



**INSTITUTIONAL REVIEW BOARD (IRB)**  
**CHRISTIAN MEDICAL COLLEGE**  
**BAGAYAM, VELLORE 632 002, INDIA**

**Dr. George Thomas, D Ortho, PhD**  
Chairperson, Ethics Committee

**Dr. Alfred Job Daniel, D Ortho, MS Ortho, DNB Ortho**  
Chairperson, Research Committee & Principal

**Dr. B. Antonisamy, M.Sc, PhD, FAMS, FRCS**  
Secretary, Research Committee

**Dr. Nihal Thomas**  
MD, MNAMS, DNB(Endo), FRACP(Endo), FRCP(EDIN)  
Deputy Chairperson

**Prof. Keith Gomez, BSc, MA (S.W), M.Phil**  
Deputy Chairperson, Ethics Committee

Secretary, Ethics Committee, IRB  
Additional Vice Principal (Research)

February 5, 2013

Ms. Serin Anna Isaac  
Final year BPT student  
Department of Physical Rehabilitation and Medicine  
Christian Medical College  
Vellore 632 002

**Sub: FLUID Research grant project NEW PROPOSAL:**  
Mirror therapy and transcutaneous electrical nerves stimulation for management of phantom limb pain in amputees – a single blinded randomized controlled trial.  
Ms. Serin Anna Isaac, Final year BPT student, PMR, Dr. George Tharion, PMR, Ms. Merlyn, Mr. Jebaraj Fletcher, Ms. Merlyn, PMR, Dr. Rohit Bhide, Ms. Rajalakshmi, Mr. Andrew Babu, PMR.

Ref: IRB Min. No. 8132 dated 19.12.2012


Dear Ms. Serin Anna Isaac,

I enclose the following documents:-

1. Institutional Review Board approval
2. Agreement

Could you please sign the agreement and send it to Dr. Nihal Thomas, Addl. Vice Principal (Research), so that the grant money can be released.

With best wishes,

  
Dr. Nihal Thomas  
Secretary (Ethics Committee)  
Institutional Review Board

**Dr Nihal Thomas**  
MBBS MD MNAMS DNB (Endo) FRACP(Endo) FRCP(Edin)  
Secretary (Ethics Committee)  
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Ref: IRB Min. No. 8132 dated 19.12.2012

Dear Ms. Serin Anna Isaac,

The Institutional Review Board (Silver, Research and Ethics Committee) of the Christian Medical College, Vellore, reviewed and discussed your project entitled “Mirror therapy and transcutaneous electrical nerves stimulation for management of phantom limb pain in amputees – A Single Blinded Randomized Controlled Trial.” on December 19, 2012.

The Committees reviewed the following documents:

1. Format for application to IRB submission
2. Information Sheet and Consent Form (English, Tamil and Hindi)
3. Cvs of Drs. Ms. Serin Anna Isaac, George Tharion, Ms. Merlyn, Ms. Merlyn, Ms. Rajalakshmi, Mr. Andrew Babu, PMR.
4. A CD containing documents 1 - 3





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The following Institutional Review Board (Silver, Research & Ethics Committee) members were present at the meeting held on December 19, 2012 in the CREST/SACN Conference Room, Christian Medical College, Bagayam, Vellore 632002.

Name	Qualification	Designation	Other Affiliations
Dr. George Thomas	MBBS, D Ortho, PhD	Chairperson (IRB) & Orthopaedic Surgeon, St.Isabel Hospital, Chennai & Former Editor, Indian Journal of Medical Ethics	External, Clinician
Dr. Poonkuzhali	MSC, PhD	Professor, Haematology, CMC	Internal, Basic Medical Scientist
Dr. Biju George	MBBS, MD, DM	Professor, Haematology, CMC	Internal, Clinician
Rev. Arul Dhas	MSc, BD, DPC, PhD(Edin)	Chaplain, CMC	Internal, Social Scientist
Dr. Denny Fleming	BSc (Hons), PhD	Honorary Professor, Clinical Pharmacology, CMC.	Internal, Pharmacologist
Dr. L. Jeyaseelan	MSc, PhD, FRSS	Professor Dept. of Biostatistics, CMC	Internal, Statistician
Dr. Vinod Joseph Abraham	MBBS, MD, MPH	Professor, Community Medicine, CMC	Internal, Clinician
Dr. Sukriya Nayak	MBBS, MS	Professor, General Surgery, CMC	Internal, Clinician
Dr. Molly Jacob	MBBS, MD, PhD	Professor, Biochemistry, CMC	Internal, Clinician



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**Prof. Keith Gomez, BSc, MA (S.W), M.Phil**  
 Deputy Chairperson, Ethics Committee

Mrs. Pattabiraman	BSc, DSSA	Social Worker, Vellore	External, Lay person
Mr. Sampath	BSc, BL	Advocate	External, Legal Expert
Mr. Harikrishnan	BL	Retired Lawyer, Vellore	External, Legal Expert
Mrs. Mary Johnson	M.Sc	Professor, Child Health Nursing, CMC.	Internal, Nurse
Dr. DJ Christopher	BSc, MBBS, DTCD, DNB, FCCP	Professor, Pulmonary Medicine, CMC	Internal, Clinician
Dr. Suresh Devasahayam	BE, MS, PhD	Professor, Bioengineering, CMC	Internal
Dr. Jayaprakash Muliyl	BSC, MBBS, MD, MPH, DrPH(Epid), DMHC	Retired Professor, Vellore	External
Dr. P. Zachariah	MBBS, PhD	Retired Professor	External
Mrs. Selva Titus Chacko	MSc	Professor, Medical Surgical Nursing, CMC	Internal, Nurse
Prof. Keith Gomez	BSc, MA (S.W), M. Phil (Psychiatry Social Work)	Deputy Chairperson (IRB) & Students' Counsellor, Loyola College, Chennai	External, Social Scientist
Dr. Antonisamy	M.Sc PhD FAMS, FRCS	Professor & Head Dept. of Biostatistics & Secretary IRB (EC), CMC	Internal, Statistician
Dr. Nihal Thomas	MD MNAMS DNB(Endo) FRACP(Endo) FRCP(Edin)	Secretary IRB (EC) & Dy. Chairperson (IRB), Professor of Endocrinology & Addl. Vice Principal (Research), CMC.	Internal, Clinician





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We approve the project to be conducted as presented.

The Institutional Ethics Committee expects to be informed about the progress of the project, any serious adverse events occurring in the course of the project, any changes in the protocol and the patient information/informed consent. And on completion of the study you are expected to submit a copy of the final report.

A sum of Rs. 14,300/- (Rupees Fourteen Thousand Three Hundred only) will be granted for Six Months

**The study has to be registered under Clinical Trial Registry India (CTRI)**  
**<http://ctri.nic.in>**

Yours sincerely

  
Dr. Nihal Thomas  
Secretary (Ethics Committee)  
Institutional Review Board

**Dr Nihal Thomas**  
MBBS MD MNAMS DNB (Endo) FRACP(Endo) FRCP(Edin)  
Secretary (Ethics Committee)  
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CC: Dr. George Tharion, Department of Physical Rehabilitation and Medicine.