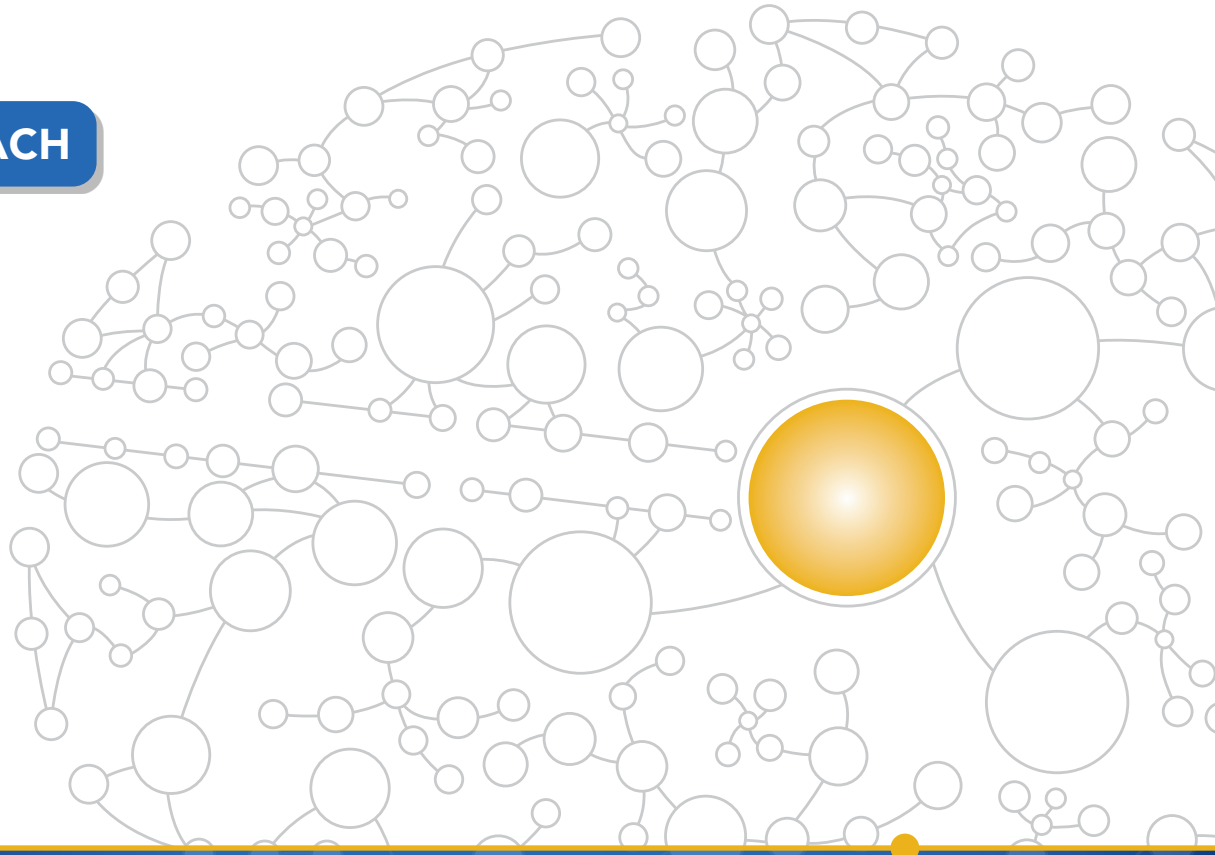
Leading through Innovation.

AN INTEGRATED SYSTEMS APPROACH

Creating a New Normal
in Modern Neurosurgery



NICO
CORPORATION

OUR MISSION is SIMPLE

Proven and patented technologies within a SYSTEMS APPROACH that integrates imaging and intervention for a safe, minimally disruptive approach to brain surgery.

