Subspecialty Training Requirements in Neuroradiology

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VERSION 2.1

These training requirements apply to those who begin training on or after July 1st, 2014.

ELIGIBILITY REQUIREMENTS TO BEGIN TRAINING

Royal College certification in Diagnostic Radiology

OR

Eligibility for the Royal College certification examination in Diagnostic Radiology

OR

Registration in a Royal College-accredited residency program in Diagnostic Radiology (see requirements for these qualifications)

ELIGIBILITY REQUIREMENTS FOR EXAMINATION/CERTIFICATION

All candidates must be Royal College certified in Diagnostic Radiology in order to be eligible to write the Royal College certification examination in Neuroradiology.

MINIMUM TRAINING REQUIREMENTS

Twenty-four (24) months of approved residency in Neuroradiology, of which a maximum of one year may be undertaken during the final year of Diagnostic Radiology, with the joint approval of the program directors in Diagnostic Radiology and Neuroradiology. This twenty-four (24) month period must include:

1. Twelve (12) months of clinical Neuroradiology, which must include:
   1.1. Cerebral and spinal angiography
   1.2. Computed tomography (CT) scanning related to the brain, head, neck, and spine
   1.3. Percutaneous spinal intervention, including lumbar puncture, myelography, and pain management procedures
   1.4. Magnetic resonance imaging (MRI) related to the brain, head, neck and spine
   1.5. Ultrasound related to the brain, head, neck, and spine

1 These eligibility requirements are not applicable to Subspecialty Examination Affiliate Program (SEAP) candidates. Please contact the Royal College for information about SEAP.
1.6. Plain film radiology related to the brain, head, neck, and spine
1.7. Interventional neuroradiology/endovascular therapy
1.8. A minimum of two (2) months of pediatric neuroradiology

2. Twelve (12) months, selected from one or more of the following:
   2.1. Up to twelve (12) months in any area of clinical Neuroradiology listed above
   2.2. Up to twelve (12) months in any combination of the following:
       2.2.1. Head and neck imaging
       2.2.2. Spine imaging/intervention
       2.2.3. Functional neuroimaging
   2.3. Up to six (6) months in one or more of the following:
       2.3.1. Neurology
       2.3.2. Neuropathology
       2.3.3. Neurosurgery
       2.3.4. Nuclear Medicine
       2.3.5. Other elective related to Neuroradiology upon the approval of the program director
   2.4. Up to twelve (12) months in clinical or basic research, at the discretion of the program director

**NOTES:**

During the 2-year program, the resident must be provided with increasing responsibility in the care of patients and in the procedural and interpretive skills that relate to Neuroradiology. The resident must have broad experience in the performance and supervision of technical procedures and use of equipment in all neuroradiological imaging modalities or techniques.

Candidates who have successfully completed one year of residency in an Accreditation Council for Graduate Medical Education (ACGME) accredited Neuroradiology program and an additional year of training, which must include a minimum of four (4) weeks, or longitudinal equivalent, of pediatric Neuroradiology training under the auspices of an ACGME- or Royal College-accredited program in Neuroradiology, may be eligible for the certification examination in Neuroradiology.
REQUIREMENTS FOR CERTIFICATION

Royal College certification in Neuroradiology requires all of the following:

1. Royal College certification in Diagnostic Radiology;

2. Successful completion of a 2-year Royal College accredited program in Neuroradiology, or equivalent as described above;

3. Completion of a scholarly research, quality assurance, or educational project relevant to Neuroradiology; and

4. Successful completion of the certification examination in Neuroradiology.

The 2-year program outlined above is to be regarded as the minimum training requirement. Additional training may be required by the program director to ensure that clinical competence has been achieved.