be more accurate than a long thought-out response.

Tick only one box in each section

I feel tense or 'wound up':
Most of the time.....
A lot of the time.....
Time to time, occasionally.....
Not at all.....

I still enjoy the things I used to enjoy:
Definitely as much.....
Not quite so much.....
Only a little.....
Hardly at all.....

I get a sort of frightened feeling as if Something awful is about to happen:
Very definitely and quite badly.....
Yes, but not too badly.....
A little, but it doesn't worry me.....
Not at all.....

I can laugh and see the funny side of things:
As much as I always could.....
Not quite so much now.....
Definitely not so much now.....
Not at all.....

Worrying thoughts go through my mind:
A great deal of the time.....
A lot of the time.....
From time to time but not too often .....
Only occasionally.....

I feel cheerful:
Not at all.....
Not often.....
Sometimes.....
Most of the time.....

I can sit at ease and feel relaxed:
Definitely.....
Usually.....
Not often.....
Not at all.....

I feel as if I am slowed down:
Nearly all the time.....
Very often.....
Sometimes.....
Not at all.....

I get a sort of frightened feeling like 'butterflies' in the stomach:
Not at all.....
Occasionally.....
Quite often.....
Very often.....

I have lost interest in my appearance:
Definitely.....
I don't take so much care as I should.....
I may not take quite as much care.....
I take just as much care as ever.....

I feel restless as if I have to be on the move:
Very much indeed .....
Quite a lot .....
Not very much .....
Not at all.....

I look forward with enjoyment to things:
As much as ever I did.....
Rather less than I used to.....
Definitely less than I used to.....
Hardly at all.....

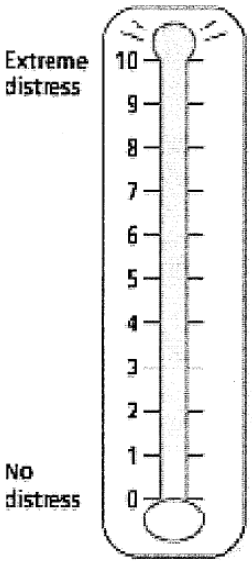
I get sudden feelings of panic:
Very often indeed.....
Quite often.....
Not very often.....
Not at all.....

I can enjoy a good book or radio or TV programme:
Often.....
Sometimes.....
Not often.....
Very seldom.....

Anx ____ Dep ____

Distress Thermometer

Instructions: Please circle the number (0-10) that best describes how much distress you have been experiencing in the past week, including today.



The Brief Illness Perception Questionnaire

For the following questions, please circle the number that best corresponds to your views:

How much does your illness affect your life?

0	1	2	3	4	5	6	7	8	9	10
no affect at all										severely affects my life

How long do you think your illness will continue?

0	1	2	3	4	5	6	7	8	9	10
a very short time										forever

How much control do you feel you have over your illness?

0	1	2	3	4	5	6	7	8	9	10
absolutely no control										extreme amount of control

How much do you think your treatment can help your illness?

0	1	2	3	4	5	6	7	8	9	10
not at all										extremely helpful

How much do you experience symptoms from your illness?

0	1	2	3	4	5	6	7	8	9	10
no symptoms at all										many severe symptoms

How concerned are you about your illness?

0	1	2	3	4	5	6	7	8	9	10
not at all concerned										extremely concerned

How well do you feel you understand your illness?

0	1	2	3	4	5	6	7	8	9	10
don't understand at all										understand very clearly

How much does your illness affect you emotionally? (e.g. does it make you angry, scared, upset or depressed?

0	1	2	3	4	5	6	7	8	9	10
not at all affected emotionally										extremely affected emotionally

Please list in rank-order the three most important factors that you believe caused <u>your illness</u>. ***The most important causes for me:-***

1. _____
2. _____
3. _____

Information Satisfaction Questionnaire (ISQ)

Which one of the following categories most applies to you (please tick 1 box):-

I would like all available information & be involved in decision about my illness	
I would only like positive information about my illness	
I would only like limited information & would prefer the doctor to make the decisions	

1. Do you feel information provision could have been improved? Yes / No
2. How satisfied are you with the information you received during your illness ***(tick 1 box in each table)***:-

Explanation of your illness *eg diagnosis, outcome, aggressiveness, genetic risk*	
Very satisfied	
Satisfied	
Neither	
Unsatisfied	
Very unsatisfied	

Information on side effects *eg How would treatment affected you, explanation of early and late side effects)*	
Very satisfied	
Satisfied	
Neither	
Unsatisfied	
Very unsatisfied	

Types of treatments available *(e.g. options available / relative benefits/ clinical trials)*	
Very satisfied	
Satisfied	
Not sure	
Unsatisfied	
Very unsatisfied	

Advise on lifestyle *eg diet, exercise, complementary medicine, support groups*	
Very satisfied	
Satisfied	
Not sure	
Unsatisfied	
Very unsatisfied	

Other practical day-day issues *eg parking, transport, follow up plans*	
Very satisfied	
Satisfied	
Not sure	
Unsatisfied	
Very unsatisfied	

Overall information provided *(summarises all information given)*	
Very satisfied	
Satisfied	
Not sure	
Unsatisfied	
Very unsatisfied	

Duke-UNC Functional Social Support Questionnaire

HERE IS A LIST OF SOME THINGS THAT OTHER PEOPLE DO FOR US OR GIVE US THAT MAY BE HELPFUL OR SUPPORTIVE. PLEASE READ EACH STATEMENT CAREFULLY AND PLACE A CHECK (✓) IN THE BLANK THAT IS CLOSEST TO YOUR SITUATION.

HERE IS AN EXAMPLE:

I get...	As much as I would like				Much less than I would like
Enough vacation time		✓			

If you put a check where we have, it means that you get almost as much vacation times as you would like, but not quite as much as you would like.

ANSWER EACH ITEM AS BEST YOU CAN. THERE ARE NO RIGHT OR WRONG ANSWERS.

I get...	As much as I would like				Much less than I would like
1. *visits with friends and relatives					
2. *help around the house.....					
3. *help with money in an emergency.....					
4. *praise for a good job					
5. people who care what happens to me					
6. love and affection					
7. *telephone calls from people I know					
8. chances to talk to someone about problems at work or with my housework					
9. chances to talk to someone about my personal and family problems					
10. chances to talk about money matters....					
11. invitations to go out and do things with other people					
12. useful advice about important things in life					
13. *help when I need transportation					
14. help when I'm sick in bed					

Knowledge Questionnaire

	False	Probably False	Not Sure	Probably True	True
1. In autologous transplants the transplanted cells come from the patients own body	1	2	3	4	5
2. In graft vs host disease the donor's cells attack the patient	1	2	3	4	5
3. The day of the transplant is usually the "hardest" day	1	2	3	4	5
4. Changing the patient's diet can help with symptoms such as nausea and diarrhoea	1	2	3	4	5
5. It doesn't help to talk about negative things	1	2	3	4	5
6. Graft vs. host disease can occur after autologous transplants	1	2	3	4	5
7. Patients are very vulnerable to respiratory viruses after transplantation	1	2	3	4	5
8. Full recovery may not occur until 12 months after transplantation	1	2	3	4	5
9. The flu vaccine can prevent respiratory viral infections after transplantation	1	2	3	4	5
10. In allogeneic transplants the transplanted cells come from a donor	1	2	3	4	5
11. All patients having transplants will become infertile	1	2	3	4	5
12. The transplanted cells are infused into the vein like a blood transfusion	1	2	3	4	5
13. Viral infections are rare after a transplant	1	2	3	4	5
14. Every patient has an individualized pre-transplant treatment	1	2	3	4	5
15. The cells usually take about 1 to 2 weeks to grow and come out into the blood	1	2	3	4	5
16. Graft vs. host disease only occurs after allogeneic transplants	1	2	3	4	5
17. Complications can arise years after the transplant	1	2	3	4	5
18. Safe food hygiene practice is very important for patients with a low white cell count	1	2	3	4	5
19. Most complications occur within the first 6 months after the transplant	1	2	3	4	5
20. Graft vs. host disease can be good	1	2	3	4	5

Caregiver Reaction Assessment Instrument

The response format for the questions below is as follows:

1 = Strongly disagree 2 = Disagree 3 = Neither agree nor disagree 4 = Agree 5 = Strongly agree

1. I feel privileged to care for ___.	
2. Others have dumped caring for ___ onto me.	
3. *My financial resources are adequate to pay for things that are required for caregiving.	
4. My activities are centred around care for ___.	
5. Since caring for ___, it seems like I'm tired all of the time.	
6. It is very difficult to get help from my family in taking care of ___.	
7. *I resent having to take care of ___.	
8. I have to stop in the middle of work.	
9. I really want to care for ___.	
10. My health has gotten worse since I've been caring for ___.	
11. I visit family and friends less since I have been caring for ___.	
12. I will never be able to do enough caregiving to repay ___.	
13. *My family works together at caring for ___.	
14. I have eliminated things from my schedule since caring for ___.	
15. *I have enough physical strength to care for ___.	
16. Since caring for ___, I feel my family has abandoned me.	
17. Caring for ___ makes me feel good.	
18. The constant interruptions make it difficult to find time for relaxation.	
19. *I am healthy enough to care for ___.	
20. Caring for ___ is important to me.	
21. Caring for ___ has put a financial strain on the family.	
22. My family (brothers, sisters, children) left me alone to care for ___.	
23. I enjoy caring for ___.	
24. It's difficult to pay for ___ 's health needs and services.	

APPENDIX D

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
c_age Carer age	31	24	74	46.32	11.450
c_distress Carer distress thermometer (baseline)	30	1	10	5.27	2.164
CHADSA1	30	3.00	18.00	10.0333	4.22214
CHADSD1	30	.00	17.00	6.6667	4.13007
SelfEsteem	30	3.57	5.00	4.3762	.41180
FamilySupport	30	1.00	3.60	1.9867	.75555
Finances	30	1.33	5.00	2.9556	1.07116
Schedule	30	2.00	5.00	3.5000	.76609
Health	30	1.50	3.50	2.4750	.56228
CRAMeansTS	30	11.85	19.48	15.2934	1.95857
Valid N (listwise)	30				

clindep Patients' clinically significant depression

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	19	59.4	61.3	61.3
	1.00	12	37.5	38.7	100.0
	Total	31	96.9	100.0	
Missing	System	1	3.1		
Total		32	100.0		

clinanx Carers' clinically significant anxiety

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	16	50.0	51.6	51.6
	1.00	15	46.9	48.4	100.0
	Total	31	96.9	100.0	
Missing	System	1	3.1		
Total		32	100.0		

clindis Patients' clinically significant distress

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	20	62.5	64.5	64.5
	1.00	11	34.4	35.5	100.0
	Total	31	96.9	100.0	
Missing	System	1	3.1		
Total		32	100.0		

Cclinanx Carers' clinically significant anxiety

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9	28.1	30.0	30.0
	1.00	21	65.6	70.0	100.0
	Total	30	93.8	100.0	
Missing	System	2	6.3		
Total		32	100.0		

Cclindep Carers' clinically significant depression

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	18	56.3	60.0	60.0
	1.00	12	37.5	40.0	100.0
	Total	30	93.8	100.0	
Missing	System	2	6.3		
Total		32	100.0		

Cclindis Carers' clinically significant distress

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	.00	9	28.1	30.0	30.0
	1.00	21	65.6	70.0	100.0
	Total	30	93.8	100.0	
Missing	System	2	6.3		
Total		32	100.0		

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	HADSD1 Patient depression (baseline)	6.3793	29	4.18683	.77748
	CHADSD1 Carer depression (baseline)	6.7931	29	4.14366	.76946
Pair 2	HADSA1 Patient anxiety (baseline)	7.2069	29	4.31260	.80083
	CHADSA1 Carer anxiety (baseline)	10.2069	29	4.18654	.77742
Pair 3	Distress Distress thermometer (baseline)	3.97	29	2.383	.442
	c_distress Carer distress thermometer (baseline)	5.24	29	2.198	.408

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	HADSD1 Patient depression (baseline) & CHADSD1 Carer depression (baseline)	29	.353	.061
Pair 2	HADSA1 Patient anxiety (baseline) & CHADSA1 Carer anxiety (baseline)	29	.180	.351
Pair 3	Distress Distress thermometer (baseline) & c_distress Carer distress thermometer (baseline)	29	.220	.252

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	HADSD1 Patient depression (baseline) - CHADSD1 Carer depression (baseline)	-.41379	4.73978	.88016	-2.21671	1.38912	-.470	28	.642
Pair 2	HADSA1 Patient anxiety (baseline) - CHADSA1 Carer anxiety (baseline)	-3.00000	5.44453	1.01102	-5.07099	-.92901	-2.967	28	.006
Pair 3	Distress Distress thermometer (baseline) - c_distress Carer distress thermometer (baseline)	-1.276	2.865	.532	-2.366	-.186	-2.398	28	.023

Group Statistics

	group Group	N	Mean	Std. Deviation	Std. Error Mean
age Patient age	0 Education	16	45.50	12.253	3.063
	1 Control	16	48.19	11.232	2.808
c_age Carer age	0 Education	16	47.25	12.179	3.045
	1 Control	15	45.33	10.952	2.828
illnesslength Length of illness (months)	0 Education	16	7.25	5.675	1.419
	1 Control	16	15.88	19.524	4.881