Delivering Improved Outcomes for Patients
& EFFICIENCIES FOR HEALTHCARE PROVIDERS

PATIENT OUTCOMES[1]
Improved | Reproducible | Consistent

ECONOMIC OUTCOMES
Shorter LOS[2] **| More efficient procedures**[3] **| Improved economic benefits**[4]

Proven Market Leader

10 YEARS OF EVIDENCE | 150+ PEER-REVIEWED PUBLISHED OUTCOMES | OVER 40,000 PATIENT LIVES IMPACTED

OUR UNIQUE CAPABILITIES | A SYSTEMS APPROACH

A Complete Solution.

NICO SYSTEMS SOLUTIONS

INTEGRATED TECHNOLOGIES

ACCESS
Navigation through the natural corridors of the brain using a trans-sulcal and parafascicular route

ILLUMINATION
Enhanced visualization enabling flexibility for surgical optics

REMOVAL
Non-ablative, non-ultrasonic, automated resection for tumor removal and ICH clot evacuation

Intraoperative tissue **COLLECTION** and biological **PRESERVATION** for potential personalized medicine

OFFERING SURGEONS OPTIONS and procedural efficiencies

1

Multiple surgical approaches for vascular and tumor abnormalities

2

Multi-functional technology to improve efficiencies within the procedure

3

Improving patient outcomes while efficiently managing expenditures[5]

SYSTEMS SOLUTION | ACCESS

The Way You Access Matters.

Why Trans-Sulcal Access is Different using BrainPath

- All tissue is relevant; BrainPath displaces tissue vs disrupts
- Designed to preserve brain tissue and vasculature during cannulation

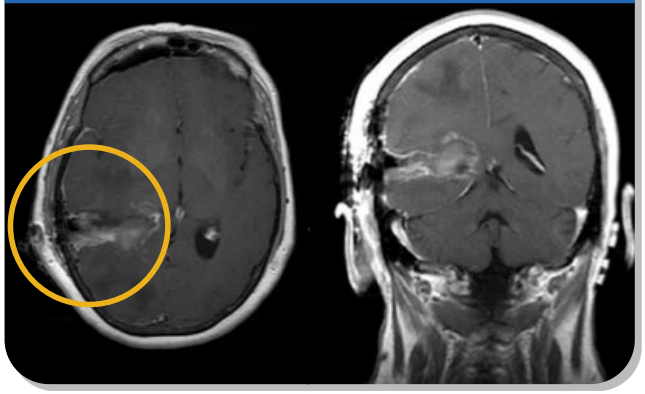
Why a Parafascicular Approach

- Designed to minimize shear forces applied to primary white matter tracts
- Designed for fiber tract preservation

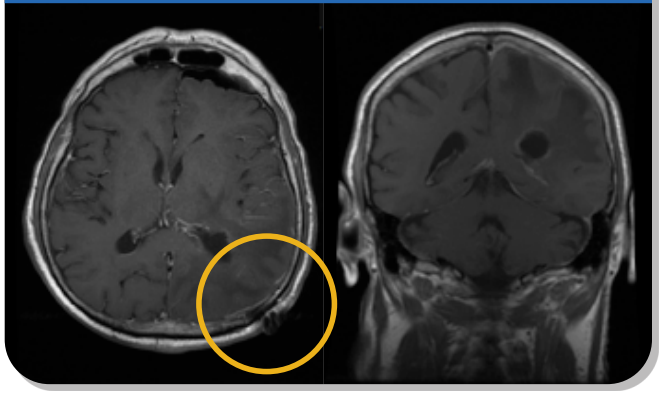
BrainPath creates an opening about the size of a dime.

BrainPath integrates with navigation and optics to achieve minimally-disruptive access.

Conventional Surgery



BrainPath Surgery

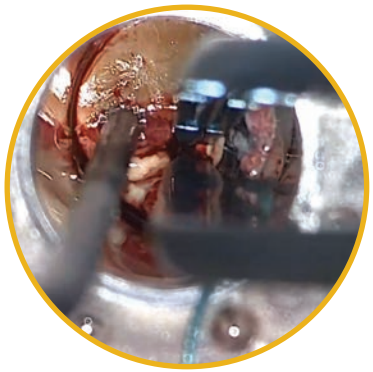


Post-operative images reveal one of the key differences between conventional brain access and access using BrainPath.

