PATIENT GUIDE TO UNDERSTANDING THE 6 Pillar Approach

A new surgical approach to access and remove deep-seated brain abnormalities using advanced technologies
WHAT IS THE 6 PILLAR APPROACH TO BRAIN SURGERY?

The 6 Pillar Approach to brain surgery is an evolution in how a surgeon gains access and visualization to reach and remove brain lesions through smaller openings. While individual technologies have been available for more than a decade, they have primarily been used independent of one another. Neurosurgery has now evolved to reach the Final Frontier by using an approach that can realize the full potential of each technology component.

This use of technologies to address patient outcomes is called the 6 Pillar Approach (parafascicular surgery of the white matter of the brain). The approach is taught to surgeons through a CME accredited course that highlights new approaches to disease states that previously may have been considered inoperable.

THE 6 PILLAR SEQUENCE

1. Planning the Surgical Route
   Finally, the surgeon can see the most delicate structures of the brain in the finest detail as they plan their surgical pathway before the surgical procedure begins.

2. Navigation
   Navigation is similar to a GPS system for the brain. This GPS allows for real-time guidance to the abnormality.

3. Safe Access to the Abnormality
   The NICO BrainPath® dramatically changes how surgeons can safely move through the natural folds and delicate fibers of the brain to access the abnormality, all through an opening the size of a dime.

4. Safe Access to the Abnormality
   Significant advancements in optics platforms have lead to unprecedented visual clarity for the surgeon during the procedure.

5. Removal of the Abnormality
   The NICO Myriad (r-ball) tissue resector provides automated tissue removal through a device with a profile that is smaller than a pencil.

6. Hope for the Future
   The NICO Myriad collects the removed tissue and preserves it in a sterile form to provide the opportunity to explore personalized treatment regimes that are unique to each and every patient. This is what can give patients hope -- hope for a better today and tomorrow.