**Table of Survey Results**

| **Country** | **N.****Responders** | **Specialty school/Fellowship in Neuroradiology** | **How to become Neuroradiologist** | **How to become Interventional Neuroradiologist** | **Neuroendovascular procedures performed by Interventional Radiologists** | **Neuroendovascular procedures performed by non-Radiologists** | **INR Training required** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **AUSTRIA** | 3 | No | No specific NR requirements or qualification. | No specific INR requirements or qualification. Certification of neuro-interventionalists and training sites based on existing modular certification concept by the scientific societies ÖGIR (Austrian society for interventional radiology) and ÖGNR (Austrian society for neuroradiology) is highly recommended. | Yes | Yes | No |
| **BELGIUM** | 2 | No | No specific NR requirements or qualification. | No specific INR requirements or qualification. | Yes | Yes | No |
| **BULGARIA** | 2 | No | No specific NR requirements or qualification. | Specific INR requirements, but No qualification. | Yes | Yes | No, but it is in progress. |
| **CROATIA** | 1 | Yes | Specific NR requirements & qualification. | No specific INR requirements or qualification. | Yes | No | Yes, but no formal |
| **CYPRUS** | 1 | Yes | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | Yes | No | Yes |
| **CZECH REPUBLIC**  | 1 | No, it used to be in the past.  | No specific NR requirements or qualification. | No specific INR requirements or qualification. INR is part of Interventional Radiology training. | Yes | No | No |
| **DENMARK** | 1 | No | No specific NR requirements or qualification. | Specific INR requirements, but No qualification. | Yes | No | Yes: No formal fellowship is available, but training is required before independent work as INR specialist is performed. |
| **ESTONIA** | 1 | No | No specific NR requirements or qualification. | Specific INR requirements, but No qualification. | Yes | Yes | Yes |
| **FINLAND** | 3 | Yes | Specific NR requirements & qualification. | Specific INR requirements, but No qualification. | Yes | No | Yes |
| **FRANCE\*** | 3 | No | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | Yes | Yes | Yes |
| **GERMANY** | 3 | Yes | Specific NR requirements & qualification. | Specific INR requirements or qualification. | Yes | No | Yes |
| **GREECE** | 2 | No. But in the process of the subspecialty of diagnostic and interventionalneuroradiology to be approved. | No specific NR requirements or qualification. | Specific INR requirements & qualification. The qualification is currently obtained by training in other countries that provide INR qualifications and is approved by the Ministry of Health. | No. There is a discussion that Interventional Radiologists get involved in stroke after a minimum of 9-month training. | Yes | Yes |
| **HUNGARY** | 1 | Yes | Specific NR requirements & qualification. It is a secondary board examination following board exam in Radiology. | Specific INR requirements & qualification. See point 6. | Yes, after completion of the special competency license training and examination inNeurointerventions.  | Yes, after completion of the special competency license training and examination inNeurointerventions. | Yes, it is a special competency license, requiring a 2 years fulltime clinical training in INR following a boardexam in either radiology, neuroradiology, neurology, neurosurgery or cardiology. |
| **ICELAND** | 1 | No | Specific NR requirements & qualification. | Specific INR requirements & qualification. | No | No | No |
| **IRELAND** | 1 | Yes: no specialty school exists, but fellowship training in Neuroradiology is provided. | Specific NR requirements & qualification. | Specific INR requirements, but No qualification. Must have completed 2 years of fellowship training in neuroradiology. | No | No | Yes |
| **ITALY\*** | 4 | No | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | Yes | Yes | No |
| **LATVIA** | 1 | Yes | Specific NR requirements & qualification. | Specific INR requirements, but No qualification. | Yes | No | Yes |
| **LITHUANIA** | 1 | No | No specific NR requirements or qualification. | No specific INR requirements or qualification. INR procedures could be performed by any interventional radiologist. | Yes | Yes. In smaller centres, cardiologists perform thrombectomy (only) in case of stroke. | No |
| **LUXEMBOURG** | 1 | No | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | Yes | Yes | No |
| **MALTA** | 1 | No | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | No | No | Yes |
| **NETHER-LANDS** | 1 | Yes | Specific NR requirements & qualification. | Specific INR requirements & qualification. | No, except for endovascular treatment (stroke). | Yes | Yes (dedicated fellowship for INR, which can be entered by certified Radiologists, Neurologists, and Neurosurgeons). |
| **NORWAY** | 1 | No | No specific NR requirements or qualification. | No specific INR requirements or qualification. | Yes | Yes | No |
| **POLAND** | 3 | No | No specific NR requirements or qualification. | Specific INR requirements & qualification (certificate provided by Section of Interventional Neuroradiology, which is a Subdivision of Polish Medical Society of Radiology). | Yes, only stroke. | Yes | Yes |
| **PORTUGAL** | 1 | Yes | Specific NR requirements & qualification. Neuroradiology is an independent speciality with a five-year training programme and a final examination by a national jury. | Specific INR requirements & qualification. | No. Only Neuroradiologists can perform neuro intervention. | No. Only Neuroradiologists can perform these interventions as answered previously. | Yes |
| **ROMANIA** | 1 | No | Specific NR requirements, but No qualification. From 2018 NR is part of specialization of Interventional Radiology. | Specific INR requirements & qualification. Mandatory training in NR and INR, and candidates must pass an exam in order to perform Neurointerventional procedures. | Yes | Yes, very few cases (neurosurgeons). | Yes, but probably no more in the future.  |
| **SLOVENIA** | 1 | No | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | Yes | No | Yes |
| **SPAIN** | 2 | No | No specific NR requirements or qualification. | Specific INR requirements, but No qualification. | Yes | Yes | No. However,most Neuro-interventionalists have received training from Interventio-nal Neuroradiologists inAcademic/University Hospitals. |
| **SWEDEN** | 2 | Yes | Specific NR requirements & qualification.  | Specific INR requirements, but No qualification. | No | Yes | Yes |
| **SWITZER-LAND\*** | 3 | Yes | Specific NR requirements & qualification & examination. | Specific INR requirements & qualification & examination. | No (unless in a certified neurovascular centre under the supervision of a certified neuroradiologist). | No (unless in a certified neurovascular centre under the supervision of a certified neuroradiologist). | Yes |
| **TURKEY** | 1 | No | Specific NR requirements & qualification. | Specific INR requirements & qualification. | Yes | Yes | No |
| **UNITED KINGDOM\*** | 4 | Yes: no specialty school exists, but fellowship training in Neuroradiology is provided. | Specific NR requirements, but No qualification. | Specific INR requirements, but No qualification. | Not yet. (currently there are body interventional radiologists training for thrombectomy). | No | Yes |

**\*** Asterisk indicates countries where the involvement of additional referents from European or National scientific societies was necessary due to the uncertainty or discordance of the UEMS delegate's answer/s.