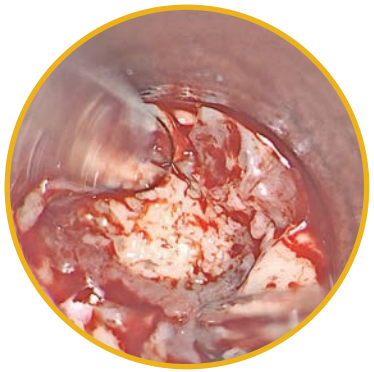
Scan or click to access NICO YouTube for surgical procedure videos, patient stories, and technology training.

NICO BRAINPATH®

BrainPath has an atraumatic tip designed to minimize tissue disruption during advancement to the surgical site. The BrainPath family of products includes 13.5mm and 11mm diameter devices in a variety of lengths to address multiple surgical needs.



BrainPath allows for bi-manual and micro-surgical techniques to manage bleeding.

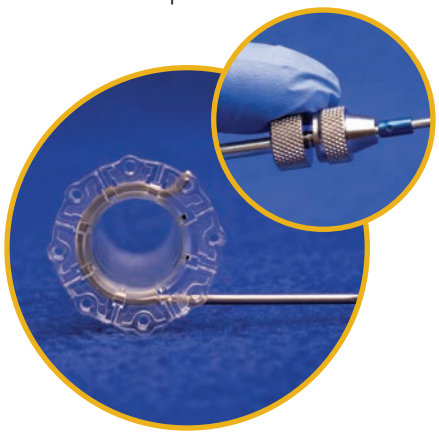


BrainPath allows surgeons to easily maintain access to the surgical site.

NICO TOOLS for ACCESS

Select-Lock Shepherd's Hook®

Stabilizes the sheath with the ability to lock it into place.



MeniGLIDE®

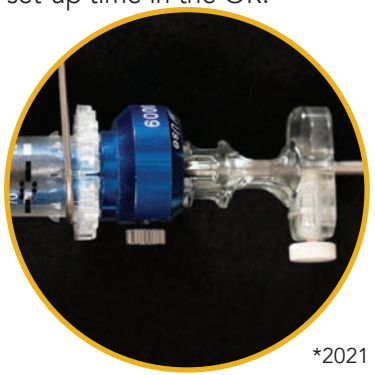
Safely opens the meninges with surgeon control while protecting collateral tissue.

SecureHOLD Retractors®

Retracts and retains the skin with a low-profile, wide-hook design.

Navigation Probe Adapter*

Enables navigation without having to pin the patient, creating the potential for less equipment and less set-up time in the OR.

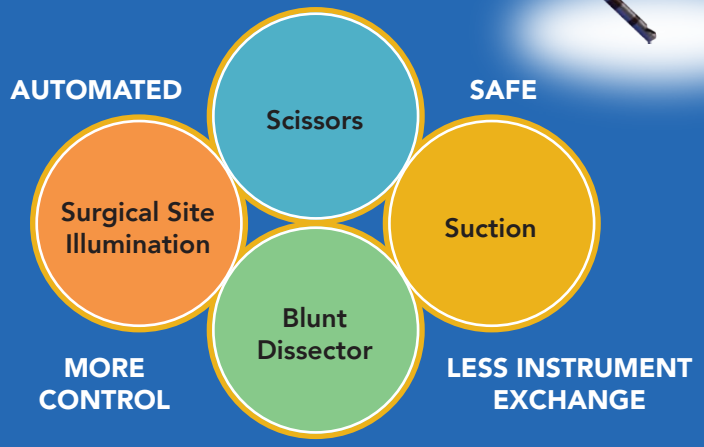


*2021 release

SYSTEMS SOLUTION | ILLUMINATION & REMOVAL

Versatility Redefined.

