These training requirements apply to those who begin training on or after July 1st, 2015.

MINIMUM TRAINING REQUIREMENTS

Six years of approved residency training. This must include:

1. Two (2) years of approved residency in foundational training, a maximum of eighteen (18) blocks of which may be undertaken in Neurosurgery. This period must include the following:
   1.1. A minimum of one (1) block of critical care
   1.2. A minimum of one (1) block on a service that provides initial trauma management (such as Emergency Medicine, General Surgery, trauma team, Orthopedic Surgery, or Plastic Surgery)

2. Thirty-two (32) blocks of further training in Neurosurgery, including thirteen (13) blocks as senior/chief resident, providing progressively increasing responsibility for patient care
   2.1. A maximum of six (6) blocks of this period may be spent in pediatric Neurosurgery

3. Three (3) blocks of Neurology

4. Three (3) blocks of neuropathology

5. Fourteen (14) blocks of additional training relevant to the objectives of the specialty and acceptable to the program director and the residency program committee at a hospital or university centre in Canada or abroad, selected from one or more of the following:
   5.1. Neurosurgery
   5.2. Related clinical or basic neuroscience disciplines
   5.3. Clinical or basic research
   5.4. Other scholarly activities
NOTES:

Senior/chief residency is defined as a period in which the resident is regularly entrusted with the responsibility for pre-operative, operative, and post-operative care, including the most difficult problems in Neurosurgery. The senior/chief resident shall be in charge of the surgical unit. The senior/chief resident shall be directly responsible to the attending staff surgeons in the neurosurgery unit.

REQUIREMENTS FOR CERTIFICATION

Royal College certification in Neurosurgery requires all of the following:

1. Successful completion of a 2-year Royal College Surgical Foundations curriculum;
2. Successful completion of the Royal College Principles of Surgery examination;
3. Successful completion of a 6-year Royal College accredited program in Neurosurgery; and
4. Successful completion of the certification examination in Neurosurgery.

The six year program outlined above is to be regarded as the minimum training requirement. Additional year(s) of training may be required by the program director to ensure that clinical competence has been achieved.

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