



# 2021 SANS Written Boards Review Course

Saturday, January 30  
Zoom

## Course Directors

Russell R. Lonser and Akash J. Patel

## Course Description

The SANS Written Boards Review Course prepares neurosurgery residents for the ABNS Primary Examination (commonly referred to as the Written Boards). Expert faculty cover the breadth of all subspecialty and general neuro topics included on the Written Boards Exam, in addition to leading a quiz-format portion featuring SANS questions with interactive polling.

The one-day intensive review provides summative didactic sessions covering the breadth of neuroanatomy, neurobiology, neuropathology, neuroimaging, neurology, neurosurgery, critical care, and core competencies—from synaptic physiology to cranial nerve anatomy to complex spine surgery.

## Learning Objectives

Upon completion of this course, participants will be able to:

1. Describe the surgical and non-surgical management of tumors, vascular malformations, trauma, pain, and other pathological processes that affect the central nervous system (e.g., brain, hypophysis, and spinal cord), the peripheral nervous system (e.g., cranial, spinal, and peripheral nerves), the autonomic nervous system, the supporting structures of these systems (e.g., meninges, skull and skull base, and vertebral column), their vascular supply (e.g., intracranial, extracranial, and spinal vasculature), and their histopathology
2. Discuss the use and interpretation of images associated with these conditions
3. Discuss neurodegenerative processes and their management

## AGENDA

Saturday, January 30

8:00–8:30 am	Course Introduction, Russell R. Lonser and Akash J. Patel
8:30–9:30 am	Trauma and Critical Care, Ryan S. Kitagawa and Martina Stippler
9:30–10:30 am	Spine Surgery, Jared Fridley and Alexander E. Ropper
10:30–11:00 am	Neuropathology, Tarik Tihan
11:00 am–12:00 pm	Brain Tumors and Skull Base, Anand V. Germanwala and Akash J. Patel
12:00–1:00 pm	Lunch Break

1:00–2:00 pm	Vascular, <b>Jacob Cherian and Adam J. Polifka</b>
2:00–3:00 pm	Peripheral Nervous System, <b>Robert J. Spinner</b>
3:00–4:00 pm	Pediatric Neurosurgery, <b>Taryn M. Bragg and Jason Hauptman</b>
4:00–5:00 pm	Pain and Functional Neurosurgery, <b>Ahmed Raslan and Ashwin Viswanathan</b>
5:00–5:30 pm	Course Wrap-up, <b>Russell R. Lonser and Akash J. Patel</b>

*Agenda and faculty subject to change*