A Whole New Level of Multi-functionality



MYRIAD NOVUS®

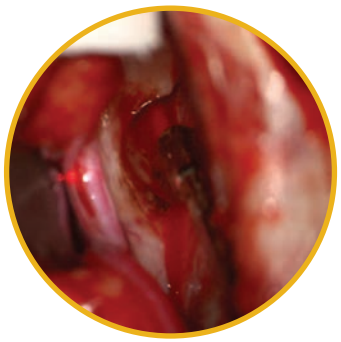
MYRIAD NOVUS

Offers enhanced visualization with multi-functional capabilities for automated resection and intraoperative tissue collection and preservation.

MYRIAD-LX® LIGHT SOURCE

Coupled with the Myriad handpiece, the Myriad-LX light source enables procedural efficiencies, surgeon convenience with choice of optics, and improved visualization through Xenon light delivery and in-situ tissue identification.

Surgery with NOVUS using Xenon light.



Surgery without using Xenon light.

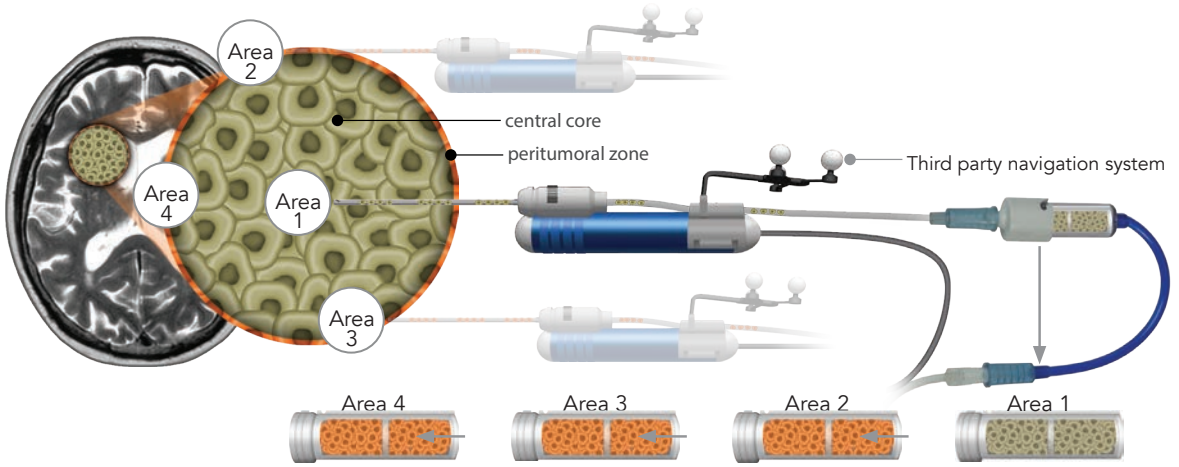
SYSTEMS SOLUTION | TISSUE COLLECTION & PRESERVATION

Biological Tissue Preservation.

AUTOMATED INTRAOPERATIVE TISSUE HARVESTING

One seamless, closed-capture system designed to minimize tissue degradation and preserve tissue using the Automated Preservation System

- Collect more tissue that remains intact due to closed capture system
- Annotate tissue samples by intratumoral location
- May enable a reduction in sampling error



NO ADDITIONAL EFFORT IN THE OPERATING ROOM

PUTS YOU ON THE CUTTING EDGE OF ONCOLOGY RESEARCH

POTENTIAL ADVANCEMENTS IN PERSONALIZED THERAPIES

Scan or click to view the NICO technology family of products.

AUTOMATED PRESERVATION SYSTEM®

Standardizes intraoperative tissue collection and biological preservation while in the operating suite.

Automated specimen collection.

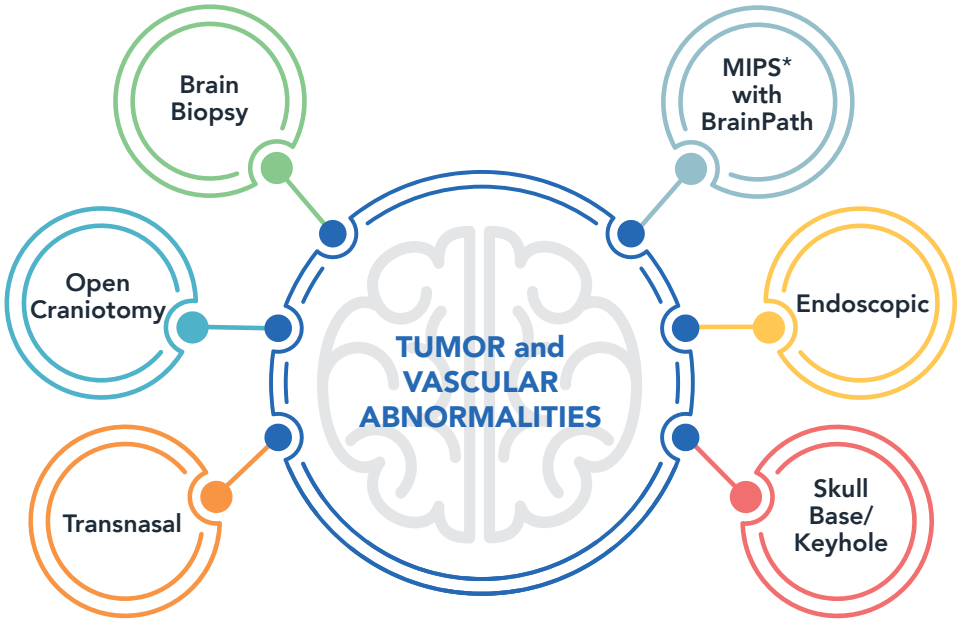
Automated infusion of your choice of fluids.

Immediate refrigeration of collected tissues.

OUR SURGICAL FOCUS | VASCULAR & TUMOR ABNORMALITIES

One System. Multiple Applications.

SURGICAL APPROACHES

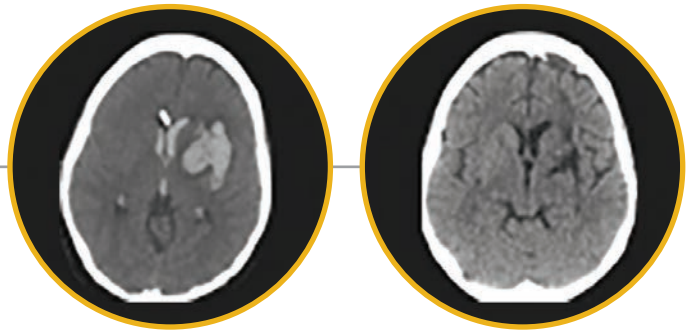


NICO TECHNOLOGIES ARE APPLIED IN MULTIPLE SURGICAL APPROACHES

IMPROVED OUTCOMES FOR THE PATIENT[6]

MORE EFFICIENCIES FOR THE SURGEON AND HEALTHCARE PROVIDER[7]

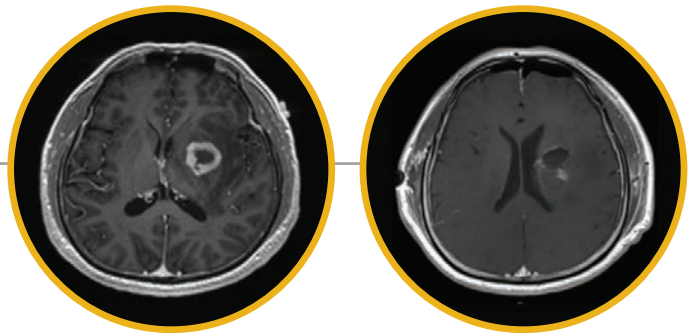
VASCULAR



ICH pre-op image

ICH post-op image

TUMORS



Primary tumor pre-op image

Primary tumor post-op image

*Minimally Invasive Parafascicular Surgery

YOUR CHOICES | UNLIMITED CONTROL

A More Efficient Procedure.