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
age Patient age	Equal variances assumed	.008	.930	-.647	30	.523	-2.688	4.156	-11.174	5.799
	Equal variances not assumed			-.647	29.776	.523	-2.688	4.156	-11.177	5.802
c_age Carer age	Equal variances assumed	.463	.502	.460	29	.649	1.917	4.170	-6.612	10.446
	Equal variances not assumed			.461	28.955	.648	1.917	4.155	-6.583	10.416
illnesslength Length of illness (months)	Equal variances assumed	12.510	.001	-1.697	30	.100	-8.625	5.083	-19.006	1.756
	Equal variances not assumed			-1.697	17.516	.107	-8.625	5.083	-19.325	2.075

transplant Transplant Type * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
transplant Transplant Type	0 Autologous	6	2	8
	1 Allogeneic	11	14	25
Total		17	16	33

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2.332[b]	1	.127		
Continuity Correction[a]	1.256	1	.262		
Likelihood Ratio	2.424	1	.120		
Fisher's Exact Test				.225	.131
Linear-by-Linear Association	2.261	1	.133		
N of Valid Cases	33				

a. Computed only for a 2x2 table

b. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 3.88.

gender Patient gender * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
gender Patient gender	0 Male	9	12	21
	1 Female	7	4	11
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.247[b]	1	.264		
Continuity Correction[a]	.554	1	.457		
Likelihood Ratio	1.259	1	.262		
Fisher's Exact Test				.458	.229
Linear-by-Linear Association	1.208	1	.272		
N of Valid Cases	32				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.50.

ethnicity Patient ethnicity * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
ethnicity Patient ethnicity	0 Caucasian	13	13	26
	1 Asian	3	0	3
	2 Hispanic	0	2	2
	3 Other	0	1	1
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.000[a]	3	.112
Likelihood Ratio	8.318	3	.040
Linear-by-Linear Association	.919	1	.338
N of Valid Cases	32		

a. 6 cells (75.0%) have expected count less than 5. The minimum expected count is .50.

diagnosis Illness diagnosis * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
diagnosis Illness diagnosis	1 Leukemia	9	10	19
	2 Lymphoma	3	3	6
	3 Multiple Myloma	3	1	4
	4 Myleodysplastic Syndrome	1	2	3
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.386[a]	3	.709
Likelihood Ratio	1.439	3	.696
Linear-by-Linear Association	.030	1	.863
N of Valid Cases	32		

a. 6 cells (75.0%) have expected count less than 5. The minimum expected count is 1.50.

illnesslength Length of illness (months) * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
illnesslength Length of illness (months)	1	1	0	1
	2	1	0	1
	3	2	4	6
	4	2	2	4
	5	1	1	2
	6	1	1	2
	7	1	1	2
	8	2	1	3
	9	2	1	3
	10	1	0	1
	12	1	0	1
	21	0	1	1
	25	1	1	2
	33	0	1	1
	54	0	1	1
	66	0	1	1
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	9.333[a]	15	.859
Likelihood Ratio	12.450	15	.645
Linear-by-Linear Association	2.715	1	.099
N of Valid Cases	32		

a. 32 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

marital Patient marital status * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
marital Patient marital status	1 Married/De Facto	15	15	30
	2 Single	1	1	2
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.000[b]	1	1.000		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.000	1	1.000		
Fisher's Exact Test				1.000	.758
Linear-by-Linear Association	.000	1	1.000		
N of Valid Cases	32				

a. Computed only for a 2x2 table

b. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.00.

occupation Occupational backgrounds * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
occupation Occupational backgrounds	1 Managers/Administrators	1	0	1
	2 Professionals	4	5	9
	3 Associate Professionals	1	2	3
	4 Tradespersons and related workers	3	5	8
	5 Advanced clerical and service workers	2	1	3
	6 Intermediate clerical, sales and service workers	3	3	6
	7 Intermediate production and transport workers	2	0	2
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.278[a]	6	.639
Likelihood Ratio	5.455	6	.487
Linear-by-Linear Association	.512	1	.474
N of Valid Cases	32		

a. 14 cells (100.0%) have expected count less than 5. The minimum expected count is .50.

working Patient currently working * group Group

Crosstab

Count

		group Group		Total
		0 Education	1 Control	
working Patient currently working	0 Yes	5	4	9
	1 No	10	11	21
	2 Retired	1	1	2
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.159[a]	2	.924
Likelihood Ratio	.159	2	.924
Linear-by-Linear Association	.102	1	.749
N of Valid Cases	32		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is 1.00.

children Patient has children * group Group

Crosstab

Count

		group Group		Total
		0 Education	1 Control	
children Patient has children	0 No	1	1	2
	1 Yes	15	15	30
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.000[b]	1	1.000		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.000	1	1.000		
Fisher's Exact Test				1.000	.758
Linear-by-Linear Association	.000	1	1.000		
N of Valid Cases	32				

a. Computed only for a 2x2 table

b. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.00.

depchildren Dependent children * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
depchildren Dependent children	0 Yes	9	10	19
	1 No	7	6	13
Total		16	16	32

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.130[b]	1	.719		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.130	1	.719		
Fisher's Exact Test				1.000	.500
Linear-by-Linear Association	.126	1	.723		
N of Valid Cases	32				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.50.

c_gender Carer gender * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_gender Carer gender	0 male	6	4	10
	1 female	10	11	21
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.416[b]	1	.519		
Continuity Correction[a]	.068	1	.795		
Likelihood Ratio	.418	1	.518		
Fisher's Exact Test				.704	.398
Linear-by-Linear Association	.402	1	.526		
N of Valid Cases	31				

a. Computed only for a 2x2 table

b. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 4.84.

c_ethnicity Carer ethnicity * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_ethnicity Carer ethnicity	0 Caucasian	14	12	26
	1 Asian	2	0	2
	2 Hispanic	0	2	2
	3 Other	0	1	1
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	5.127[a]	3	.163
Likelihood Ratio	7.053	3	.070
Linear-by-Linear Association	1.655	1	.198
N of Valid Cases	31		

a. 6 cells (75.0%) have expected count less than 5. The minimum expected count is .48.

c_marital Carer marital status * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_marital Carer marital status	1 Married/De Facto	14	13	27
	2 Single	2	2	4
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.005[b]	1	.945		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.005	1	.945		
Fisher's Exact Test				1.000	.675
Linear-by-Linear Association	.005	1	.946		
N of Valid Cases	31				

a. Computed only for a 2x2 table

b. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 1.94.

c_occupation Carer occupational background * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_occupation Carer occupational background	2 Professionals	6	4	10
	3 Associate Professionals	1	3	4
	5 Advanced clerical and service workers	2	0	2
	6 Intermediate clerical, sales and service workers	3	2	5
	7 Intermediate production and transport workers	1	2	3
	8 Elementary clerical, sales, and service workers	1	0	1
	9 Labourers and related workers	0	1	1
	10 Unemployed/Pension	2	3	5
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.107[a]	7	.527
Likelihood Ratio	7.705	7	.359
Linear-by-Linear Association	.299	1	.585
N of Valid Cases	31		

a. 15 cells (93.8%) have expected count less than 5. The minimum expected count is .48.

c_working Carer currently working * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_working Carer currently working	0 Yes	13	8	21
	1 No	2	7	9
	2 Retired	1	0	1
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.941[a]	2	.085
Likelihood Ratio	5.498	2	.064
Linear-by-Linear Association	1.199	1	.274
N of Valid Cases	31		

a. 4 cells (66.7%) have expected count less than 5. The minimum expected count is .48.

c_children Carer has children * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_children Carer has children	0 No	0	2	2
	1 Yes	16	13	29
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2.280[b]	1	.131		
Continuity Correction[a]	.606	1	.436		
Likelihood Ratio	3.051	1	.081		
Fisher's Exact Test				.226	.226
Linear-by-Linear Association	2.207	1	.137		
N of Valid Cases	31				

a. Computed only for a 2x2 table

b. 2 cells (50.0%) have expected count less than 5. The minimum expected count is .97.

c_depchildren Dependent children * group Group

Crosstab

Count

		group Group		
		0 Education	1 Control	Total
c_depchildren Dependent children	0 Yes	9	9	18
	1 No	7	6	13
Total		16	15	31

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.045[b]	1	.833		
Continuity Correction[a]	.000	1	1.000		
Likelihood Ratio	.045	1	.832		
Fisher's Exact Test				1.000	.561
Linear-by-Linear Association	.043	1	.835		
N of Valid Cases	31				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.29.

Reliability Scale: Knowledge Questionnaire

Case Processing Summary

		N	%
Cases	Valid	31	96.9
	Excluded[a]	1	3.1
	Total	32	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
.672	20

Item Statistics

	Mean	Std. Deviation	N
k1	4.4516	1.12068	31
k2	4.0645	1.34004	31
k4	4.0645	1.23654	31
k7	4.7097	.58842	31
k8	4.2258	1.20304	31
k9	3.8710	1.23131	31
k10	4.4839	1.02862	31
k12	4.8065	.54279	31
k14	3.8710	1.31001	31
k15	4.0323	1.04830	31
k16	3.9677	1.11007	31
k17	4.0000	1.31656	31
k18	4.9355	.24973	31
k19	4.2581	.89322	31
k20	3.6452	1.51764	31
Rk3 Reverse Score k3	3.6452	1.33037	31
Rk5 Reverse Score k5	2.9355	1.94826	31
Rk6 Reverse Score k6	2.7742	1.49910	31
Rk11 Reverse Score k11	3.5484	1.50197	31
Rk13 Reverse Score k13	4.2903	1.07062	31

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Cronbach's Alpha if Item Deleted
k1	76.1290	75.383	.240	.661
k2	76.5161	70.925	.381	.645
k4	76.5161	79.258	.024	.684
k7	75.8710	79.383	.152	.669
k8	76.3548	69.503	.517	.631
k9	76.7097	77.280	.117	.675
k10	76.0968	74.557	.321	.654
k12	75.7742	76.581	.468	.654
k14	76.7097	74.346	.233	.662
k15	76.5484	80.389	-.009	.684
k16	76.6129	72.445	.404	.645
k17	76.5806	76.585	.130	.674
k18	75.6452	80.437	.183	.671
k19	76.3226	72.292	.542	.638
k20	76.9355	67.462	.463	.632
Rk3 Reverse Score k3	76.9355	70.396	.410	.641
Rk5 Reverse Score k5	77.6452	65.370	.386	.642
Rk6 Reverse Score k6	77.8065	76.561	.096	.681
Rk11 Reverse Score k11	77.0323	74.499	.176	.671
Rk13 Reverse Score k13	76.2903	79.480	.036	.680

Scale Statistics

Mean	Variance	Std. Deviation	N of Items
80.5806	81.318	9.01766	20

Group Statistics

	group Group	N	Mean	Std. Deviation	Std. Error Mean
transplant Transplant Type	0 Education	17	.65	.493	.119
	1 Control	16	.88	.342	.085
gender Patient gender	0 Education	16	.44	.512	.128
	1 Control	16	.25	.447	.112
age Patient age	0 Education	16	45.50	12.253	3.063
	1 Control	16	48.19	11.232	2.808
ethnicity Patient ethnicity	0 Education	16	.19	.403	.101
	1 Control	16	.44	.964	.241
diagnosis Illness diagnosis	0 Education	16	1.75	1.000	.250
	1 Control	16	1.69	1.078	.270
illnesslength Length of illness (months)	0 Education	16	7.25	5.675	1.419
	1 Control	16	15.88	19.524	4.881
marital Patient marital status	0 Education	16	1.06	.250	.063
	1 Control	16	1.06	.250	.063
occupation Occupational backgrounds	0 Education	16	4.13	1.962	.491
	1 Control	16	3.69	1.493	.373
working Patient currently working	0 Education	16	.75	.577	.144
	1 Control	16	.81	.544	.136
children Patient has children	0 Education	16	.94	.250	.063
	1 Control	16	.94	.250	.063
depchildren Dependent children	0 Education	16	.44	.512	.128
	1 Control	16	.38	.500	.125
accessinfo Patient accessed information	0 Education	16	.13	.342	.085
	1 Control	16	.06	.250	.063
satinfo Patient satisfaction with	0 Education	11	.00	.000	.000
	1 Control	15	.13	.352	.091
relationship Relationship between patient and carer	0 Education	17	.24	.752	.182
	1 Control	16	.25	.775	.194

