

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/115

Dated: 18.11.2025

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/099/2025**) entitled “Assessment of analytical quality in clinical biochemistry using sigma metrics: An observational laboratory study” submitted by Dr. Anita Devi, Associate Professor, Biochemistry, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.


The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/116

Dated: 05.12.2025

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/100/2025**) entitled “Understanding HIV related stigma and discrimination coping mechanisms and access to services among PLHIV in India” submitted by Dr. Sunil Kumar Raina, Professor, Community Medicine, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrrpgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/001

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/105/2025**) entitled “To compare the feasibility and accuracy of USG-guided and flouroscopy confirmed transforaminal nerve root injection at L5-S1 level by short axis paramedian view and oblique transverse view” submitted by Dr. Aastha Guleria, Resident, Anesthesia, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.

(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrrpgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/002

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/108/2025**) entitled “Precision in Motion: The Dosimetric Edge of Adaptive Radiotherapy for Non-Small Cell Lung Cancer (NSCLC).” submitted by Dr. Poorva Vias, Assistant Professor, Radiotherapy, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrrpgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/003

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/108/2025**) entitled “Comparative Analysis of the Relationship Between Modified CT Severity Index and Apparent Diffusion Coefficient Values in Acute Pancreatitis” submitted by Dr. Aujas Jain, Resident, Anaesthesia, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.


The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/004

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/116/2025**) entitled “A prospective study on preoperative and intraoperative predictors of stoma versus primary anastomosis in emergency bowel resection” submitted by Dr. Ritika Bhardwaj, Resident, Surgery, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.


The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrrpgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/005

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/117/2025**) entitled “Effect of laparoscopic-assisted transversus abdominis plane block on postoperative outcomes after laparoscopic cholecystectomy” submitted by Dr. Rohan Grover, Resident, Surgery, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/006

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/118/2025**) entitled “Identification of Clinical and Immunological Subtypes and Exploring the Role of Type 1 Interferon and Adaptive Immunity in Juvenile Dermatomyositis: A Multicentric Study from India” submitted by Dr. Avinash Sharma, Associate Professor, Paediatrics, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.


The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/007

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/119/2025**) entitled “Investigative centre of advanced research in endotypes of T1D (i-CARE-T1D): a national referral centre for research in T1D” submitted by Dr. Atul Gupta, Assistant Professor, Paediatrics, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrrpgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/008

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/120/2025**) entitled “To study the distinguishing features of pancreatogenic diabetes compared to young-onset Type 2 and autoimmune diabetes” submitted by Dr. Shakun Chaudhary, Assistant Professor, Endocrinology, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrrpgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/009

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/123/2025**) entitled “Vitamin D and uric acid status in patients with benign paroxysmal positional vertigo” submitted by Dr. Shefali Chaudhary, Resident, ENT, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

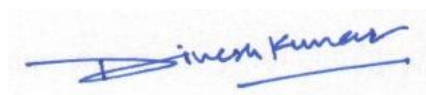
The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)

Dr. Rajendra Prasad Government Medical College (Dr. RPGMC)
Kangra at Tanda, Himachal Pradesh, India – 176 001
Institutional Ethics Committee (IEC)

Registration No. EC/NEW/INST/2023/0387 and ECR/490/Inst/HP/2013

Chairperson
Padmashri Dr. Kshama Metre
National Director CORD (Tapovan Dharamsala)
+ 91 94180 36987

Member Secretary
Dr. Dinesh Kumar
Professor (Community Medicine)
+ 91 8091139247

E mail: iecdrgmc@gmail.com

Alternate Member

Secretary

Mr. Satya Bhushan Sharma

Basic Medical Scientists

Dr. Sunil Kumar Raina

Dr. Atal Sood

Mr. Sushant Sharma

Clinicians

Dr. Seema Sharma

Dr. Pradeep Makkar

Dr. Ashish Garg

Legal Expert

Mr. Yashpal Kachroo

Social Scientist

Dr. Shabab Ahmed

Lay Person

Mr. Ashok Raina

No. HFW- H DRPGMC/ Ethics /2025/010

Dated: 29.01.2026

The IEC of Dr. RPGMC reviewed the protocol (**No: IEC/124/2025**) entitled “Ossicular chain status in squamosal type chronic otitis media” submitted by Dr. Nilaksh Kumar, Resident, ENT, Dr. RPGMC, Kangra at Tanda, Himachal Pradesh.

Decision: The committee approves the research work to be conducted in its present form.

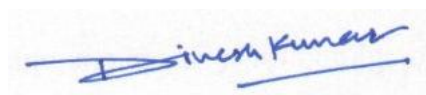
The IEC needs to be informed about;

- Patient information sheet and consent forms duly filled and signed
- Any adverse event occurring during the study
- Final report of the study

The IEC has to be informed and permission taken before any changes in the protocol, patient information sheet, informed consent, Site of Study, or Investigator.

It is to be ensured that there shall be no financial burden on the research participants because of participation in the study and no direct cash incentives are given to the participants.

Please note that members of IEC have the right to monitor the study in any phase.



(Member Secretary)

Member Secretary
Institutional Ethics Committee
Dr. RP Government Medical College,
Kangra at Tanda (HP)