PRE-OPERATIVE

- Insitu Xenon light delivery allowing for your optics of choice: microscope, loupes or an exoscope
- Simplified OR set-up
- Product packaging to support needs of entire procedure
- Enables navigation without having to pin patients

INTRAOPERATIVE

- Automated, multi-functional technology, resulting in less instrument exchange, driving efficiencies during the procedure
- Automated tissue collection and preservation, reducing the need for OR staff involvement

NICO TECHNOLOGY COMPATIBILITY

Surgical Procedures We Support

SURGICAL APPROACH	ACCESS	REMOVE	TISSUE COLLECTION & PRESERVATION
MIPS with BrainPath	✓	✓	✓
Brain Biopsy	✓	✓	✓
Skull-Base / Keyhole	✗	✓	✓
Transnasal	✗	✓	✓
Endoscopic	✗	✓	✓
Open Craniotomy	✗	✓	✓
	NICO BrainPath	NICO Myriad & Myriad NOVUS-LX	NICO Automated Preservation System

Scan or click here to view our surgical specialties on the NICO website.

OUR WHY | PATIENTS & PUBLISHED OUTCOMES

Blakely Murphy
Three brain tumors; now a PhD student

Ryan Vincent
Two brain tumors, two surgical approaches

Cathy Alexander
Back to driving & playing with grandkids after ICH

Brian Melchor
Began walking 2 months after ICH evacuation

Ed Cerninka
Once-inoperable brain tumor removed using BrainPath

Zach Sterling
Home two days after surgery that removed multiple cavernomas

150+ peer-reviewed publications and abstracts

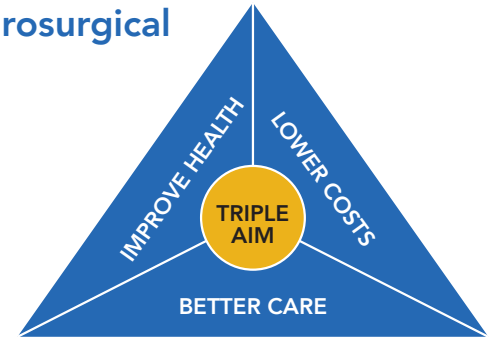
CONSISTENT OUTCOMES

A growing amount of independently published data shows repeated safety, efficiency and reduced surgical morbidity associated with using NICO technologies.

35+ presentations at national and international neurosurgical conferences

ECONOMIC VALUE

Delivering economic value while improving care to your patients – meeting Triple Aim.



TRIPLE AIM OF HEALTHCARE

40,000+ patient lives impacted

Scan or click to access our complete Bibliography of published outcomes.

OUR TRAINING | CHOICES FOR YOU & YOUR TEAM

NICO supports your educational interests in person, through on-site courses, and in virtual training that allows you and your team to learn, practice and develop skills in the most convenient and efficient way for you.

COURSES

MIPS training opportunities are held throughout the U.S. and at select international locations. Courses are designed for multi-disciplinary team training and include a leading-edge curriculum with appropriate patient selection, disease state applications, clinical and economic evidence, and a hands-on skills lab. Courses are led by peer neurosurgeons who have performed hundreds of cases using NICO technologies.

ON-SITE TRAINING

Training opportunities using NICO technologies in all surgical approaches are held on-site at healthcare institutions. This training allows your institution to gather interested constituents to participate in a leading-edge curriculum with appropriate patient selection, disease state applications, clinical and economic evidence, and a hands-on skills lab.

IN-SERVICE TRAINING

Educational programs for staff to ensure competency and comfort using NICO technologies.

PROCEDURE SUPPORT

It's always our goal to complete case support on-site and in-person; however, we also offer virtual-remote case support to clinical teams for surgical preparation and during surgical procedures when necessary.

Scan or click to visit the most up-to-date training schedule.