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
transplant Transplan Type	Equal variance assumed	10.963	.002	-1.535	31	.135	-.228	.148	-.531	.075
	Equal variance not assumed			-1.552	28.570	.132	-.228	.147	-.528	.073
gender Patient genc	Equal variance assumed	4.061	.053	1.103	30	.279	.188	.170	-.160	.535
	Equal variance not assumed			1.103	29.462	.279	.188	.170	-.160	.535
age Patient age	Equal variance assumed	.008	.930	-.647	30	.523	-2.688	4.156	-11.174	5.799
	Equal variance not assumed			-.647	29.776	.523	-2.688	4.156	-11.177	5.802
ethnicity Patient eth	Equal variance assumed	5.823	.022	-.957	30	.346	-.250	.261	-.783	.283
	Equal variance not assumed			-.957	20.091	.350	-.250	.261	-.795	.295
diagnosis Illness diagnosis	Equal variance assumed	.006	.937	.170	30	.866	.063	.368	-.688	.813
	Equal variance not assumed			.170	29.832	.866	.063	.368	-.688	.813
illnesslength Length illness (months)	Equal variance assumed	12.510	.001	-1.697	30	.100	-8.625	5.083	-19.006	1.756
	Equal variance not assumed			-1.697	17.516	.107	-8.625	5.083	-19.325	2.075
marital Patient marit status	Equal variance assumed	.000	1.000	.000	30	1.000	.000	.088	-.181	.181
	Equal variance not assumed			.000	30.000	1.000	.000	.088	-.181	.181
occupation Occupat backgrounds	Equal variance assumed	1.711	.201	.710	30	.483	.438	.616	-.821	1.696
	Equal variance not assumed			.710	28.009	.484	.438	.616	-.825	1.700
working Patient curr working	Equal variance assumed	.286	.597	-.315	30	.755	-.063	.198	-.467	.342
	Equal variance not assumed			-.315	29.894	.755	-.063	.198	-.468	.343
children Patient has children	Equal variance assumed	.000	1.000	.000	30	1.000	.000	.088	-.181	.181
	Equal variance not assumed			.000	30.000	1.000	.000	.088	-.181	.181
depchildren Depenc children	Equal variance assumed	.446	.510	.349	30	.729	.063	.179	-.303	.428
	Equal variance not assumed			.349	29.982	.729	.063	.179	-.303	.428
accessinfo Patient accessed informatior	Equal variance assumed	1.454	.237	.591	30	.559	.063	.106	-.154	.279
	Equal variance not assumed			.591	27.488	.560	.063	.106	-.154	.279
satinfo Patient satisfaction with information	Equal variance assumed	8.727	.007	-1.250	24	.223	-.133	.107	-.354	.087
	Equal variance not assumed			-1.468	14.000	.164	-.133	.091	-.328	.062
relationship Relatior between patient and	Equal variance assumed	.011	.919	-.055	31	.956	-.015	.266	-.557	.527
	Equal variance not assumed			-.055	30.742	.956	-.015	.266	-.558	.528

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
c_gender Carer gende	Equal variances assumed	1.550	.223	-.628	29	.535	-.108	.173	-.461	.245
	Equal variances not assumed			-.630	28.987	.534	-.108	.172	-.460	.244
c_age Carer age	Equal variances assumed	.463	.502	.460	29	.649	1.917	4.170	-6.612	10.446
	Equal variances not assumed			.461	28.955	.648	1.917	4.155	-6.583	10.416
c_ethnicity Carer ethn	Equal variances assumed	9.846	.004	-1.301	29	.203	-.342	.263	-.879	.195
	Equal variances not assumed			-1.267	17.098	.222	-.342	.270	-.910	.227
c_marital Carer marita status	Equal variances assumed	.018	.894	-.067	29	.947	-.008	.125	-.263	.246
	Equal variances not assumed			-.067	28.733	.947	-.008	.125	-.263	.247
c_occupation Carer occupational backgrou	Equal variances assumed	.774	.386	-.540	29	.593	-.592	1.096	-2.832	1.649
	Equal variances not assumed			-.538	28.070	.595	-.592	1.100	-2.844	1.661
c_working Carer curre working	Equal variances assumed	.792	.381	-1.099	29	.281	-.217	.197	-.620	.187
	Equal variances not assumed			-1.103	28.942	.279	-.217	.196	-.619	.185
c_children Carer has children	Equal variances assumed	12.865	.001	1.517	29	.140	.133	.088	-.046	.313
	Equal variances not assumed			1.468	14.000	.164	.133	.091	-.062	.328
c_depchildren Dependent children	Equal variances assumed	.162	.690	.205	29	.839	.038	.183	-.337	.412
	Equal variances not assumed			.205	28.908	.839	.038	.183	-.337	.412
c_accessinfo Carer accessed information	Equal variances assumed	.018	.894	-.067	29	.947	-.008	.125	-.263	.246
	Equal variances not assumed			-.067	28.733	.947	-.008	.125	-.263	.247
c_satinfo Carer satisifaction with information	Equal variances assumed	.871	.360	-.457	24	.652	-.060	.130	-.328	.209
	Equal variances not assumed			-.465	23.889	.646	-.060	.128	-.324	.205

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
group Group * gender Patient gender	32	97.0%	1	3.0%	33	100.0%
group Group * c_ gender Carer gender	31	93.9%	2	6.1%	33	100.0%

group Group * gender Patient gender Crosstabulation

Count

		gender Patient gender		
		0 Male	1 Female	Total
group Group	0 Education	9	7	16
	1 Control	12	4	16
Total		21	11	32

group Group * c_gender Carer gender Crosstabulation

Count

		c_gender Carer gender		
		0 male	1 female	Total
group Group	0 Education	6	10	16
	1 Control	4	11	15
Total		10	21	31

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Distress
2	Distress2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

		group Group	Mean	Std. Deviation	N
Distress Distress thermometer (baseline)		0 Education	3.33	2.440	15
		1 Control	4.47	2.446	15
		Total	3.90	2.468	30
Distress2 Distress thermometer (time 2)		0 Education	4.13	3.182	15
		1 Control	5.00	1.773	15
		Total	4.57	2.569	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.004	.100[a]	1.000	27.000	.754	.004
	Wilks' Lambda	.996	.100[a]	1.000	27.000	.754	.004
	Hotelling's Trace	.004	.100[a]	1.000	27.000	.754	.004
	Roy's Largest Root	.004	.100[a]	1.000	27.000	.754	.004
time * transplant	Pillai's Trace	.063	1.820[a]	1.000	27.000	.189	.063
	Wilks' Lambda	.937	1.820[a]	1.000	27.000	.189	.063
	Hotelling's Trace	.067	1.820[a]	1.000	27.000	.189	.063
	Roy's Largest Root	.067	1.820[a]	1.000	27.000	.189	.063
time * group	Pillai's Trace	.014	.388[a]	1.000	27.000	.538	.014
	Wilks' Lambda	.986	.388[a]	1.000	27.000	.538	.014
	Hotelling's Trace	.014	.388[a]	1.000	27.000	.538	.014
	Roy's Largest Root	.014	.388[a]	1.000	27.000	.538	.014

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.164	1	.164	.100	.754	.004
	Greenhouse-Geisser	.164	1.000	.164	.100	.754	.004
	Huynh-Feldt	.164	1.000	.164	.100	.754	.004
	Lower-bound	.164	1.000	.164	.100	.754	.004
time * transplant	Sphericity Assumed	2.972	1	2.972	1.820	.189	.063
	Greenhouse-Geisser	2.972	1.000	2.972	1.820	.189	.063
	Huynh-Feldt	2.972	1.000	2.972	1.820	.189	.063
	Lower-bound	2.972	1.000	2.972	1.820	.189	.063
time * group	Sphericity Assumed	.634	1	.634	.388	.538	.014
	Greenhouse-Geisser	.634	1.000	.634	.388	.538	.014
	Huynh-Feldt	.634	1.000	.634	.388	.538	.014
	Lower-bound	.634	1.000	.634	.388	.538	.014
Error(time)	Sphericity Assumed	44.095	27	1.633			
	Greenhouse-Geisser	44.095	27.000	1.633			
	Huynh-Feldt	44.095	27.000	1.633			
	Lower-bound	44.095	27.000	1.633			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.164	1	.164	.100	.754	.004
time * transplant	Linear	2.972	1	2.972	1.820	.189	.063
time * group	Linear	.634	1	.634	.388	.538	.014
Error(time)	Linear	44.095	27	1.633			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	266.348	1	266.348	23.843	.000	.469
transplant	4.119	1	4.119	.369	.549	.013
group	17.281	1	17.281	1.547	.224	.054
Error	301.615	27	11.171			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	conseq
2	Conseq2

Between-Subjects Factors

		Value Label	N
group	0	Education	15
Group	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
conseq How much does your illness affect your life?	0 Education	7.47	2.100	15
	1 Control	7.47	2.100	15
	Total	7.47	2.063	30
Conseq2 How much does your illness affect your life?	0 Education	7.33	2.350	15
	1 Control	7.80	1.612	15
	Total	7.57	1.995	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.010	.263[a]	1.000	27.000	.612	.010
	Wilks' Lambda	.990	.263[a]	1.000	27.000	.612	.010
	Hotelling's Trace	.010	.263[a]	1.000	27.000	.612	.010
	Roy's Largest Root	.010	.263[a]	1.000	27.000	.612	.010
time * transplant	Pillai's Trace	.018	.494[a]	1.000	27.000	.488	.018
	Wilks' Lambda	.982	.494[a]	1.000	27.000	.488	.018
	Hotelling's Trace	.018	.494[a]	1.000	27.000	.488	.018
	Roy's Largest Root	.018	.494[a]	1.000	27.000	.488	.018
time * group	Pillai's Trace	.009	.244[a]	1.000	27.000	.626	.009
	Wilks' Lambda	.991	.244[a]	1.000	27.000	.626	.009
	Hotelling's Trace	.009	.244[a]	1.000	27.000	.626	.009
	Roy's Largest Root	.009	.244[a]	1.000	27.000	.626	.009

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.560	1	.560	.263	.612	.010
	Greenhouse-Geisser	.560	1.000	.560	.263	.612	.010
	Huynh-Feldt	.560	1.000	.560	.263	.612	.010
	Lower-bound	.560	1.000	.560	.263	.612	.010
time * transplant	Sphericity Assumed	1.052	1	1.052	.494	.488	.018
	Greenhouse-Geisser	1.052	1.000	1.052	.494	.488	.018
	Huynh-Feldt	1.052	1.000	1.052	.494	.488	.018
	Lower-bound	1.052	1.000	1.052	.494	.488	.018
time * group	Sphericity Assumed	.519	1	.519	.244	.626	.009
	Greenhouse-Geisser	.519	1.000	.519	.244	.626	.009
	Huynh-Feldt	.519	1.000	.519	.244	.626	.009
	Lower-bound	.519	1.000	.519	.244	.626	.009
Error(time)	Sphericity Assumed	57.481	27	2.129			
	Greenhouse-Geisser	57.481	27.000	2.129			
	Huynh-Feldt	57.481	27.000	2.129			
	Lower-bound	57.481	27.000	2.129			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.560	1	.560	.263	.612	.010
time * transplant	Linear	1.052	1	1.052	.494	.488	.018
time * group	Linear	.519	1	.519	.244	.626	.009
Error(time)	Linear	57.481	27	2.129			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	713.155	1	713.155	108.466	.000	.801
transplant	1.143	1	1.143	.174	.680	.006
group	1.143	1	1.143	.174	.680	.006
Error	177.523	27	6.575			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Timeline
2	Timeline2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
Timeline How long do you think your illness will cont.	0 Education	4.20	2.597	15
	1 Control	4.21	3.239	14
	Total	4.21	2.871	29
Timeline2 How long do you think your illness will cont.	0 Education	4.80	2.042	15
	1 Control	5.71	2.614	14
	Total	5.24	2.340	29

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.009	.233[a]	1.000	26.000	.633	.009
	Wilks' Lambda	.991	.233[a]	1.000	26.000	.633	.009
	Hotelling's Trace	.009	.233[a]	1.000	26.000	.633	.009
	Roy's Largest Root	.009	.233[a]	1.000	26.000	.633	.009
time * transplant	Pillai's Trace	.134	4.031[a]	1.000	26.000	.055	.134
	Wilks' Lambda	.866	4.031[a]	1.000	26.000	.055	.134
	Hotelling's Trace	.155	4.031[a]	1.000	26.000	.055	.134
	Roy's Largest Root	.155	4.031[a]	1.000	26.000	.055	.134
time * group	Pillai's Trace	.032	.859[a]	1.000	26.000	.363	.032
	Wilks' Lambda	.968	.859[a]	1.000	26.000	.363	.032
	Hotelling's Trace	.033	.859[a]	1.000	26.000	.363	.032
	Roy's Largest Root	.033	.859[a]	1.000	26.000	.363	.032

a. Exact statistic

b. Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.440	1	.440	.233	.633	.009
	Greenhouse-Geisser	.440	1.000	.440	.233	.633	.009
	Huynh-Feldt	.440	1.000	.440	.233	.633	.009
	Lower-bound	.440	1.000	.440	.233	.633	.009
time * transplant	Sphericity Assumed	7.591	1	7.591	4.031	.055	.134
	Greenhouse-Geisser	7.591	1.000	7.591	4.031	.055	.134
	Huynh-Feldt	7.591	1.000	7.591	4.031	.055	.134
	Lower-bound	7.591	1.000	7.591	4.031	.055	.134
time * group	Sphericity Assumed	1.617	1	1.617	.859	.363	.032
	Greenhouse-Geisser	1.617	1.000	1.617	.859	.363	.032
	Huynh-Feldt	1.617	1.000	1.617	.859	.363	.032
	Lower-bound	1.617	1.000	1.617	.859	.363	.032
Error(time)	Sphericity Assumed	48.959	26	1.883			
	Greenhouse-Geisser	48.959	26.000	1.883			
	Huynh-Feldt	48.959	26.000	1.883			
	Lower-bound	48.959	26.000	1.883			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.440	1	.440	.233	.633	.009
time * transplant	Linear	7.591	1	7.591	4.031	.055	.134
time * group	Linear	1.617	1	1.617	.859	.363	.032
Error(time)	Linear	48.959	26	1.883			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	236.110	1	236.110	19.149	.000	.424
transplant	.878	1	.878	.071	.792	.003
group	2.570	1	2.570	.208	.652	.008
Error	320.586	26	12.330			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Perscont
2	Perscont2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
Perscont How much control do you have over your illness	0 Education	2.73	2.685	15
	1 Control	3.00	3.381	15
	Total	2.87	3.003	30
Perscont2 How much control do you have over your illness	0 Education	3.47	2.031	15
	1 Control	3.93	3.262	15
	Total	3.70	2.680	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.003	.074[a]	1.000	27.000	.788	.003
	Wilks' Lambda	.997	.074[a]	1.000	27.000	.788	.003
	Hotelling's Trace	.003	.074[a]	1.000	27.000	.788	.003
	Roy's Largest Root	.003	.074[a]	1.000	27.000	.788	.003
time * transplant	Pillai's Trace	.006	.169[a]	1.000	27.000	.684	.006
	Wilks' Lambda	.994	.169[a]	1.000	27.000	.684	.006
	Hotelling's Trace	.006	.169[a]	1.000	27.000	.684	.006
	Roy's Largest Root	.006	.169[a]	1.000	27.000	.684	.006
time * group	Pillai's Trace	.000	.011[a]	1.000	27.000	.919	.000
	Wilks' Lambda	1.000	.011[a]	1.000	27.000	.919	.000
	Hotelling's Trace	.000	.011[a]	1.000	27.000	.919	.000
	Roy's Largest Root	.000	.011[a]	1.000	27.000	.919	.000

