



MANAGING MALIGNANT OEDEMA AND TREATMENT-RELATED HAEMORRHAGE IN ACUTE ISCHAEMIC STROKE

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Disclosure

- I have nothing to disclose for this lecture



Learning Objectives

- Definition of malignant cerebral edema
 - Risk factors and types of brain edema
- Edema modulating therapy
 - Stepwise management of ICP elevation
 - Head Position / Screening for surgical decompression (EVD)
 - Proper sedation
 - Avoid hyponatremia
 - CPP optimization
 - Hyperosmolar therapy : mannitol vs hypertonic saline vs sodium acetate
 - Targeted temperature management : TTM related issues
 - Pentobarbital coma therapy



Learning Objectives

- Hemorrhagic transformation
 - Risk factors
 - Specific antidotes for individualized care



References

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- 5. Zubair AS . Hemorrhagic Conversion of Acute Ischemic Stroke. Neurotherapeutics. 2023 Apr;20(3):705-711