

Magnetoencephalography (MEG) Resource Facility:

MEG facility has been installed at NBRC under RRSFP-SAHAJ scheme, funded by Department of Biotechnology, Ministry of Science & Technology, Govt of India.



Elekta Neuromag TRIUX (MEG)

Objective:

- To perform MEG scans and analysis in persons with epilepsy (PWE) and issue the signed report for further procedures.

Mode of Operation:

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

1. **Subject/PWE Recruitment:** Subject/PWEs are recruited from the out-patient department of the Neurology department at the All India Institute of Medical Science, New Delhi.
2. Referring of subject/PWE to MEG Resource Facility-NBRC
3. Deposition of user Charges at NBRC finance by filling the registration form by the University/college/Research Institute/or any other organization (after being screened by the PI of the MEG facility) and receipt will be issued by Department of Finance accordingly.

4. MEG Scanning of PWE/subject at NBRC by trained Technologist, Technician with the Nurse, Nursing Orderly & Attendant etc.
5. MEG scanning duration - 2-3 Hours.
6. Data analysis and 'Epileptic zone - source localization' of PWEs.
7. Final report submission to Dr. Manjari Tripathi, Professor Neurology at AIIMS, New Delhi for pre evaluation and issuing of signed report to PWE or concerned institute/organization.

User Charges - The user charges detail of MEG Resource Facility-NBRC (National Facility) as given below:

National Facility user Charges Details:						
Facility Name	Institute Name	User Charges details				
		Instrument		Price per MEG Scanning		
				Academia Purpose (Rs)		
				University/College (or any subject/Individual referred from AIIMS New Delhi in the collaboration of MEG Resource Facility-NBRC)	Research Institutes	Any other institute/Organization (after being screened for suitability through MEG Resource Facility PI)
Magnetoencephalography (MEG) Resource Facility- - Under DBT SAHAJ Programme	National Brain Research Centre	1	Elekta Neuromag Triux MEG System (Magnetoencephalography-MEG)	3000/-	6000/-	12000/-
Note: "Any poor & needy person holding the BPL Card or PM-JAY card may be waived off with PI Recommendation only" and "No PWEs/Subject will directly go without the P.I scheduling the appointment"						

Contact Person Details:

1. **Dr. Manjari Tripathi**
Professor Neurology,
PI, MEG Resource Facility, AIIMS New Delhi,
Ph No 011-26594494
Email id: manjaritaiims@gmail.com
2. **Prof. Pravat Kumar Mandal**
Director I/C-NBRC
Scientist-VII & Senior Professor
National Brain Research Centre
Manesar, Gurgaon-122052, Ph. no: 0124-2845207
Email Id: director.nbrc@gov.in, pravat@nbrc.ac.in
3. **Mr. Prem Chand**
Manager-MEG Resource Facility
National Brain Research Centre,
Manesar, Gurgaon-122052 Ph No: 0124-2845375
Email id: manager.meg@nbrc.ac.in

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 ward (3beds in each 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
- } **M/s MEGIN,Finland**

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



National Brain Research Centre

Magetoencephalography (MEG) Resource Facility

“Research Resources Services Facility and Platforms” (RRSFP)



NBRC 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 (if any) :
9. Referred From :
10. Category : Select below applicable Category for Scanning Charges:-

Academia/Research Purpose	User Charges per scanning	Tick (✓)
University/College (or any subject/Individual referred from AIIMS New Delhi in the collaboration of MEG Resource Facility-NBRC)	Rs.3000/-	
Research Institute	Rs.6000/-	
Any other institute/Organization	Rs.12000/-	

11. User Charges exempted (if any):

12. Complete address detail of referring institute :

13. Payment Detail:

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

Date:

Signature

For:

MEG Resource Facility
NBRC

Accounts & Finance Section
NBRC

Payment Instruction:

- Deposited the cash in the Finance Section at NBRC, or
- Cheque/D.D may be issue in the favor of “National Brain Research Centre”, or
- Online payment may transfer through UPI or NEFT or any other online mode in the below mentioned account :

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

.....**End of Page**.....