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.366	1	.366	.074	.788	.003
	Greenhouse-Geisser	.366	1.000	.366	.074	.788	.003
	Huynh-Feldt	.366	1.000	.366	.074	.788	.003
	Lower-bound	.366	1.000	.366	.074	.788	.003
time * transplant	Sphericity Assumed	.840	1	.840	.169	.684	.006
	Greenhouse-Geisser	.840	1.000	.840	.169	.684	.006
	Huynh-Feldt	.840	1.000	.840	.169	.684	.006
	Lower-bound	.840	1.000	.840	.169	.684	.006
time * group	Sphericity Assumed	.053	1	.053	.011	.919	.000
	Greenhouse-Geisser	.053	1.000	.053	.011	.919	.000
	Huynh-Feldt	.053	1.000	.053	.011	.919	.000
	Lower-bound	.053	1.000	.053	.011	.919	.000
Error(time)	Sphericity Assumed	134.093	27	4.966			
	Greenhouse-Geisser	134.093	27.000	4.966			
	Huynh-Feldt	134.093	27.000	4.966			
	Lower-bound	134.093	27.000	4.966			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.366	1	.366	.074	.788	.003
time * transplant	Linear	.840	1	.840	.169	.684	.006
time * group	Linear	.053	1	.053	.011	.919	.000
Error(time)	Linear	134.093	27	4.966			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	327.478	1	327.478	32.231	.000	.544
transplant	58.333	1	58.333	5.741	.024	.175
group	7.146	1	7.146	.703	.409	.025
Error	274.333	27	10.160			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Txcont
2	Txcont2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
Txcont How much do you think your treatment can help your illness?	0 Education	8.73	1.751	15
	1 Control	9.00	1.648	15
	Total	8.87	1.676	30
Txcont2 How much do you think your treatment can help your illness?	0 Education	8.00	1.773	15
	1 Control	9.20	1.146	15
	Total	8.60	1.589	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.009	.258[a]	1.000	27.000	.616	.009
	Wilks' Lambda	.991	.258[a]	1.000	27.000	.616	.009
	Hotelling's Trace	.010	.258[a]	1.000	27.000	.616	.009
	Roy's Largest Root	.010	.258[a]	1.000	27.000	.616	.009
time * transplant	Pillai's Trace	.036	1.022[a]	1.000	27.000	.321	.036
	Wilks' Lambda	.964	1.022[a]	1.000	27.000	.321	.036
	Hotelling's Trace	.038	1.022[a]	1.000	27.000	.321	.036
	Roy's Largest Root	.038	1.022[a]	1.000	27.000	.321	.036
time * group	Pillai's Trace	.099	2.981[a]	1.000	27.000	.096	.099
	Wilks' Lambda	.901	2.981[a]	1.000	27.000	.096	.099
	Hotelling's Trace	.110	2.981[a]	1.000	27.000	.096	.099
	Roy's Largest Root	.110	2.981[a]	1.000	27.000	.096	.099

a. Exact statistic

b. Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.337	1	.337	.258	.616	.009
	Greenhouse-Geisser	.337	1.000	.337	.258	.616	.009
	Huynh-Feldt	.337	1.000	.337	.258	.616	.009
	Lower-bound	.337	1.000	.337	.258	.616	.009
time * transplant	Sphericity Assumed	1.338	1	1.338	1.022	.321	.036
	Greenhouse-Geisser	1.338	1.000	1.338	1.022	.321	.036
	Huynh-Feldt	1.338	1.000	1.338	1.022	.321	.036
	Lower-bound	1.338	1.000	1.338	1.022	.321	.036
time * group	Sphericity Assumed	3.900	1	3.900	2.981	.096	.099
	Greenhouse-Geisser	3.900	1.000	3.900	2.981	.096	.099
	Huynh-Feldt	3.900	1.000	3.900	2.981	.096	.099
	Lower-bound	3.900	1.000	3.900	2.981	.096	.099
Error(time)	Sphericity Assumed	35.329	27	1.308			
	Greenhouse-Geisser	35.329	27.000	1.308			
	Huynh-Feldt	35.329	27.000	1.308			
	Lower-bound	35.329	27.000	1.308			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.337	1	.337	.258	.616	.009
time * transplant	Linear	1.338	1	1.338	1.022	.321	.036
time * group	Linear	3.900	1	3.900	2.981	.096	.099
Error(time)	Linear	35.329	27	1.308			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	754.418	1	754.418	205.281	.000	.884
transplant	7.440	1	7.440	2.025	.166	.070
group	5.503	1	5.503	1.497	.232	.053
Error	99.226	27	3.675			

General Linear Model

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Identity
2	ident2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
Identity How much do you exp symptoms from your illness	0 Education	3.67	3.086	15
	1 Control	4.86	2.931	14
	Total	4.24	3.020	29
ident2 How much do you exp symptoms from your illness	0 Education	4.13	2.850	15
	1 Control	4.71	3.221	14
	Total	4.41	2.994	29

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.002	.062[a]	1.000	26.000	.805	.002
	Wilks' Lambda	.998	.062[a]	1.000	26.000	.805	.002
	Hotelling's Trace	.002	.062[a]	1.000	26.000	.805	.002
	Roy's Largest Root	.002	.062[a]	1.000	26.000	.805	.002
time * transplant	Pillai's Trace	.007	.194[a]	1.000	26.000	.663	.007
	Wilks' Lambda	.993	.194[a]	1.000	26.000	.663	.007
	Hotelling's Trace	.007	.194[a]	1.000	26.000	.663	.007
	Roy's Largest Root	.007	.194[a]	1.000	26.000	.663	.007
time * group	Pillai's Trace	.017	.441[a]	1.000	26.000	.513	.017
	Wilks' Lambda	.983	.441[a]	1.000	26.000	.513	.017
	Hotelling's Trace	.017	.441[a]	1.000	26.000	.513	.017
	Roy's Largest Root	.017	.441[a]	1.000	26.000	.513	.017

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.229	1	.229	.062	.805	.002
	Greenhouse-Geisser	.229	1.000	.229	.062	.805	.002
	Huynh-Feldt	.229	1.000	.229	.062	.805	.002
	Lower-bound	.229	1.000	.229	.062	.805	.002
time * transplant	Sphericity Assumed	.717	1	.717	.194	.663	.007
	Greenhouse-Geisser	.717	1.000	.717	.194	.663	.007
	Huynh-Feldt	.717	1.000	.717	.194	.663	.007
	Lower-bound	.717	1.000	.717	.194	.663	.007
time * group	Sphericity Assumed	1.627	1	1.627	.441	.513	.017
	Greenhouse-Geisser	1.627	1.000	1.627	.441	.513	.017
	Huynh-Feldt	1.627	1.000	1.627	.441	.513	.017
	Lower-bound	1.627	1.000	1.627	.441	.513	.017
Error(time)	Sphericity Assumed	96.007	26	3.693			
	Greenhouse-Geisser	96.007	26.000	3.693			
	Huynh-Feldt	96.007	26.000	3.693			
	Lower-bound	96.007	26.000	3.693			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.229	1	.229	.062	.805	.002
time * transplant	Linear	.717	1	.717	.194	.663	.007
time * group	Linear	1.627	1	1.627	.441	.513	.017
Error(time)	Linear	96.007	26	3.693			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	209.570	1	209.570	13.735	.001	.346
transplant	.194	1	.194	.013	.911	.000
group	10.653	1	10.653	.698	.411	.026
Error	396.720	26	15.258			

General Linear Model

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Concern
2	concern2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
Concern How concerned are you about your illness	0 Education	8.20	1.935	15
	1 Control	9.00	1.464	15
	Total	8.60	1.734	30
concern2 How concerned are you about your illness	0 Education	7.33	2.127	15
	1 Control	8.33	1.877	15
	Total	7.83	2.036	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.110	3.338[a]	1.000	27.000	.079	.110
	Wilks' Lambda	.890	3.338[a]	1.000	27.000	.079	.110
	Hotelling's Trace	.124	3.338[a]	1.000	27.000	.079	.110
	Roy's Largest Root	.124	3.338[a]	1.000	27.000	.079	.110
time * transplant	Pillai's Trace	.049	1.400[a]	1.000	27.000	.247	.049
	Wilks' Lambda	.951	1.400[a]	1.000	27.000	.247	.049
	Hotelling's Trace	.052	1.400[a]	1.000	27.000	.247	.049
	Roy's Largest Root	.052	1.400[a]	1.000	27.000	.247	.049
time * group	Pillai's Trace	.000	.001[a]	1.000	27.000	.980	.000
	Wilks' Lambda	1.000	.001[a]	1.000	27.000	.980	.000
	Hotelling's Trace	.000	.001[a]	1.000	27.000	.980	.000
	Roy's Largest Root	.000	.001[a]	1.000	27.000	.980	.000

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	9.817	1	9.817	3.338	.079	.110
	Greenhouse-Geisser	9.817	1.000	9.817	3.338	.079	.110
	Huynh-Feldt	9.817	1.000	9.817	3.338	.079	.110
	Lower-bound	9.817	1.000	9.817	3.338	.079	.110
time * transplant	Sphericity Assumed	4.119	1	4.119	1.400	.247	.049
	Greenhouse-Geisser	4.119	1.000	4.119	1.400	.247	.049
	Huynh-Feldt	4.119	1.000	4.119	1.400	.247	.049
	Lower-bound	4.119	1.000	4.119	1.400	.247	.049
time * group	Sphericity Assumed	.002	1	.002	.001	.980	.000
	Greenhouse-Geisser	.002	1.000	.002	.001	.980	.000
	Huynh-Feldt	.002	1.000	.002	.001	.980	.000
	Lower-bound	.002	1.000	.002	.001	.980	.000
Error(time)	Sphericity Assumed	79.415	27	2.941			
	Greenhouse-Geisser	79.415	27.000	2.941			
	Huynh-Feldt	79.415	27.000	2.941			
	Lower-bound	79.415	27.000	2.941			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	9.817	1	9.817	3.338	.079	.110
time * transplant	Linear	4.119	1	4.119	1.400	.247	.049
time * group	Linear	.002	1	.002	.001	.980	.000
Error(time)	Linear	79.415	27	2.941			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	668.407	1	668.407	171.852	.000	.864
transplant	6.519	1	6.519	1.676	.206	.058
group	9.069	1	9.069	2.332	.138	.079
Error	105.015	27	3.889			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	underst
2	underst2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
underst How well do you feel you understand your illness	0 Education	7.27	2.434	15
	1 Control	8.27	1.751	15
	Total	7.77	2.144	30
underst2 How well do you feel you understand your illness	0 Education	7.73	1.624	15
	1 Control	7.73	1.870	15
	Total	7.73	1.721	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.030	.822[a]	1.000	27.000	.373	.030
	Wilks' Lambda	.970	.822[a]	1.000	27.000	.373	.030
	Hotelling's Trace	.030	.822[a]	1.000	27.000	.373	.030
	Roy's Largest Root	.030	.822[a]	1.000	27.000	.373	.030
time * transplant	Pillai's Trace	.033	.924[a]	1.000	27.000	.345	.033
	Wilks' Lambda	.967	.924[a]	1.000	27.000	.345	.033
	Hotelling's Trace	.034	.924[a]	1.000	27.000	.345	.033
	Roy's Largest Root	.034	.924[a]	1.000	27.000	.345	.033
time * group	Pillai's Trace	.090	2.677[a]	1.000	27.000	.113	.090
	Wilks' Lambda	.910	2.677[a]	1.000	27.000	.113	.090
	Hotelling's Trace	.099	2.677[a]	1.000	27.000	.113	.090
	Roy's Largest Root	.099	2.677[a]	1.000	27.000	.113	.090

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	1.375	1	1.375	.822	.373	.030
	Greenhouse-Geisser	1.375	1.000	1.375	.822	.373	.030
	Huynh-Feldt	1.375	1.000	1.375	.822	.373	.030
	Lower-bound	1.375	1.000	1.375	.822	.373	.030
time * transplant	Sphericity Assumed	1.547	1	1.547	.924	.345	.033
	Greenhouse-Geisser	1.547	1.000	1.547	.924	.345	.033
	Huynh-Feldt	1.547	1.000	1.547	.924	.345	.033
	Lower-bound	1.547	1.000	1.547	.924	.345	.033
time * group	Sphericity Assumed	4.480	1	4.480	2.677	.113	.090
	Greenhouse-Geisser	4.480	1.000	4.480	2.677	.113	.090
	Huynh-Feldt	4.480	1.000	4.480	2.677	.113	.090
	Lower-bound	4.480	1.000	4.480	2.677	.113	.090
Error(time)	Sphericity Assumed	45.186	27	1.674			
	Greenhouse-Geisser	45.186	27.000	1.674			
	Huynh-Feldt	45.186	27.000	1.674			
	Lower-bound	45.186	27.000	1.674			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	1.375	1	1.375	.822	.373	.030
time * transplant	Linear	1.547	1	1.547	.924	.345	.033
time * group	Linear	4.480	1	4.480	2.677	.113	.090
Error(time)	Linear	45.186	27	1.674			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	689.143	1	689.143	112.842	.000	.807
transplant	.107	1	.107	.018	.896	.001
group	3.440	1	3.440	.563	.459	.020
Error	164.893	27	6.107			

