

## **DEPARTMENT OF NEUROSURGERY**

The Department of NEUROSURGERY in Jagjivanram hospital is under development. SR DMO, Dr Yogesh M Sawakare is appointed by Railways through UPSC joined Jagjivan Ram Hospital on 21/2/2022.

Previously majority of patients were referred to other empaneled hospitals outside. Both Brain and Spine patients are now being treated in our hospital.

### **IRHS**

Dr. Yogesh M Sawakare, SR DMO Neurosurgery.  
MBBS,MS,FMAS,FIAGES(Minimal Access Surgery),  
FINR(Fellow in Neurointervention),MCh(Neurosurgery)

### **Housesurgeon**

Dr Akansha Rajput MBBS

### **Honorary visiting consultant**

Dr Deepu Baneerji (Neurosurgeon)  
Dr Devesh Dholakia (Spine Surgeon)  
Dr Avinash Gutte (Neurointervention Specialist)  
Dr Syed Jaffar (Neurologist)

### **SERVICES**

**OPD on Monday & Thursday Neurosurgery OPD.  
Wednesday OPD is Special Spine OPD.**

### **Operation days**

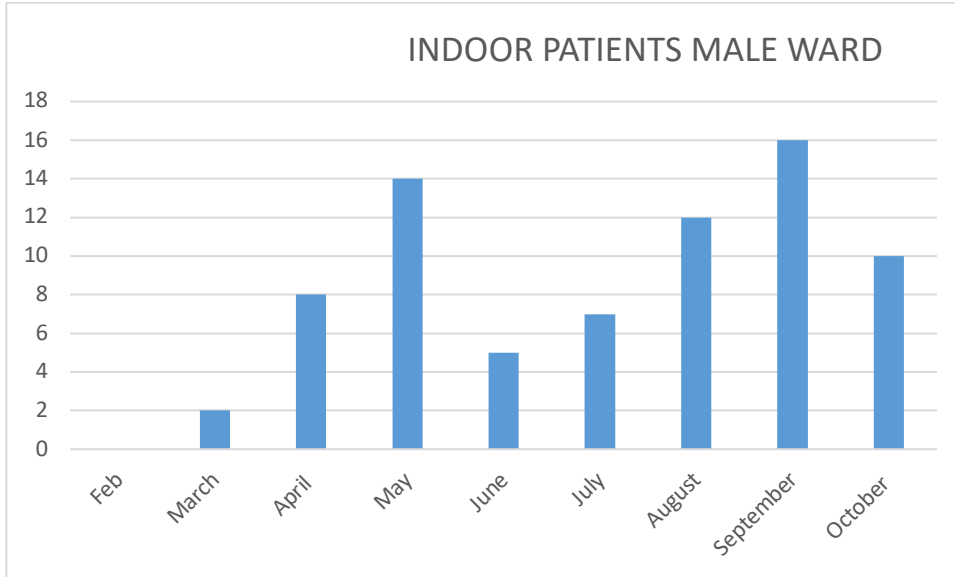
2 days a week Tuesday/Friday

**WARDS - No 7 male ward and No 10 female ward**

### **WORKLOAD INDOOR & OUTDOOR till 31 Oct**

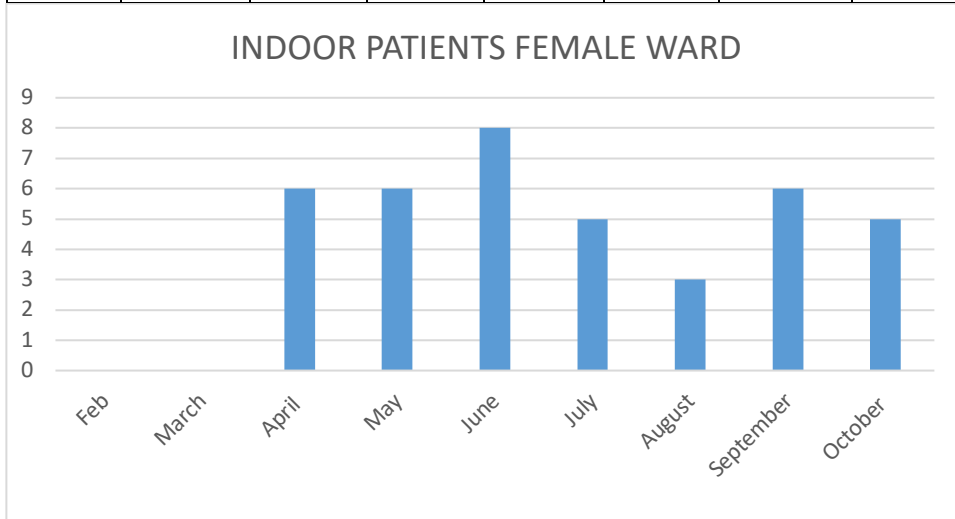
#### **INDOOR Patients - Male ward**

Feb	March	April	May	June	July	August	September	October
0	2	8	14	5	7	12	16	10



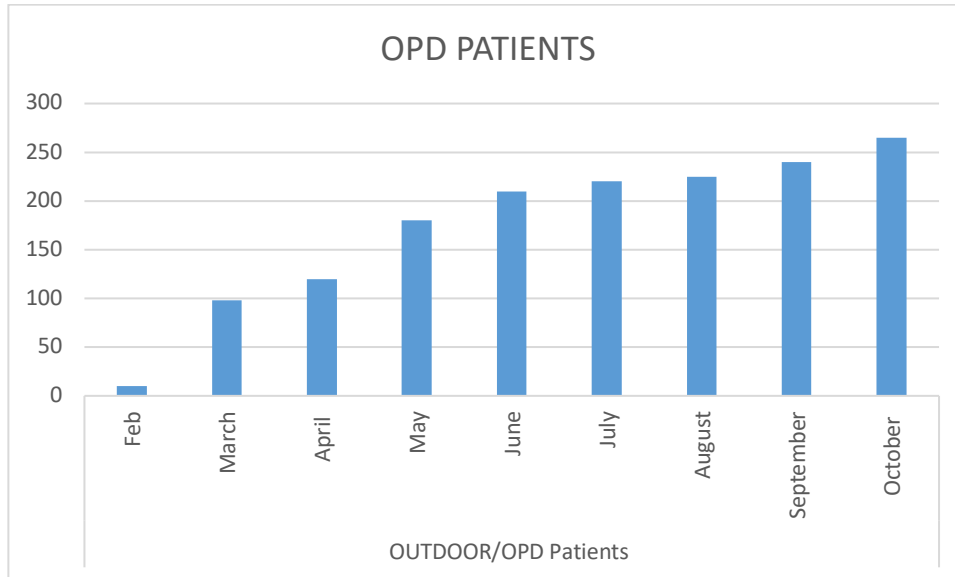
### INDOOR Patients - Female Ward

Feb	March	April	May	June	July	August	September	October
0	0	6	6	8	5	3	6	5



### OUTDOOR/OPD Patients

Feb	March	April	May	June	July	August	September	October
10	98	120	180	210	220	225	240	265



### **Equipment available in OT**

1. Head Clamp.

### **Operations done in JRH**

#### **BRAIN**

1. Decompressive craniectomy for intracerebral bleed.
2. Burr hole and evacuation of chronic SDH.
3. Cranioplasty.

#### **SPINE**

1. Micro-discectomy.
2. Cervical fixation for degenerative cervical spine disease.
3. Thoracic spine fixation for fractures.
4. Lumbar spine fixation for fractures.
5. Lumbar spine fixation for degenerative disc disease.

#### **ENDOVASCULAR**

1. Diagnostic Digital Subtraction Angiography
