

# MAYFIELD

## Brain & Spine



### Patient Education Program

#### About Our Program

Mayfield Clinic is pleased to offer a comprehensive neuroscience patient education program for centers around the country. The program includes award-winning, reputable information on a variety of clinical conditions and treatments for patients with diseases and disorders of the brain and spine. Accurate, impartial, and well-balanced health information is our priority; The *Mayfield Certified Health Info* seal assures that our content complies with the HONcode standards and Meaningful Use guidelines.

#### Evidence-based & patient friendly

Our health information is free of influence from any drug, medical device, or other company. Written at an eighth-grade reading level, each topic is richly illustrated with clearly labeled artwork. Step-by-step guides inform patients about what will happen during surgery. Patients learn about potential risks and establish an expectation of results that can enhance the informed-consent process.

Our content is developed under the direction of Mayfield's editorial staff and Patient Education Committee. Based on the medical literature, our content is peer-reviewed and updated annually (if needed) by the physicians and nurses of the Mayfield Clinic to ensure it is accurate and reflects current medical practice.

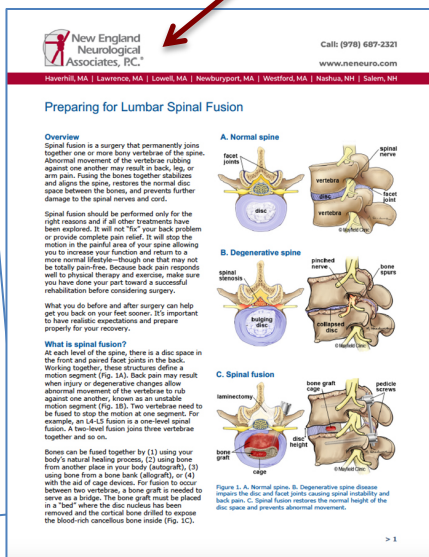
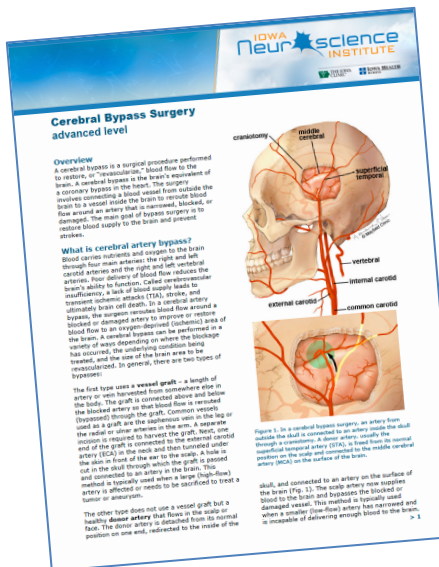
#### Enhance patient literacy & treatment compliance

Delivered in PDF format, these handouts can be printed on demand for use in the clinical office and viewed by patients through your Web site. Clear and concise education materials save your staff time. Enable patient responsibility for self care, improve understanding of instructions, support informed consent, and foster realistic treatment expectations.

#### Branding & customization options

We offer a yearly licensing program, whereby your company logo and contact information can be custom-branded to our written patient education materials. Our content is delivered by RSS feed to integrate into a subscriber's Web site. Feed includes the overview text, a thumbnail image, and a link to the client-branded PDF.

Custom header: your logo & contact info



RSS feed: thumbnail image, 50-word overview, link to PDF

RSS/XML Feed Brain



Anatomy of the Brain

The brain is an amazing three-pound organ that controls all functions of the body, interprets information from the outside world, and embodies the essence of the mind and soul. Intelligence, creativity, emotion, and memory are a few of the many things governed by the brain. Protected within the skull, the brain is composed of the cerebrum, cerebellum, and brainstem.



Acoustic neuroma (vestibular schwannoma)

An acoustic neuroma is a tumor that grows from the nerves responsible for balance and hearing (vestibulocochlear nerve). They are not cancerous and usually grow slowly. Over time they can cause gradual hearing loss, ringing in the ear, and dizziness. Because of their slow growth, not all acoustic neuromas need to be treated. Treatment options include observation, surgery, and radiation.

