

PAPER CODE: 6114

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D.M. /M.CH. DEGREE EXAMINATIONS: NOVEMBER, 2023

**NEUROSURGERY
PAPER – IV
(RECENT ADVANCES)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. Describe the indications for surgical management of Massive Cerebral Infarct and enumerate the mechanical thrombectomy devices.
2. Describe the indications and uses of frameless stereotactic Brain biopsy and the clinical significance.

Write a short note on the following:

4 X 10 = 40

3. Carotid endarterectomy.
4. STA–MCA Bypass.
5. Image guided Robotic surgery.
6. Proton Radiosurgery.