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
emotion How much does your illness affect you emotionally?	0 Education	6.13	2.134	15
	1 Control	6.80	2.274	15
	Total	6.47	2.193	30
emot2 How much does your illness affect you emotionally?	0 Education	5.87	2.503	15
	1 Control	6.07	2.282	15
	Total	5.97	2.356	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.014	.379[a]	1.000	27.000	.543	.014
	Wilks' Lambda	.986	.379[a]	1.000	27.000	.543	.014
	Hotelling's Trace	.014	.379[a]	1.000	27.000	.543	.014
	Roy's Largest Root	.014	.379[a]	1.000	27.000	.543	.014
time * transplant	Pillai's Trace	.001	.024[a]	1.000	27.000	.879	.001
	Wilks' Lambda	.999	.024[a]	1.000	27.000	.879	.001
	Hotelling's Trace	.001	.024[a]	1.000	27.000	.879	.001
	Roy's Largest Root	.001	.024[a]	1.000	27.000	.879	.001
time * group	Pillai's Trace	.021	.575[a]	1.000	27.000	.455	.021
	Wilks' Lambda	.979	.575[a]	1.000	27.000	.455	.021
	Hotelling's Trace	.021	.575[a]	1.000	27.000	.455	.021
	Roy's Largest Root	.021	.575[a]	1.000	27.000	.455	.021

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.490	1	.490	.379	.543	.014
	Greenhouse-Geisser	.490	1.000	.490	.379	.543	.014
	Huynh-Feldt	.490	1.000	.490	.379	.543	.014
	Lower-bound	.490	1.000	.490	.379	.543	.014
time * transplant	Sphericity Assumed	.030	1	.030	.024	.879	.001
	Greenhouse-Geisser	.030	1.000	.030	.024	.879	.001
	Huynh-Feldt	.030	1.000	.030	.024	.879	.001
	Lower-bound	.030	1.000	.030	.024	.879	.001
time * group	Sphericity Assumed	.743	1	.743	.575	.455	.021
	Greenhouse-Geisser	.743	1.000	.743	.575	.455	.021
	Huynh-Feldt	.743	1.000	.743	.575	.455	.021
	Lower-bound	.743	1.000	.743	.575	.455	.021
Error(time)	Sphericity Assumed	34.903	27	1.293			
	Greenhouse-Geisser	34.903	27.000	1.293			
	Huynh-Feldt	34.903	27.000	1.293			
	Lower-bound	34.903	27.000	1.293			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.490	1	.490	.379	.543	.014
time * transplant	Linear	.030	1	.030	.024	.879	.001
time * group	Linear	.743	1	.743	.575	.455	.021
Error(time)	Linear	34.903	27	1.293			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	508.314	1	508.314	52.804	.000	.662
transplant	1.950	1	1.950	.203	.656	.007
group	3.563	1	3.563	.370	.548	.014
Error	259.916	27	9.627			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	OverallSat
2	overalsat2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	14
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
OverallSat Overall satisfaction with information	0 Education	2.64	.745	14
	1 Control	2.87	.516	15
	Total	2.76	.636	29
overalsat2 Overall satisfaction with information	0 Education	3.07	.475	14
	1 Control	3.13	.516	15
	Total	3.10	.489	29

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.010	.268[a]	1.000	26.000	.609	.010
	Wilks' Lambda	.990	.268[a]	1.000	26.000	.609	.010
	Hotelling's Trace	.010	.268[a]	1.000	26.000	.609	.010
	Roy's Largest Root	.010	.268[a]	1.000	26.000	.609	.010
time * transplant	Pillai's Trace	.033	.880[a]	1.000	26.000	.357	.033
	Wilks' Lambda	.967	.880[a]	1.000	26.000	.357	.033
	Hotelling's Trace	.034	.880[a]	1.000	26.000	.357	.033
	Roy's Largest Root	.034	.880[a]	1.000	26.000	.357	.033
time * group	Pillai's Trace	.028	.749[a]	1.000	26.000	.395	.028
	Wilks' Lambda	.972	.749[a]	1.000	26.000	.395	.028
	Hotelling's Trace	.029	.749[a]	1.000	26.000	.395	.028
	Roy's Largest Root	.029	.749[a]	1.000	26.000	.395	.028

a. Exact statistic

b. Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.052	1	.052	.268	.609	.010
	Greenhouse-Geisser	.052	1.000	.052	.268	.609	.010
	Huynh-Feldt	.052	1.000	.052	.268	.609	.010
	Lower-bound	.052	1.000	.052	.268	.609	.010
time * transplant	Sphericity Assumed	.170	1	.170	.880	.357	.033
	Greenhouse-Geisser	.170	1.000	.170	.880	.357	.033
	Huynh-Feldt	.170	1.000	.170	.880	.357	.033
	Lower-bound	.170	1.000	.170	.880	.357	.033
time * group	Sphericity Assumed	.144	1	.144	.749	.395	.028
	Greenhouse-Geisser	.144	1.000	.144	.749	.395	.028
	Huynh-Feldt	.144	1.000	.144	.749	.395	.028
	Lower-bound	.144	1.000	.144	.749	.395	.028
Error(time)	Sphericity Assumed	5.011	26	.193			
	Greenhouse-Geisser	5.011	26.000	.193			
	Huynh-Feldt	5.011	26.000	.193			
	Lower-bound	5.011	26.000	.193			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.052	1	.052	.268	.609	.010
time * transplant	Linear	.170	1	.170	.880	.357	.033
time * group	Linear	.144	1	.144	.749	.395	.028
Error(time)	Linear	5.011	26	.193			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	126.498	1	126.498	311.479	.000	.923
transplant	1.869	1	1.869	4.603	.041	.150
group	.626	1	.626	1.541	.226	.056
Error	10.559	26	.406			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	Know1
2	Know2

Between-Subjects Factors

		Value Label	N
group	0	Education	15
Group	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
Know1 Patient knowledge (baseline)	0 Education	77.5333	9.12506	15
	1 Control	84.2143	8.48690	14
	Total	80.7586	9.30689	29
Know2 Patient knowledge (time 2)	0 Education	88.2667	8.83553	15
	1 Control	82.7857	8.98870	14
	Total	85.6207	9.18233	29

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.341	13.474[a]	1.000	26.000	.001	.341
	Wilks' Lambda	.659	13.474[a]	1.000	26.000	.001	.341
	Hotelling's Trace	.518	13.474[a]	1.000	26.000	.001	.341
	Roy's Largest Root	.518	13.474[a]	1.000	26.000	.001	.341
time * transplant	Pillai's Trace	.125	3.701[a]	1.000	26.000	.065	.125
	Wilks' Lambda	.875	3.701[a]	1.000	26.000	.065	.125
	Hotelling's Trace	.142	3.701[a]	1.000	26.000	.065	.125
	Roy's Largest Root	.142	3.701[a]	1.000	26.000	.065	.125
time * group	Pillai's Trace	.521	28.227[a]	1.000	26.000	.000	.521
	Wilks' Lambda	.479	28.227[a]	1.000	26.000	.000	.521
	Hotelling's Trace	1.086	28.227[a]	1.000	26.000	.000	.521
	Roy's Largest Root	1.086	28.227[a]	1.000	26.000	.000	.521

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	224.189	1	224.189	13.474	.001	.341
	Greenhouse-Geisser	224.189	1.000	224.189	13.474	.001	.341
	Huynh-Feldt	224.189	1.000	224.189	13.474	.001	.341
	Lower-bound	224.189	1.000	224.189	13.474	.001	.341
time * transplant	Sphericity Assumed	61.574	1	61.574	3.701	.065	.125
	Greenhouse-Geisser	61.574	1.000	61.574	3.701	.065	.125
	Huynh-Feldt	61.574	1.000	61.574	3.701	.065	.125
	Lower-bound	61.574	1.000	61.574	3.701	.065	.125
time * group	Sphericity Assumed	469.669	1	469.669	28.227	.000	.521
	Greenhouse-Geisser	469.669	1.000	469.669	28.227	.000	.521
	Huynh-Feldt	469.669	1.000	469.669	28.227	.000	.521
	Lower-bound	469.669	1.000	469.669	28.227	.000	.521
Error(time)	Sphericity Assumed	432.607	26	16.639			
	Greenhouse-Geisser	432.607	26.000	16.639			
	Huynh-Feldt	432.607	26.000	16.639			
	Lower-bound	432.607	26.000	16.639			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	224.189	1	224.189	13.474	.001	.341
time * transplant	Linear	61.574	1	61.574	3.701	.065	.125
time * group	Linear	469.669	1	469.669	28.227	.000	.521
Error(time)	Linear	432.607	26	16.639			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	68781.188	1	68781.188	575.014	.000	.957
transplant	641.171	1	641.171	5.360	.029	.171
group	2.594	1	2.594	.022	.884	.001
Error	3110.029	26	119.616			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	HADSA1
2	HADSA2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
HADSA1 Patient anxiety (baseline)	0 Education	6.8000	4.16104	15
	1 Control	7.6000	4.79285	15
	Total	7.2000	4.42875	30
HADSA2 Patient anxiety (time 2)	0 Education	6.8000	4.49126	15
	1 Control	7.7333	4.80278	15
	Total	7.2667	4.59335	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.007	.199[a]	1.000	27.000	.659	.007
	Wilks' Lambda	.993	.199[a]	1.000	27.000	.659	.007
	Hotelling's Trace	.007	.199[a]	1.000	27.000	.659	.007
	Roy's Largest Root	.007	.199[a]	1.000	27.000	.659	.007
time * transplant	Pillai's Trace	.006	.165[a]	1.000	27.000	.687	.006
	Wilks' Lambda	.994	.165[a]	1.000	27.000	.687	.006
	Hotelling's Trace	.006	.165[a]	1.000	27.000	.687	.006
	Roy's Largest Root	.006	.165[a]	1.000	27.000	.687	.006
time * group	Pillai's Trace	.002	.063[a]	1.000	27.000	.804	.002
	Wilks' Lambda	.998	.063[a]	1.000	27.000	.804	.002
	Hotelling's Trace	.002	.063[a]	1.000	27.000	.804	.002
	Roy's Largest Root	.002	.063[a]	1.000	27.000	.804	.002

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.388	1	.388	.199	.659	.007
	Greenhouse-Geisser	.388	1.000	.388	.199	.659	.007
	Huynh-Feldt	.388	1.000	.388	.199	.659	.007
	Lower-bound	.388	1.000	.388	.199	.659	.007
time * transplant	Sphericity Assumed	.322	1	.322	.165	.687	.006
	Greenhouse-Geisser	.322	1.000	.322	.165	.687	.006
	Huynh-Feldt	.322	1.000	.322	.165	.687	.006
	Lower-bound	.322	1.000	.322	.165	.687	.006
time * group	Sphericity Assumed	.122	1	.122	.063	.804	.002
	Greenhouse-Geisser	.122	1.000	.122	.063	.804	.002
	Huynh-Feldt	.122	1.000	.122	.063	.804	.002
	Lower-bound	.122	1.000	.122	.063	.804	.002
Error(time)	Sphericity Assumed	52.545	27	1.946			
	Greenhouse-Geisser	52.545	27.000	1.946			
	Huynh-Feldt	52.545	27.000	1.946			
	Lower-bound	52.545	27.000	1.946			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.388	1	.388	.199	.659	.007
time * transplant	Linear	.322	1	.322	.165	.687	.006
time * group	Linear	.122	1	.122	.063	.804	.002
Error(time)	Linear	52.545	27	1.946			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	367.785	1	367.785	9.216	.005	.254
transplant	38.950	1	38.950	.976	.332	.035
group	5.150	1	5.150	.129	.722	.005
Error	1077.516	27	39.908			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	HADSD1
2	HADSD2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
HADSD1 Patient depression (baseline)	0 Education	6.0000	4.69042	15
	1 Control	6.5333	3.37780	15
	Total	6.2667	4.02521	30
HADSD2 Patient depression (time 2)	0 Education	6.0000	5.35857	15
	1 Control	5.6000	4.30614	15
	Total	5.8000	4.78071	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.064	1.861[a]	1.000	27.000	.184	.064
	Wilks' Lambda	.936	1.861[a]	1.000	27.000	.184	.064
	Hotelling's Trace	.069	1.861[a]	1.000	27.000	.184	.064
	Roy's Largest Root	.069	1.861[a]	1.000	27.000	.184	.064
time * transplant	Pillai's Trace	.046	1.298[a]	1.000	27.000	.265	.046
	Wilks' Lambda	.954	1.298[a]	1.000	27.000	.265	.046
	Hotelling's Trace	.048	1.298[a]	1.000	27.000	.265	.046
	Roy's Largest Root	.048	1.298[a]	1.000	27.000	.265	.046
time * group	Pillai's Trace	.033	.908[a]	1.000	27.000	.349	.033
	Wilks' Lambda	.967	.908[a]	1.000	27.000	.349	.033
	Hotelling's Trace	.034	.908[a]	1.000	27.000	.349	.033
	Roy's Largest Root	.034	.908[a]	1.000	27.000	.349	.033

