



EUROPEAN SOCIETY OF NEURORADIOLOGY  
Diagnostic and Interventional  
ESONR – EUROPEAN SCHOOL OF NEURORADIOLOGY

**ESONR – ESOR EXCHANGE PROGRAMME FOR NEURORADIOLOGY FELLOWSHIP**

**The aim**

Recent advances in diagnostic and interventional neuroradiology have rapidly expanded the range of applications of this subspecialty.

The need to sufficiently qualify further young radiologists/neuroradiologists to render confident diagnosis in central nervous system imaging (CNS) using state-of-the-art CT and MRI systems and the new development of interventional neuroradiology, led the European Society of Radiology (ESR) and the European Society of Neuroradiology (ESNR) to take the initiative in establishing an exchange programme for fellowships or subspecialisation training in neuroradiology.

It offers an opportunity to complement subspecialisation training in neuroradiology or an existing structured fellowship programme, through exchange, in this field of radiology. Through three months of training the trainee will be provided with intense modular training in neuroradiology and will be supervised by a specialised tutor in a pre-selected, highly esteemed, academic training centre in Europe.

The programme is aimed at **residents in their last year of training and board certified radiologists within three years after certification**, who desire to subspecialise in neuroradiology.

**ESNR/ESOR Evaluation Committee**

**ESNR 1 Prof. Paul Parizel**

Department of Radiology  
Universitair Ziekenhuis Antwerpen

**ESNR 2 Prof. Marco Leonardi**

Department of Neuroradiology  
Bellaria Hospital - University of Bologna

**ESOR Prof. Nick Gourtsoyiannis**

Department of Radiology  
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**Number of available exchange programmes**

Five such programmes will be offered every year, organised through ESOR, and the successful applicant will receive a grant jointly offered (50%-50%) from ESR and ESNR.



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### **Eligibility**

These exchange programmes are applicable to *residents in their last year of training in radiology and board certified radiologists within 3 years after certification, who desire to subspecialise in Neuroradiology.*

#### **Prerequisite:**

- Basic knowledge of current clinical practice in radiology with regard to CT, MRI and basics of angiography. Competence in producing a radiological report, in communication with clinicians and patients, and knowledge of the principles of administration and management applied to a clinical department with multi-disciplinary staff and high-cost equipment is essential. Understanding the medico-legal implications of uncertainty and errors in diagnostic radiology is necessary. A clinical background in other disciplines, which has been achieved through clinical experience and training prior to entering the fellowship. Clinical experience in neurology, neurosurgery is advantageous.
- Applicants must be fluent in English.
- ESR Full Membership fees must be settled.

### **Duration of fellowship and funding**

The training will start in the second half of 2010 and will be for 3 months each. The successful applicant receives a grant in order to contribute to travel, accommodation and subsistence costs. The training is offered for free. The trainee is responsible for his/her own health insurance.

### **Programme structure**

Based on weekly training programme modules, the trainees will familiarise themselves with the institution's imaging equipment. They will then learn data handling and post-processing at different workstations, followed by case-by-case hands-on teaching on routine clinical cases with different modalities from experienced staff. The training institutions expose each trainee to at least 100 brain studies and 100 spine studies that require CT and/or MRI evaluation as well as at least 50 angiography cases. Furthermore the trainee will be trained by a mentor in the interpretation of imaging studies from an established teaching archive of previous cases. At the end of the training programme the trainee should be proficient in discussing the appropriate imaging modality and imaging technique with referring clinicians and be able to interpret different neuro examinations on their own.

### **Certification**

After completion of the three months training the trainee receives a certificate (ESONR/ESOR). In order to receive this, the applicant must present a written report about his/her work and activities during the exchange. This report will be proposed to be published in "Neuroradiology".



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### **Application**

To apply for the programme, applicants must submit the following documents:

- Application form, on which one preferred training centre, with the option of a second choice must be indicated. The list of training centres is only available online.
- Current curriculum vitae (CV) including a summary of their training background, areas of particular strength and interest, and a brief description of how they would hope to utilize and apply their medical training.
- Letter of motivation
- If applicable, a certificate, verifying recent board certification in radiology

Further information on the application process is available at [www.myESR.org/esor](http://www.myESR.org/esor).

### **Application deadline**

The application deadline will be announced on the website. Applications received after the application deadline will not be considered. All applications will be evaluated and all applicants will be informed of the outcome of their application in due course. In case your application is not accepted you have to apply again for future Exchange Programmes, there is no waiting list.

### **Further information**

Please visit [www.myESR.org/esor](http://www.myESR.org/esor) for up-to-date information as well as [www.esnr.org](http://www.esnr.org).