



# Magentoncephalography (MEG) Resource Facility

“Research Resources Services Facility and Platforms” (RRSFP)

Funded by Department of Biotechnology, Govt of India

National Brain Research Centre (NBRC), Manesar, Guragon-122052

(Collaborated with AIIMS, New Delhi)



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## Magnetoencephalography (MEG) Resource Facility:

MEG facility has been installed at NBRC under RRSFP funded by Department of Biotechnology, Govt of India.

### **Objective:**

- To perform MEG scans and analysis in persons with epilepsy (PWE) and other subjects for clinical & research purpose.

### **Mode of Operation:**

At the MEG Resource facility, 2 PWEs are investigated every day as per the following procedure:

1. **Patient Recruitment:** Patients/PWEs are recruited from the out-patient department of the Neurology department at the All India Institute of Medical Science, New Delhi.
2. Preparing of patients for MEG Scanning at NBRC with the help of trained Nurses/Attendants.
3. MEG Scanning duration - 2-3 Hours.
4. Data analysis and ‘*source localization*’ of PWE.
5. Final report submission to Dr. Manjari Tripathi, Professor, Neurology at AIIMS for pre evaluation surgery discussion.

**User Charges** - The following rates have been proposed as user charges for this National Facility:

Facility Name	Institute Name	User Charges details							
		Instrument	Price per MEG Scanning					Remark	
Academia/Research Purpose after proper IRB approval from appropriate agencies (Rs)			Industry/ Service Facility (Rs)						
Magentoencephalography (MEG) Resource Facility	National Brain Research Centre	1	Elekta Neuromag Triux MEG System	University / College	Research Institutes	Private Companies/ Private Hospital & Others	BPL Card Holder	Full Paying (Non BPL)	NA
				3000/-	6000/-	12000/-	NA	NA	

**Contact Person Details:**

- 1. Dr.Manjari Tripathi**  
 Professor Neurology, AIIMS New Delhi  
 CO-PI, MEG Resource Facility  
 National Brain Research Centre,  
 Manesar Gurgaon-122052, Ph No 011-26594494  
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- 2. Prof. Neeraj Jain**  
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 National Brain Research Centre  
 Manesar Gurgaon-122052  
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 Scientist-VII & Senior Professor  
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- 4. Mr. Prem Chand**  
 Manager-MEG Resource Facility  
 National Brain Research Centre,  
 Manesar, Gurgaon-122052 Ph No: 0124-2845375  
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**Technical Information about the Facility:**

**a. Infrastructure /Facilities/Platform available**

- Dedicated MEG Lab on ground floor with separate MEG Acquisition Room.
- AHU Room.
- Server Room.
- Separate Male and Female ward.
- Patient Data analysis Room.

- UPS backup Room.
- TMS (Transcranial Magnetic Stimulation) machine Room.

**b. List of available Infrastructure/Facilities/Platform users.**

- Patient Data Recording Room.
- HP Server for Patient Data Storage.
- UPS backup for MEG acquisition Room.
- Both Male and Female (3beds) ward with basic medical equipment.
- Dedicated computer working station with software for Patient Data Analysis.

**c. Maintenance of available Infrastructure/Facilities/Platform.**

- Building Maintenance.
  - Electrical Supply Maintenance.
  - Water Supply Maintenance.
- National Brain Research Centre, Manesar**

- Elekta Neuromag® TRIUX (MEG)
  - Navigational Transcranial Magnetic Stimulator (TMS)
  - HP SERVER
  - UPS Battery
- India Pvt. Ltd.**
- Elekta Medical System**

**d. Similar Infrastructure/Facilities/Platform/ available in the nearby institution/organization - Not Available.**



# National Brain Research Centre

## Magentoncephalography (MEG) Resource Facility

“Research Resources Services Facility and Platforms” (RRSFP)

Collaborated with AIIMS New Delhi (Funded by Department of Biotechnology, Govt of India)

Near NSG Campus, NH-8 Nainwal Mode Manesar, Guragon-122052



### Registration Form-MEG Scanning

Sr.no.....

1. Name :
2. Father's /Husband's Name :
3. Date of Birth :
4. Sex :
5. Address :
  
6. Mobile No :
7. Email Id :
8. UHID :
9. Referred From :
10. Category : Select below applicable Category for Scanning Charges:-

Academia/Research Purpose		Tick ( )
University/College	Rs.3000/-	
Research Institute	Rs.6000/-	
Private Co. & Pvt Hospital	Rs.12000/-	

11. Ethics Committee Approval (IRB) details (Enclose approved protocol) :
12. Complete address detail of referring institute :

13. Fill the Payment Detail:

- Mode of payment (Cash/Cheque/DD/NEFT ) :
- Cash/Cheque/D.D/UTR no..... Dated.....

Date:

Signature

Verified By:

MEG Resource Facility  
NBRC

Accounts & Finance Section  
NBRC

**Instruction for Payment:**

- Cash may be deposited in the Finance Section of NBRC, or
- Cheque/D.D may be issue in the favor of “National Brain Research Centre”, or
- Online payment may transfer in below mentioned account (NEFT):

Institute Name	: National Brain Research Centre”
A/c No	: 056010100453998
IFSC Code	: UTIB0000056
Bank Name	: Axis Bank Limited
Address	: Sec-14, Gurgaon

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