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	10.157	1	10.157	1.861	.184	.064
	Greenhouse-Geisser	10.157	1.000	10.157	1.861	.184	.064
	Huynh-Feldt	10.157	1.000	10.157	1.861	.184	.064
	Lower-bound	10.157	1.000	10.157	1.861	.184	.064
time * transplant	Sphericity Assumed	7.088	1	7.088	1.298	.265	.046
	Greenhouse-Geisser	7.088	1.000	7.088	1.298	.265	.046
	Huynh-Feldt	7.088	1.000	7.088	1.298	.265	.046
	Lower-bound	7.088	1.000	7.088	1.298	.265	.046
time * group	Sphericity Assumed	4.954	1	4.954	.908	.349	.033
	Greenhouse-Geisser	4.954	1.000	4.954	.908	.349	.033
	Huynh-Feldt	4.954	1.000	4.954	.908	.349	.033
	Lower-bound	4.954	1.000	4.954	.908	.349	.033
Error(time)	Sphericity Assumed	147.379	27	5.458			
	Greenhouse-Geisser	147.379	27.000	5.458			
	Huynh-Feldt	147.379	27.000	5.458			
	Lower-bound	147.379	27.000	5.458			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	10.157	1	10.157	1.861	.184	.064
time * transplant	Linear	7.088	1	7.088	1.298	.265	.046
time * group	Linear	4.954	1	4.954	.908	.349	.033
Error(time)	Linear	147.379	27	5.458			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	639.298	1	639.298	18.201	.000	.403
transplant	26.522	1	26.522	.755	.393	.027
group	1.239	1	1.239	.035	.852	.001
Error	948.345	27	35.124			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	confidant
2	confidant2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
confidant Confidant support (baseline)	0 Education	20.1667	4.34111	15
	1 Control	22.0667	3.03472	15
	Total	21.1167	3.80490	30
confidant2 Confidant support (time 2)	0 Education	11.3600	2.59031	15
	1 Control	12.4400	3.17058	15
	Total	11.9000	2.89720	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.595	39.634[a]	1.000	27.000	.000	.595
	Wilks' Lambda	.405	39.634[a]	1.000	27.000	.000	.595
	Hotelling's Trace	1.468	39.634[a]	1.000	27.000	.000	.595
	Roy's Largest Root	1.468	39.634[a]	1.000	27.000	.000	.595
time * transplant	Pillai's Trace	.003	.071[a]	1.000	27.000	.792	.003
	Wilks' Lambda	.997	.071[a]	1.000	27.000	.792	.003
	Hotelling's Trace	.003	.071[a]	1.000	27.000	.792	.003
	Roy's Largest Root	.003	.071[a]	1.000	27.000	.792	.003
time * group	Pillai's Trace	.015	.416[a]	1.000	27.000	.524	.015
	Wilks' Lambda	.985	.416[a]	1.000	27.000	.524	.015
	Hotelling's Trace	.015	.416[a]	1.000	27.000	.524	.015
	Roy's Largest Root	.015	.416[a]	1.000	27.000	.524	.015

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	269.182	1	269.182	39.634	.000	.595
	Greenhouse-Geisser	269.182	1.000	269.182	39.634	.000	.595
	Huynh-Feldt	269.182	1.000	269.182	39.634	.000	.595
	Lower-bound	269.182	1.000	269.182	39.634	.000	.595
time * transplant	Sphericity Assumed	.482	1	.482	.071	.792	.003
	Greenhouse-Geisser	.482	1.000	.482	.071	.792	.003
	Huynh-Feldt	.482	1.000	.482	.071	.792	.003
	Lower-bound	.482	1.000	.482	.071	.792	.003
time * group	Sphericity Assumed	2.827	1	2.827	.416	.524	.015
	Greenhouse-Geisser	2.827	1.000	2.827	.416	.524	.015
	Huynh-Feldt	2.827	1.000	2.827	.416	.524	.015
	Lower-bound	2.827	1.000	2.827	.416	.524	.015
Error(time)	Sphericity Assumed	183.378	27	6.792			
	Greenhouse-Geisser	183.378	27.000	6.792			
	Huynh-Feldt	183.378	27.000	6.792			
	Lower-bound	183.378	27.000	6.792			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	269.182	1	269.182	39.634	.000	.595
time * transplant	Linear	.482	1	.482	.071	.792	.003
time * group	Linear	2.827	1	2.827	.416	.524	.015
Error(time)	Linear	183.378	27	6.792			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	2946.046	1	2946.046	181.940	.000	.871
transplant	6.386	1	6.386	.394	.535	.014
group	27.761	1	27.761	1.714	.201	.060
Error	437.194	27	16.192			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	affective
2	affective2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
affective Affective support (baseline)	0 Education	14.4667	.91548	15
	1 Control	14.5333	.91548	15
	Total	14.5000	.90019	30
affective2 Affective support (time 2)	0 Education	13.3333	2.89499	15
	1 Control	14.7333	.70373	15
	Total	14.0333	2.18905	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.087	2.586[a]	1.000	27.000	.119	.087
	Wilks' Lambda	.913	2.586[a]	1.000	27.000	.119	.087
	Hotelling's Trace	.096	2.586[a]	1.000	27.000	.119	.087
	Roy's Largest Root	.096	2.586[a]	1.000	27.000	.119	.087
time * transplant	Pillai's Trace	.053	1.500[a]	1.000	27.000	.231	.053
	Wilks' Lambda	.947	1.500[a]	1.000	27.000	.231	.053
	Hotelling's Trace	.056	1.500[a]	1.000	27.000	.231	.053
	Roy's Largest Root	.056	1.500[a]	1.000	27.000	.231	.053
time * group	Pillai's Trace	.069	2.015[a]	1.000	27.000	.167	.069
	Wilks' Lambda	.931	2.015[a]	1.000	27.000	.167	.069
	Hotelling's Trace	.075	2.015[a]	1.000	27.000	.167	.069
	Roy's Largest Root	.075	2.015[a]	1.000	27.000	.167	.069

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	6.358	1	6.358	2.586	.119	.087
	Greenhouse-Geisser	6.358	1.000	6.358	2.586	.119	.087
	Huynh-Feldt	6.358	1.000	6.358	2.586	.119	.087
	Lower-bound	6.358	1.000	6.358	2.586	.119	.087
time * transplant	Sphericity Assumed	3.688	1	3.688	1.500	.231	.053
	Greenhouse-Geisser	3.688	1.000	3.688	1.500	.231	.053
	Huynh-Feldt	3.688	1.000	3.688	1.500	.231	.053
	Lower-bound	3.688	1.000	3.688	1.500	.231	.053
time * group	Sphericity Assumed	4.954	1	4.954	2.015	.167	.069
	Greenhouse-Geisser	4.954	1.000	4.954	2.015	.167	.069
	Huynh-Feldt	4.954	1.000	4.954	2.015	.167	.069
	Lower-bound	4.954	1.000	4.954	2.015	.167	.069
Error(time)	Sphericity Assumed	66.379	27	2.458			
	Greenhouse-Geisser	66.379	27.000	2.458			
	Huynh-Feldt	66.379	27.000	2.458			
	Lower-bound	66.379	27.000	2.458			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	6.358	1	6.358	2.586	.119	.087
time * transplant	Linear	3.688	1	3.688	1.500	.231	.053
time * group	Linear	4.954	1	4.954	2.015	.167	.069
Error(time)	Linear	66.379	27	2.458			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	2063.078	1	2063.078	885.354	.000	.970
transplant	14.750	1	14.750	6.330	.018	.190
group	4.667	1	4.667	2.003	.168	.069
Error	62.916	27	2.330			

Within-Subjects Factors

Measure: MEASURE_1

Time	Dependent Variable
1	Information Satisfaction
2	Information Sat2

Between-Subjects Factors

		Value Label	N
group	0	Education	16
Group	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
InformationSatisfaction	0 Education	2.6875	.55603	16
	1 Control	2.9571	.56120	14
	Total	2.8133	.56552	30
InformationSat2	0 Education	2.8875	.49514	16
	1 Control	2.9714	.70540	14
	Total	2.9267	.59302	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Time	Pillai's Trace	.046	1.356[a]	1.000	28.000	.254	.046
	Wilks' Lambda	.954	1.356[a]	1.000	28.000	.254	.046
	Hotelling's Trace	.048	1.356[a]	1.000	28.000	.254	.046
	Roy's Largest Root	.048	1.356[a]	1.000	28.000	.254	.046
Time * group	Pillai's Trace	.035	1.019[a]	1.000	28.000	.321	.035
	Wilks' Lambda	.965	1.019[a]	1.000	28.000	.321	.035
	Hotelling's Trace	.036	1.019[a]	1.000	28.000	.321	.035
	Roy's Largest Root	.036	1.019[a]	1.000	28.000	.321	.035

a. Exact statistic

b.
Design: Intercept+group
Within Subjects Design: Time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+group
Within Subjects Design: Time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Sphericity Assumed	.171	1	.171	1.356	.254	.046
	Greenhouse-Geisser	.171	1.000	.171	1.356	.254	.046
	Huynh-Feldt	.171	1.000	.171	1.356	.254	.046
	Lower-bound	.171	1.000	.171	1.356	.254	.046
Time * group	Sphericity Assumed	.129	1	.129	1.019	.321	.035
	Greenhouse-Geisser	.129	1.000	.129	1.019	.321	.035
	Huynh-Feldt	.129	1.000	.129	1.019	.321	.035
	Lower-bound	.129	1.000	.129	1.019	.321	.035
Error(Time)	Sphericity Assumed	3.539	28	.126			
	Greenhouse-Geisser	3.539	28.000	.126			
	Huynh-Feldt	3.539	28.000	.126			
	Lower-bound	3.539	28.000	.126			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Linear	.171	1	.171	1.356	.254	.046
Time * group	Linear	.129	1	.129	1.019	.321	.035
Error(Time)	Linear	3.539	28	.126			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	494.040	1	494.040	901.810	.000	.970
group	.467	1	.467	.852	.364	.030
Error	15.339	28	.548			

Within-Subjects Factors

Measure: MEASURE_1

Time	Dependent Variable
1	confidant
2	confidant2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
confidant Confidant support (baseline)	0 Education	20.1667	4.34111	15
	1 Control	22.0667	3.03472	15
	Total	21.1167	3.80490	30
confidant2 Confidant support (time 2)	0 Education	11.3600	2.59031	15
	1 Control	12.4400	3.17058	15
	Total	11.9000	2.89720	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Time	Pillai's Trace	.874	194.049[a]	1.000	28.000	.000	.874
	Wilks' Lambda	.126	194.049[a]	1.000	28.000	.000	.874
	Hotelling's Trace	6.930	194.049[a]	1.000	28.000	.000	.874
	Roy's Largest Root	6.930	194.049[a]	1.000	28.000	.000	.874
Time * group	Pillai's Trace	.014	.384[a]	1.000	28.000	.540	.014
	Wilks' Lambda	.986	.384[a]	1.000	28.000	.540	.014
	Hotelling's Trace	.014	.384[a]	1.000	28.000	.540	.014
	Roy's Largest Root	.014	.384[a]	1.000	28.000	.540	.014

a. Exact statistic

b.
Design: Intercept+group
Within Subjects Design: Time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b.
Design: Intercept+group
Within Subjects Design: Time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Sphericity Assumed	1274.204	1	1274.204	194.049	.000	.874
	Greenhouse-Geisser	1274.204	1.000	1274.204	194.049	.000	.874
	Huynh-Feldt	1274.204	1.000	1274.204	194.049	.000	.874
	Lower-bound	1274.204	1.000	1274.204	194.049	.000	.874
Time * group	Sphericity Assumed	2.521	1	2.521	.384	.540	.014
	Greenhouse-Geisser	2.521	1.000	2.521	.384	.540	.014
	Huynh-Feldt	2.521	1.000	2.521	.384	.540	.014
	Lower-bound	2.521	1.000	2.521	.384	.540	.014
Error(Time)	Sphericity Assumed	183.859	28	6.566			
	Greenhouse-Geisser	183.859	28.000	6.566			
	Huynh-Feldt	183.859	28.000	6.566			
	Lower-bound	183.859	28.000	6.566			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Linear	1274.204	1	1274.204	194.049	.000	.874
Time * group	Linear	2.521	1	2.521	.384	.540	.014
Error(Time)	Linear	183.859	28	6.566			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	16351.504	1	16351.504	1032.154	.000	.974
group	33.302	1	33.302	2.102	.158	.070
Error	443.579	28	15.842			

Within-Subjects Factors

Measure: MEASURE_1

Time	Dependent Variable
1	affective
2	affective2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	15