2. Coiling of ruptured aneurysm.
3. Flow diverter for fusiform and saccular aneurysm.

### **Educative Programmes conducted by Neurosurgery –**

- CME on Stroke at Jagjivan Ram Hospital on 16/7/2022 with one MMC credit point.
- CME on Trauma at Jagjivan Ram Hospital on 15/10/2022 with one MMC credit point.
- Nursing staff and Anaesthetist sent to Sir JJ Hospital for Neurosurgery Training programme.
- Awareness talk on World Trauma Day 17/Oct. Awareness talk on World Hungtintons Day 15<sup>th</sup> May.
- Paper presented in NEUROENDOCON conference on 27/2/2022 “ Role of neuroendoscopy in epidermoids , an experience of 250 cases.”
- Faculty in Cadaveric Workshop at Sir JJ Hospital for Neuroendoscopy on 23 April 2022.
- Faculty in Preconference NSSA Cadaveric Workshop at Sir JJ Hospital for 15/9/2022.
- Paper presented in NSSA conference on “ Role of PLL Splitting in Cervical Radiculo-myeleopathy”.
- Observer from the Maharashtra Medical Council for the NSSA conference.

### **Future plan**

1. To develop a dedicated neurosurgery department.
2. To setup imaging centre of CT and MRI which is important in brain and spine cases and also to other faculties like General Surgery, Obstetrics, Orthopaedics, Cardiovascular, ENT, Ophthalmology, Medicine and Paediatrics.
3. To develop dedicated wards and neuro ICU.
4. To develop various clinics like epilepsy, tumour, spine, vascular where a variety of railway patients can be catered.
5. To have advanced unit as deep brain stimulation to perform DBS for diseases like Parkinsons, Spastic paraesis, etc.

### **M& P Proposals in pipeline -**

- 1) Neurosurgical operating microscope.
- 2) Neuroendoscope.
- 3) CUSA machine for brain/spine tumours and spine surgery.
- 4) High speed neuro drill.
- 5) Cranial and Spinal Instruments.

### **ASSISTANCE REQUIREMENT**

- 1) Equipments such as operating microscope, neuro-endoscope, neuro-navigation system, instruments, high speed drill machine,
- 2) Dedicated Neuro ICU, wards and operation theatre.
- 3) Post Mch Senior residents.