Corporate Office

3825 Edwards Road • Suite 300 • Cincinnati, Ohio 45209  
513-221-1100 • 800-325-7787 • MayfieldClinic.com

# Mayfield Health Library Titles

## **BRAIN TOPICS** (54 titles)

Anatomy of the brain  
Brain tumors: an introduction  
Brain biopsy  
Acoustic neuroma  
Acoustic surgery: suboccipital  
Glioma  
Meningioma  
Metastatic brain tumors  
Pituitary tumors  
Craniotomy  
Endoscopic pituitary surgery  
Gamma Knife (framed)  
Gamma Knife (frameless mask)  
Stereotactic radiosurgery (LINAC)  
Fractionated radiotherapy (LINAC)

Aneurysms, ruptured  
Aneurysms, unruptured  
Aneurysm clipping  
Aneurysm coiling, stenting, flow diversion  
Arteriovenous malformations  
Carotid artery disease (stenosis)  
Cerebral bypass surgery  
Intracranial artery stenosis  
Intracerebral hemorrhage (ICH)  
Subarachnoid hemorrhage (SAH)  
Moyamoya disease  
Stroke (tPA & thrombectomy)

Seizures  
Epilepsy  
Epilepsy surgery  
Trigeminal neuralgia  
Glossopharyngeal neuralgia  
Hemifacial spasm  
Percutaneous stereotactic rhizotomy (PSR)  
Microvascular decompression (MVD)

Essential tremor  
Parkinson disease  
Coping with Parkinson's  
Deep brain stimulation (DBS)

Concussion  
Traumatic brain injury (TBI)  
Chiari I malformation and syringomyelia  
Chiari decompression surgery  
Normal pressure hydrocephalus shunt

## **MEDICAL TESTS**

Angiogram  
CT / CTA scan  
Electroencephalogram (EEG)  
Functional MRI & DTI  
Hearing (audiogram) test  
MRI / MRA scan  
MR spectroscopy  
PET scan  
SPECT scan  
Visual field test  
X-ray

## **SPINE TOPICS** (50 titles)

Anatomy of the spine  
Back pain  
Leg pain (sciatica)  
Neck pain  
Cauda equina syndrome  
Coccydynia (tailbone pain)  
Degenerative disc disease  
Facet joint syndrome / arthritis  
Herniated cervical disc  
Herniated lumbar disc  
Sacroiliac joint pain  
Spinal deformity, scoliosis  
Spinal fractures  
Spinal stenosis  
Spondylolisthesis

Artificial cervical disc replacement (arthroplasty)  
Fusion: Anterior cervical discectomy & fusion (ACDF)  
Fusion: Anterior lumbar interbody fusion (ALIF)  
Fusion: Axial lumbar interbody fusion (AxiaLIF)  
Fusion: Lateral lumbar interbody fusion (LLIF)  
Fusion: Transforaminal lumbar interbody fusion (TLIF)  
Preparing for lumbar spinal fusion  
Lumbar discectomy  
Spinal decompression: laminectomy  
Vertebroplasty & kyphoplasty  
Carpal tunnel syndrome surgery

## **NONSURGICAL SPINE**

Body mechanics & posture  
Braces for your back and neck  
Core exercises  
Chiropractic care  
Physical medicine & rehab (PM&R)  
Physical therapy  
Self care for neck and back pain  
Pain management

## **PM&R / PAIN INTERVENTION**

Epidural steroid injection (ESI)  
Facet joint injections  
Nerve block injection test (MBB)  
Nerve radiofrequency ablation  
Occipital nerve block injection  
Sympathetic nerve block  
Spinal cord stimulation (SCS)  
Spinal (intrathecal) pain pump  
Transcutaneous electrical nerve stimulation (TENS)

## **MEDICAL TESTS**

CT / CTA scan  
Discogram  
Electromyogram (EMG) & NCS  
Lumbar puncture  
MRI / MRA scan  
Myelogram  
X-ray

To preview content visit [http://www.mayfieldclinic.com/HT\\_az.htm](http://www.mayfieldclinic.com/HT_az.htm)