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
affective Affective support (baseline)	0 Education	14.4667	.91548	15
	1 Control	14.5333	.91548	15
	Total	14.5000	.90019	30
affective2 Affective support (time 2)	0 Education	13.3333	2.89499	15
	1 Control	14.7333	.70373	15
	Total	14.0333	2.18905	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Time	Pillai's Trace	.045	1.305[a]	1.000	28.000	.263	.045
	Wilks' Lambda	.955	1.305[a]	1.000	28.000	.263	.045
	Hotelling's Trace	.047	1.305[a]	1.000	28.000	.263	.045
	Roy's Largest Root	.047	1.305[a]	1.000	28.000	.263	.045
Time * group	Pillai's Trace	.087	2.664[a]	1.000	28.000	.114	.087
	Wilks' Lambda	.913	2.664[a]	1.000	28.000	.114	.087
	Hotelling's Trace	.095	2.664[a]	1.000	28.000	.114	.087
	Roy's Largest Root	.095	2.664[a]	1.000	28.000	.114	.087

a. Exact statistic

b.
Design: Intercept+group
Within Subjects Design: Time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+group
Within Subjects Design: Time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Sphericity Assumed	3.267	1	3.267	1.305	.263	.045
	Greenhouse-Geisser	3.267	1.000	3.267	1.305	.263	.045
	Huynh-Feldt	3.267	1.000	3.267	1.305	.263	.045
	Lower-bound	3.267	1.000	3.267	1.305	.263	.045
Time * group	Sphericity Assumed	6.667	1	6.667	2.664	.114	.087
	Greenhouse-Geisser	6.667	1.000	6.667	2.664	.114	.087
	Huynh-Feldt	6.667	1.000	6.667	2.664	.114	.087
	Lower-bound	6.667	1.000	6.667	2.664	.114	.087
Error(Time)	Sphericity Assumed	70.067	28	2.502			
	Greenhouse-Geisser	70.067	28.000	2.502			
	Huynh-Feldt	70.067	28.000	2.502			
	Lower-bound	70.067	28.000	2.502			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Linear	3.267	1	3.267	1.305	.263	.045
Time * group	Linear	6.667	1	6.667	2.664	.114	.087
Error(Time)	Linear	70.067	28	2.502			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	12212.267	1	12212.267	4402.706	.000	.994
group	8.067	1	8.067	2.908	.099	.094
Error	77.667	28	2.774			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	CKnow1
2	CKnow2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	15
	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
CKnow1 Carer knowledge (baseline)	0 Education	76.0667	6.71317	15
	1 Control	81.8571	9.96808	14
	Total	78.8621	8.79417	29
CKnow2 Carer knowledge (time 2)	0 Education	84.8000	8.93788	15
	1 Control	82.5000	10.46422	14
	Total	83.6897	9.59949	29

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.016	.435[a]	1.000	26.000	.515	.016
	Wilks' Lambda	.984	.435[a]	1.000	26.000	.515	.016
	Hotelling's Trace	.017	.435[a]	1.000	26.000	.515	.016
	Roy's Largest Root	.017	.435[a]	1.000	26.000	.515	.016
time * transplant	Pillai's Trace	.063	1.759[a]	1.000	26.000	.196	.063
	Wilks' Lambda	.937	1.759[a]	1.000	26.000	.196	.063
	Hotelling's Trace	.068	1.759[a]	1.000	26.000	.196	.063
	Roy's Largest Root	.068	1.759[a]	1.000	26.000	.196	.063
time * group	Pillai's Trace	.298	11.033[a]	1.000	26.000	.003	.298
	Wilks' Lambda	.702	11.033[a]	1.000	26.000	.003	.298
	Hotelling's Trace	.424	11.033[a]	1.000	26.000	.003	.298
	Roy's Largest Root	.424	11.033[a]	1.000	26.000	.003	.298

a. Exact statistic

b. Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	10.942	1	10.942	.435	.515	.016
	Greenhouse-Geisser	10.942	1.000	10.942	.435	.515	.016
	Huynh-Feldt	10.942	1.000	10.942	.435	.515	.016
	Lower-bound	10.942	1.000	10.942	.435	.515	.016
time * transplant	Sphericity Assumed	44.246	1	44.246	1.759	.196	.063
	Greenhouse-Geisser	44.246	1.000	44.246	1.759	.196	.063
	Huynh-Feldt	44.246	1.000	44.246	1.759	.196	.063
	Lower-bound	44.246	1.000	44.246	1.759	.196	.063
time * group	Sphericity Assumed	277.458	1	277.458	11.033	.003	.298
	Greenhouse-Geisser	277.458	1.000	277.458	11.033	.003	.298
	Huynh-Feldt	277.458	1.000	277.458	11.033	.003	.298
	Lower-bound	277.458	1.000	277.458	11.033	.003	.298
Error(time)	Sphericity Assumed	653.828	26	25.147			
	Greenhouse-Geisser	653.828	26.000	25.147			
	Huynh-Feldt	653.828	26.000	25.147			
	Lower-bound	653.828	26.000	25.147			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	10.942	1	10.942	.435	.515	.016
time * transplant	Linear	44.246	1	44.246	1.759	.196	.063
time * group	Linear	277.458	1	277.458	11.033	.003	.298
Error(time)	Linear	653.828	26	25.147			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	84940.563	1	84940.563	711.497	.000	.965
transplant	662.517	1	662.517	5.550	.026	.176
group	1.079	1	1.079	.009	.925	.000
Error	3103.957	26	119.383			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	CHADSA1
2	CHADSA2

Between-Subjects Factors

		Value Label	N
group	0	Education	16
Group	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
CHADSA1 Carer anxiety (baseline)	0 Education	10.0000	4.14729	16
	1 Control	10.0714	4.46291	14
	Total	10.0333	4.22214	30
CHADSA2 Carer anxiety (time 2)	0 Education	10.0000	4.27395	16
	1 Control	10.9286	4.39343	14
	Total	10.4333	4.28054	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.011	.313[a]	1.000	27.000	.580	.011
	Wilks' Lambda	.989	.313[a]	1.000	27.000	.580	.011
	Hotelling's Trace	.012	.313[a]	1.000	27.000	.580	.011
	Roy's Largest Root	.012	.313[a]	1.000	27.000	.580	.011
time * transplant	Pillai's Trace	.052	1.490[a]	1.000	27.000	.233	.052
	Wilks' Lambda	.948	1.490[a]	1.000	27.000	.233	.052
	Hotelling's Trace	.055	1.490[a]	1.000	27.000	.233	.052
	Roy's Largest Root	.055	1.490[a]	1.000	27.000	.233	.052
time * group	Pillai's Trace	.015	.411[a]	1.000	27.000	.527	.015
	Wilks' Lambda	.985	.411[a]	1.000	27.000	.527	.015
	Hotelling's Trace	.015	.411[a]	1.000	27.000	.527	.015
	Roy's Largest Root	.015	.411[a]	1.000	27.000	.527	.015

a. Exact statistic

b. Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

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a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.867	1	.867	.313	.580	.011
	Greenhouse-Geisser	.867	1.000	.867	.313	.580	.011
	Huynh-Feldt	.867	1.000	.867	.313	.580	.011
	Lower-bound	.867	1.000	.867	.313	.580	.011
time * transplant	Sphericity Assumed	4.125	1	4.125	1.490	.233	.052
	Greenhouse-Geisser	4.125	1.000	4.125	1.490	.233	.052
	Huynh-Feldt	4.125	1.000	4.125	1.490	.233	.052
	Lower-bound	4.125	1.000	4.125	1.490	.233	.052
time * group	Sphericity Assumed	1.137	1	1.137	.411	.527	.015
	Greenhouse-Geisser	1.137	1.000	1.137	.411	.527	.015
	Huynh-Feldt	1.137	1.000	1.137	.411	.527	.015
	Lower-bound	1.137	1.000	1.137	.411	.527	.015
Error(time)	Sphericity Assumed	74.732	27	2.768			
	Greenhouse-Geisser	74.732	27.000	2.768			
	Huynh-Feldt	74.732	27.000	2.768			
	Lower-bound	74.732	27.000	2.768			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.867	1	.867	.313	.580	.011
time * transplant	Linear	4.125	1	4.125	1.490	.233	.052
time * group	Linear	1.137	1	1.137	.411	.527	.015
Error(time)	Linear	74.732	27	2.768			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	1387.060	1	1387.060	39.191	.000	.592
transplant	7.412	1	7.412	.209	.651	.008
group	1.327	1	1.327	.037	.848	.001
Error	955.588	27	35.392			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	CHADSD1
2	CHADSD2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	16
	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
CHADSD1 Carer depression (baseline)	0 Education	6.5000	3.59629	16
	1 Control	6.8571	4.80156	14
	Total	6.6667	4.13007	30
CHADSD2 Carer depression (time 2)	0 Education	6.6250	3.84491	16
	1 Control	7.3571	5.04758	14
	Total	6.9667	4.38244	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.002	.064[a]	1.000	27.000	.802	.002
	Wilks' Lambda	.998	.064[a]	1.000	27.000	.802	.002
	Hotelling's Trace	.002	.064[a]	1.000	27.000	.802	.002
	Roy's Largest Root	.002	.064[a]	1.000	27.000	.802	.002
time * transplant	Pillai's Trace	.021	.576[a]	1.000	27.000	.455	.021
	Wilks' Lambda	.979	.576[a]	1.000	27.000	.455	.021
	Hotelling's Trace	.021	.576[a]	1.000	27.000	.455	.021
	Roy's Largest Root	.021	.576[a]	1.000	27.000	.455	.021
time * group	Pillai's Trace	.003	.072[a]	1.000	27.000	.790	.003
	Wilks' Lambda	.997	.072[a]	1.000	27.000	.790	.003
	Hotelling's Trace	.003	.072[a]	1.000	27.000	.790	.003
	Roy's Largest Root	.003	.072[a]	1.000	27.000	.790	.003

a. Exact statistic

b.
Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a]		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

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b.
Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	.143	1	.143	.064	.802	.002
	Greenhouse-Geisser	.143	1.000	.143	.064	.802	.002
	Huynh-Feldt	.143	1.000	.143	.064	.802	.002
	Lower-bound	.143	1.000	.143	.064	.802	.002
time * transplant	Sphericity Assumed	1.287	1	1.287	.576	.455	.021
	Greenhouse-Geisser	1.287	1.000	1.287	.576	.455	.021
	Huynh-Feldt	1.287	1.000	1.287	.576	.455	.021
	Lower-bound	1.287	1.000	1.287	.576	.455	.021
time * group	Sphericity Assumed	.162	1	.162	.072	.790	.003
	Greenhouse-Geisser	.162	1.000	.162	.072	.790	.003
	Huynh-Feldt	.162	1.000	.162	.072	.790	.003
	Lower-bound	.162	1.000	.162	.072	.790	.003
Error(time)	Sphericity Assumed	60.338	27	2.235			
	Greenhouse-Geisser	60.338	27.000	2.235			
	Huynh-Feldt	60.338	27.000	2.235			
	Lower-bound	60.338	27.000	2.235			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	.143	1	.143	.064	.802	.002
time * transplant	Linear	1.287	1	1.287	.576	.455	.021
time * group	Linear	.162	1	.162	.072	.790	.003
Error(time)	Linear	60.338	27	2.235			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	824.701	1	824.701	22.769	.000	.457
transplant	7.121	1	7.121	.197	.661	.007
group	7.453	1	7.453	.206	.654	.008
Error	977.933	27	36.220			

Within-Subjects Factors

Measure: MEASURE_1

time	Dependent Variable
1	c_distress
2	c_distress2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	16
	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
c_distress Carer distress thermometer (baseline)	0 Education	5.31	1.887	16
	1 Control	5.21	2.517	14
	Total	5.27	2.164	30
c_distress2 Carer distress thermometer (time 2)	0 Education	5.50	2.733	16
	1 Control	5.14	2.445	14
	Total	5.33	2.564	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
time	Pillai's Trace	.041	1.157[a]	1.000	27.000	.292	.041
	Wilks' Lambda	.959	1.157[a]	1.000	27.000	.292	.041
	Hotelling's Trace	.043	1.157[a]	1.000	27.000	.292	.041
	Roy's Largest Root	.043	1.157[a]	1.000	27.000	.292	.041
time * transplant	Pillai's Trace	.062	1.789[a]	1.000	27.000	.192	.062
	Wilks' Lambda	.938	1.789[a]	1.000	27.000	.192	.062
	Hotelling's Trace	.066	1.789[a]	1.000	27.000	.192	.062
	Roy's Largest Root	.066	1.789[a]	1.000	27.000	.192	.062
time * group	Pillai's Trace	.018	.500[a]	1.000	27.000	.485	.018
	Wilks' Lambda	.982	.500[a]	1.000	27.000	.485	.018
	Hotelling's Trace	.019	.500[a]	1.000	27.000	.485	.018
	Roy's Largest Root	.019	.500[a]	1.000	27.000	.485	.018

a. Exact statistic

b. Design: Intercept+transplant+group
Within Subjects Design: time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+transplant+group
Within Subjects Design: time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Sphericity Assumed	2.117	1	2.117	1.157	.292	.041
	Greenhouse-Geisser	2.117	1.000	2.117	1.157	.292	.041
	Huynh-Feldt	2.117	1.000	2.117	1.157	.292	.041
	Lower-bound	2.117	1.000	2.117	1.157	.292	.041
time * transplant	Sphericity Assumed	3.275	1	3.275	1.789	.192	.062
	Greenhouse-Geisser	3.275	1.000	3.275	1.789	.192	.062
	Huynh-Feldt	3.275	1.000	3.275	1.789	.192	.062
	Lower-bound	3.275	1.000	3.275	1.789	.192	.062
time * group	Sphericity Assumed	.915	1	.915	.500	.485	.018
	Greenhouse-Geisser	.915	1.000	.915	.500	.485	.018
	Huynh-Feldt	.915	1.000	.915	.500	.485	.018
	Lower-bound	.915	1.000	.915	.500	.485	.018
Error(time)	Sphericity Assumed	49.408	27	1.830			
	Greenhouse-Geisser	49.408	27.000	1.830			
	Huynh-Feldt	49.408	27.000	1.830			
	Lower-bound	49.408	27.000	1.830			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
time	Linear	2.117	1	2.117	1.157	.292	.041
time * transplant	Linear	3.275	1	3.275	1.789	.192	.062
time * group	Linear	.915	1	.915	.500	.485	.018
Error(time)	Linear	49.408	27	1.830			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	455.435	1	455.435	45.248	.000	.626
transplant	1.064	1	1.064	.106	.748	.004
group	.335	1	.335	.033	.857	.001
Error	271.761	27	10.065			

