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# A New Supplement to *Operative Neurosurgery*: Essential Neurosurgery for Medical Students

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Congress of  
Neurological  
Surgeons



Neurosurgery is the medical specialty that focuses on the diagnosis and treatment of disorders of the brain, spine, spinal cord, and peripheral nerves. Although it is fundamentally a surgical discipline, neurosurgery requires knowledge of neurology, critical care, trauma care, and radiology. Neuroanatomy and disorders of the human nervous system may be intimidating to students and non-neurological physicians. All practitioners, however, should be familiar with some aspects of the discipline of neurosurgery. This supplement provides a basic fund of knowledge all physicians should have, regardless of their chosen specialty.

This supplement specifically addresses:

- The Neurological Examination
- Neurosurgical Physiology and Neurocritical Management of the Acute Neurosurgical Patient
- Trauma
- Vascular
- Tumor
- Spine
- Pediatrics
- Epilepsy, Functional Neurosurgery, and Pain
- Peripheral Nerve

This *Operative Neurosurgery* supplement is available online via Advance Access and will publish as a supplement to the August 2019 issue of *Operative Neurosurgery*. The supplement is online only and freely accessible at [bit.ly/med\\_suppl](http://bit.ly/med_suppl)

