

ICP monitoring: Indications

The purpose of monitoring ICP is to improve the clinician's ability to maintain adequate CPP and oxygenation.

Indications for ICP include:

1. Suspected to be at risk for elevated ICP (closed head injury)
2. Comatose (Glasgow Coma Scale <8)
3. Diagnosed with a process that merits aggressive medical care (TBI, CNS infections, Ischemic stroke, neoplasm, vasculitis, hydrocephalus, Idiopathic intracranial hypertension (pseudotumor cerebri))

Question:

The main purpose to place an ICP monitor is to:

- a. Avoid infections
- b. Improve survival
- c. Ensure oxygenation to brain tissue
- d. Minimize oxygen tissue extraction

Answer: C – The purpose of monitoring ICP is to improve the clinician's ability to maintain adequate CPP and oxygenation