To connect with NICO, call us at 888.632.7071
Visit us online at NICOneuro.com

NICO
CORPORATION

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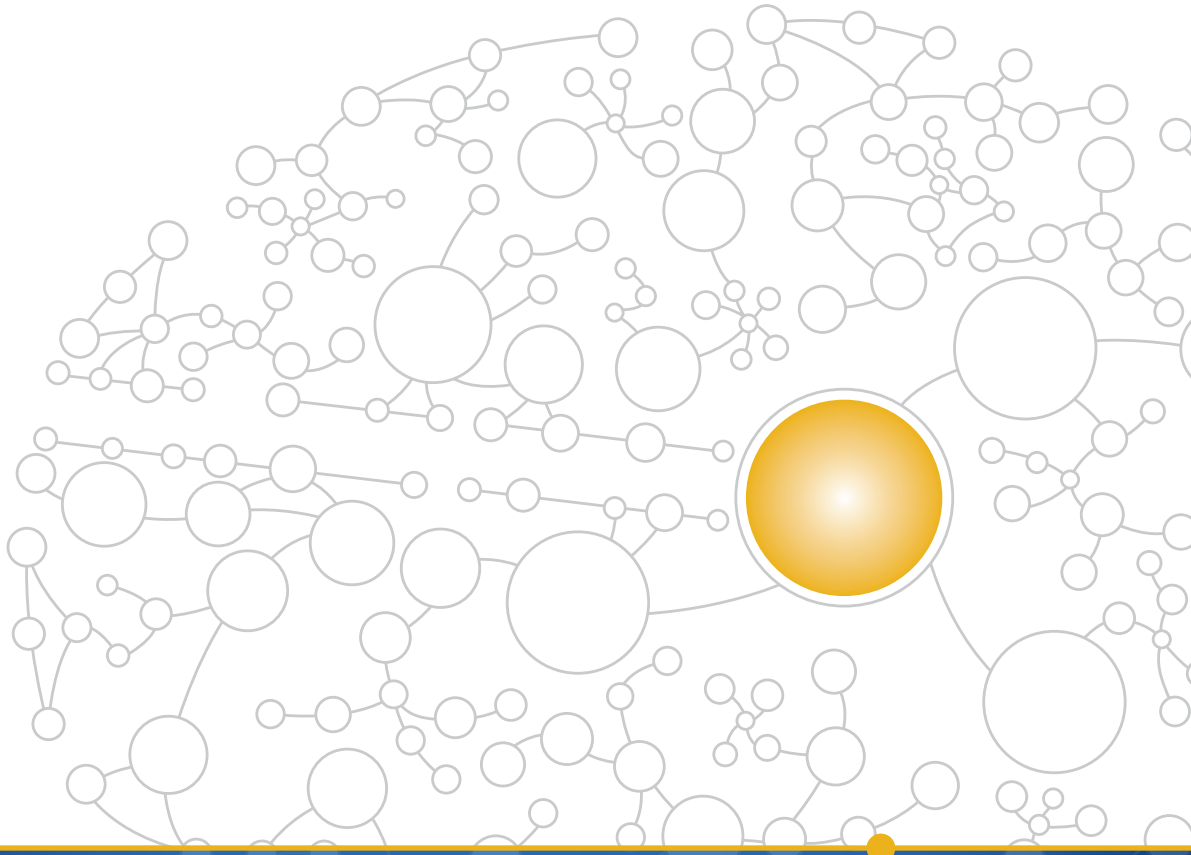

[1,5,6] Mansour S. et al. The Use of BrainPath Tubular Retractors in the Management of Deep Brain Lesions: A Review of Current Studies. *World Neurosurgery*, Feb. 2020. 134:155-163. Read article HERE.
[2,3,4,7] Norton SP, Dickerson EM, Kulwin CG, Shah MV. Technology that achieves the Triple Aim: An economic analysis of the BrainPath approach in neurosurgery. *ClinicoEconomic and Outcomes Research*, 2017. 9:519-523. Access article HERE. Coppens J. Minimally Invasive Parafascicular Surgery (MIPS) in ICH: Economic Argument for Early Surgery. *SSG White Paper*, 2018. Subcortical Surgery Group. Read White Paper HERE.