

Dr Ammar Anwer is a  
Neurosurgeon with  
expertise in Minimally  
Invasive Neurosurgery  
(Brain and Spine) and  
Functional  
Neurosurgery (Deep  
Brain Stimulation, Spinal  
Cord Stimulation)



## CONTACT US

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# Minimally Invasive Neurosurgery

LIGHTS, CAMERA, NEURONS

# SCOPE OF SERVICES

## MINIMALLY INVASIVE ENDOSCOPIC BRAIN SURGERY

*Endoscopic surgery is either done through nose or through a small hole in skull (0.5cm). The following conditions are treated with endoscopic surgery;*

1. *Hydrocephalus*
2. *Pituitary Tumors*

## BRAIN ONCOLOGY

*Brain tumors are treated utilizing microscopic surgical techniques. The aim of brain tumor surgery is to remove the maximal possible tumor while ensuring that the patient doesn't develop any new deficit. Brain oncological services are available for;*

1. *Primary Brain Tumor*
2. *Meta-static brain tumors*

## STEREOTACTIC BRAIN BIOPSY

*Stereotactic brain tumor biopsy is a minimally invasive technique for diagnosing deep brain lesions, aspirations of cysts and hematomas. Dr Ammar Anwer performs stereotactic procedures using Inomed*

*RM & ZD frames. Procedure is done under local anesthesia and a small hole is drilled in skull. This procedure has sub-millimeter accuracy, and high diagnostic yield.*

## PERCUTANEOUS SPINE SURGERY

*This is minimally invasive spine surgery which is done utilizing endoscope and special spine fixation instruments. There is minimal scarring and patient is discharged on the same evening. These services are available for;*

1. *Prolapsed intervertebral disc*
2. *Spine fractures*

## FUNCTIONAL NEUROSURGERY

*Deep Brain Stimulation and Spinal Cord Stimulation surgical and IPG programming services are available with Dr Ammar Anwer for all FDA approved indications.*

1. *Medtronic Activa DBS system*
2. *St Jude's Medical Infinity DBS system*
3. *PINS Medical G102 DBS system*
4. *Medtronic Prime Advanced SCS system*

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NEED A CONSULT?  
YOU CAN EITHER  
SCHEDULE YOUR  
APPOINTMENT FOR  
CLINIC VISIT OR  
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CONTACT:

