

LEARNING OBJECTIVES

10-31-23

PERFORMANCE GAP/ ACTIVITY NEED: For virtually all tumors and intracranial procedures, the keyhole concept can be applied, minimizing collateral damage to the brain and its supporting structures using advanced neuroimaging and neuro-navigation techniques along with endoscopy to improve targeting and lesion visualization [Source: PNI]. In addition to indications for keyhole surgery for brain tumors, it is important to identify patients eligible for clinical trials evaluating the efficacy of various medical or chemotherapies for malignant brain tumors.

DESIRED OUTCOMES: At the end of the activity, attendees will be able to:

- identify indications for keyhole/minimally invasive brain surgery.
- describe keyhole brain surgery, its risks/benefits, safety/efficacy and long-term outcomes.
- discuss the importance and criteria for surgical clinical trials.

LEARNERS: neurosurgeons, neurologists, medical/radiation oncologists, internists, general/family practitioners, radiologists, pathologists

DESIRABLE PHYSICIAN ATTRIBUTE: provide patient-centered care, employ evidence-based practice

CULTURAL/LINGUISTIC DIVERSITY/IMPLICIT BIAS (AB241) Reflect on the patient populations most affected and consider how implicit bias may impact appropriate care of these patients. Minoritized individuals may have a large burden of disease, with poor access to treatment and diagnostic paradigms.