Within-Subjects Factors

Measure: MEASURE_1

Time	Dependent Variable
1	CRAMeansTS
2	CRAMeansTS2

Between-Subjects Factors

		Value Label	N
group Group	0	Education	16
	1	Control	14

Descriptive Statistics

	group Group	Mean	Std. Deviation	N
CRAMeansTS	0 Education	15.3783	2.13088	16
	1 Control	15.1964	1.81631	14
	Total	15.2934	1.95857	30
CRAMeansTS2	0 Education	14.9890	1.73387	16
	1 Control	14.8588	1.77202	14
	Total	14.9283	1.72249	30

Multivariate Tests[b]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Time	Pillai's Trace	.123	3.917[a]	1.000	28.000	.058	.123
	Wilks' Lambda	.877	3.917[a]	1.000	28.000	.058	.123
	Hotelling's Trace	.140	3.917[a]	1.000	28.000	.058	.123
	Roy's Largest Root	.140	3.917[a]	1.000	28.000	.058	.123
Time * group	Pillai's Trace	.001	.020[a]	1.000	28.000	.889	.001
	Wilks' Lambda	.999	.020[a]	1.000	28.000	.889	.001
	Hotelling's Trace	.001	.020[a]	1.000	28.000	.889	.001
	Roy's Largest Root	.001	.020[a]	1.000	28.000	.889	.001

a. Exact statistic

b. Design: Intercept+group
Within Subjects Design: Time

Mauchly's Test of Sphericity[b]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[a] Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Time	1.000	.000	0	.	1.000	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

b. Design: Intercept+group
Within Subjects Design: Time

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Sphericity Assumed	1.972	1	1.972	3.917	.058	.123
	Greenhouse-Geisser	1.972	1.000	1.972	3.917	.058	.123
	Huynh-Feldt	1.972	1.000	1.972	3.917	.058	.123
	Lower-bound	1.972	1.000	1.972	3.917	.058	.123
Time * group	Sphericity Assumed	.010	1	.010	.020	.889	.001
	Greenhouse-Geisser	.010	1.000	.010	.020	.889	.001
	Huynh-Feldt	.010	1.000	.010	.020	.889	.001
	Lower-bound	.010	1.000	.010	.020	.889	.001
Error(Time)	Sphericity Assumed	14.100	28	.504			
	Greenhouse-Geisser	14.100	28.000	.504			
	Huynh-Feldt	14.100	28.000	.504			
	Lower-bound	14.100	28.000	.504			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Time	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Time	Linear	1.972	1	1.972	3.917	.058	.123
Time * group	Linear	.010	1	.010	.020	.889	.001
Error(Time)	Linear	14.100	28	.504			

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	13629.962	1	13629.962	2087.598	.000	.987
group	.363	1	.363	.056	.815	.002
Error	182.812	28	6.529			

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	Know1	80.7895	19	9.28307	2.12968
	Know3	85.8947	19	8.53030	1.95699
Pair 2	CKnow1	80.1053	19	7.61501	1.74700
	CKnow3	87.6316	19	5.36667	1.23120
Pair 3	HADSD1	6.7857	14	4.72601	1.26308
	HADSD3 Patient depression (time 3)	6.5000	14	4.32791	1.15668
Pair 4	HADSA1	6.5714	14	4.21927	1.12765
	HADSA3 Patient anxiety (time 3)	6.2143	14	4.28196	1.14440
Pair 5	CHADSD1	6.0714	14	3.73063	.99705
	CHADSD3 Carer depression (time 3)	5.0714	14	4.17804	1.11663
Pair 6	CHADSA1	10.4286	14	4.71845	1.26106
	CHADSA3 Carer anxiety (time 3)	7.2143	14	3.80644	1.01731
Pair 7	Distress Distress thermometer (baseline)	3.79	19	2.529	.580
	Distress3 Distress thermometer (follow-up)	3.63	19	2.793	.641
Pair 8	c_distress Carer distress thermometer (baseline)	5.21	19	1.932	.443
	cdistress3 Carer distress thermometer (time 3)	4.74	19	2.491	.571

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	Know1 & Know3	19	.628	.004
Pair 2	CKnow1 & CKnow3	19	.618	.005
Pair 3	HADSD1 & HADSD3 Patient depression (time 3)	14	.758	.002
Pair 4	HADSA1 & HADSA3 Patient anxiety (time 3)	14	.674	.008
Pair 5	CHADSD1 & CHADSD3 Carer depression (time 3)	14	.779	.001
Pair 6	CHADSA1 & CHADSA3 Carer anxiety (time 3)	14	.847	.000
Pair 7	Distress Distress thermometer (baseline) & Distress3 Distress thermometer (follow-up)	19	.216	.373
Pair 8	c_distress Carer distress thermometer (baseline) & cdistress3 Carer distress thermometer (time 3)	19	.393	.096

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	Upper			
Pair 1	Know1 - Know3	-5.10526	7.71647	1.77028	-8.82448	-1.38605	-2.884	18	.010
Pair 2	CKnow1 - CKnow3	-7.52632	6.02189	1.38152	-10.42877	-4.62386	-5.448	18	.000
Pair 3	HADSD1 - HADSD3 Patient depression (time 3)	.28571	3.17269	.84794	-1.54614	2.11757	.337	13	.742
Pair 4	HADSA1 - HADSA3 Patient anxiety (time 3)	.35714	3.43303	.91752	-1.62503	2.33932	.389	13	.703
Pair 5	CHADSD1 - CHADSD3 Carer depression (time 3)	1.00000	2.66025	.71098	-.53598	2.53598	1.407	13	.183
Pair 6	CHADSA1 - CHADSA3 Carer anxiety (time 3)	3.21429	2.51698	.67269	1.76103	4.66754	4.778	13	.000
Pair 7	Distress Distress thermometer (baseline) - Distress3 Distress thermometer (follow-up)	.158	3.338	.766	-1.451	1.767	.206	18	.839
Pair 8	c_distress Carer distress thermometer (baseline) - cdistress3 Carer distress thermometer (time 3)	.474	2.480	.569	-.722	1.669	.832	18	.416

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	conseq How much does your illness affect your life?	7.60	15	2.293	.592
	Conseq3 How much does your illness affect your life?	6.00	15	2.619	.676
Pair 2	Timeline How long do you think your illness will cont.	3.93	15	2.789	.720
	Timeline3 How long do you think your illness will cont.	4.60	15	3.158	.815
Pair 3	Perscont How much control do you have over your illness	3.73	15	3.218	.831
	Perscont3 How much control do you have over your illness	4.07	15	3.305	.853
Pair 4	Txcont How much do you think your treatment can help your illness?	8.80	15	1.781	.460
	Txcont3 How much do you think your treatment can help your illness?	8.80	15	1.424	.368
Pair 5	Txcont2 How much do you think your treatment can help your illness?	8.86	14	1.231	.329
	Txcont3 How much do you think your treatment can help your illness?	9.00	14	1.240	.331
Pair 6	Identity How much do you exp symptoms from your illness	3.93	15	3.081	.796
	Ident3 How much do you exp symptoms from your illness	5.47	15	2.875	.742
Pair 7	Concern How concerned are you about your illness	8.80	15	1.373	.355
	Concern3 How concerned are you about your illness	6.80	15	2.569	.663
Pair 8	underst How well do you feel you understand your illness	7.40	15	2.354	.608
	unders3 How well do you feel you understand your illness	8.20	15	2.178	.562
Pair 9	emotion How much does your illness affect you emotionally?	6.00	15	1.773	.458
	emot3 How much does your illness affect you emotionally?	6.53	15	1.727	.446

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	conseq How much does your illness affect your life? & Conseq3 How much does your illness affect your life?	15	.297	.282
Pair 2	Timeline How long do you think your illness will cont. & Timeline3 How long do you think your illness will cont.	15	.532	.041
Pair 3	Perscont How much control do you have over your illness & Perscont3 How much control do you have over your illness	15	.089	.752
Pair 4	Txcont How much do you think your treatment can help your illness? & Txcont3 How much do you think your treatment can help your illness?	15	.321	.243
Pair 5	Txcont2 How much do you think your treatment can help your illness? & Txcont3 How much do you think your treatment can help your illness?	14	.403	.153
Pair 6	Identity How much do you exp symptoms from your illness & Ident3 How much do you exp symptoms from your illness	15	.278	.316
Pair 7	Concern How concerned are you about your illness & Concern3 How concerned are you about your illness	15	.373	.171
Pair 8	underst How well do you feel you understand your illness & unders3 How well do you feel you understand your illness	15	.652	.008
Pair 9	emotion How much does your illness affect you emotionally? & emot3 How much does your illness affect you emotionally?	15	.723	.002

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference Lower	Upper			
Pair 1	conseq How much does your illness affect your life? - Conseq3 How much does your illness affect your life?	1.600	2.923	.755	-.019	3.219	2.120	14	.052
Pair 2	Timeline How long do you think your illness will cont. - Timeline3 How long do you think your illness will cont.	-.667	2.895	.747	-2.270	.937	-.892	14	.388
Pair 3	Perscont How much control do you have over your illness - Perscont3 How much control do you have over your illness	-.333	4.402	1.137	-2.771	2.105	-.293	14	.774
Pair 4	Txcont How much do you think your treatment can help your illness? - Txcont3 How much do you think your treatment can help your illness?	.000	1.890	.488	-1.047	1.047	.000	14	1.000
Pair 5	Txcont2 How much do you think your treatment can help your illness? - Txcont3 How much do you think your treatment can help your illness?	-.143	1.351	.361	-.923	.637	-.396	13	.699
Pair 6	Identity How much do you exp symptoms from your illness - Ident3 How much do you exp symptoms from your illness	-1.533	3.583	.925	-3.518	.451	-1.657	14	.120
Pair 7	Concern How concerned are you about your illness - Concern3 How concerned are you about your illness	2.000	2.420	.625	.660	3.340	3.201	14	.006
Pair 8	underst How well do you feel you understand your illness - unders3 How well do you feel you understand your illness	-.800	1.897	.490	-1.851	.251	-1.633	14	.125
Pair 9	emotion How much does your illness affect you emotionally? - emot3 How much does your illness affect you emotionally?	-.533	1.302	.336	-1.254	.188	-1.586	14	.135

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	InformationSatisfaction	2.8750	8	.61354	.21692
	InformationSat3	2.9750	8	.36154	.12783
Pair 2	affective Affective support (baseline)	14.4706	17	.94324	.22877
	affective3	14.8235	17	.72761	.17647
Pair 3	confidant Confidant support (baseline)	20.8529	17	3.98342	.96612
	confidant3	12.0706	17	3.15986	.76638
Pair 4	CRAMeansTS	15.3051	15	1.67891	.43349
	CRAMeansTS3	15.5776	15	2.10152	.54261

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	InformationSatisfaction & InformationSat3	8	-.299	.471
Pair 2	affective Affective support (baseline) & affective3	17	.675	.003
Pair 3	confidant Confidant support (baseline) & confidant3	17	.332	.194
Pair 4	CRAMeansTS & CRAMeansTS3	15	.269	.333

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	InformationSatisfaction - InformationSat3	-.10000	.80000	.28284	-.76882	.56882	-.354	7	.734
Pair 2	affective Affective support (baseline) - affective3	-.35294	.70189	.17023	-.71382	.00794	-2.073	16	.055
Pair 3	confidant Confidant support (baseline) - confidant3	8.78235	4.18393	1.01475	6.63117	10.93353	8.655	16	.000
Pair 4	CRAMeansTS - CRAMeansTS3	-.27254	2.31086	.59666	-1.55225	1.00717	-.457	14	.655

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	infoneed Information & decision preference	1.00	13	.000	.000
	infoneed3 Information & decision preference	1.15	13	.376	.104
Pair 2	SelfEsteem	4.3429	15	.42102	.10871
	SelfEsteem3	4.3810	15	.38811	.10021
Pair 3	FamilySupport	1.8933	15	.76295	.19699
	FamilySupport3	2.0633	15	.87249	.22528
Pair 4	Schedule	3.4133	15	.79090	.20421
	Schedule3	3.4000	15	.75593	.19518
Pair 5	Health	2.5000	15	.48181	.12440
	Health3	2.6000	15	.92002	.23755

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	infoneed Information & decision preference & infoneed3 Information & decision preference	13	.	.
Pair 2	SelfEsteem & SelfEsteem3	15	.767	.001
Pair 3	FamilySupport & FamilySupport3	15	.509	.053
Pair 4	Schedule & Schedule3	15	.100	.722
Pair 5	Health & Health3	15	.373	.171

Paired Samples Test

		Paired Differences					t	df	Sig. (2-tailed)
		Mean	Std. Deviation	Std. Error Mean	95% Confidence Interval of the Difference				
					Lower	Upper			
Pair 1	infoneed Information & decision preference - infoneed3 Information & decision preference	-.154	.376	.104	-.381	.073	-1.477	12	.165
Pair 2	SelfEsteem - SelfEsteem3	-.03810	.27778	.07172	-.19193	.11573	-.531	14	.604
Pair 3	FamilySupport - FamilySupport3	-.17000	.81609	.21071	-.62193	.28193	-.807	14	.433
Pair 4	Schedule - Schedule3	.01333	1.03776	.26795	-.56136	.58803	.050	14	.961
Pair 5	Health - Health3	-.10000	.86499	.22334	-.57902	.37902	-.448	14	.661