

Program

20º

Congresso

SPNR

Diagnóstica
e Terapêutica

Blue and Green Neuroradiology:

An innovative, sustainable and
value-based approach to our practice



Sociedade Portuguesa
de **Neuroradiologia**
Diagnóstica e Terapêutica



S. E. N. R.
Sociedad Española
de Neuroradiología



SBNR SOCIEDADE BRASILEIRA DE
NEURORADIOLOGIA,
DIAGNÓSTICA E TERAPÊUTICA



SOCIEDADE
PORTUGUESA
DE NEURORADIOLOGIA
DE INTERVENÇÃO



SPN
SOCIEDADE
PORTUGUESA
DE NEUROCIÊNCIAS



CPC CONSELHO PORTUGUÊS
PARA O CEREBRO



Região Autónoma
da Madeira
Governo Regional

Secretaria Regional
de Saúde e Proteção Civil



UNIVERSIDADE da MADEIRA



Associação
de Promoção
da Madeira

Blue and Green Neuroradiology

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Caros Colegas e Amigos,

É com especial honra que a Sociedade Portuguesa de Neurorradiologia (SPNR), Diagnóstica e Terapêutica, vos convida a participar na celebração do nosso 20.º Congresso, que terá lugar no Hotel Pestana Casino Park, no Funchal, Madeira, entre os dias 27 e 29 de novembro, exatamente vinte anos depois da realização do nosso primeiro congresso, também no Funchal, a 16 e 17 de março de 2001.

Este evento anual representa um momento ímpar, não só de encontro da comunidade científica e académica, num local repleto de oportunidades, nomeadamente de contacto com a natureza, com a beleza paisagística e a identidade regional únicas da Madeira, destacando-se a Floresta Laurissilva, classificada como Património Mundial pela UNESCO desde 1999, como a evocação de personalidades naturais da Madeira e de relevo internacional como o Cardeal Dom Tolentino de Mendonça ou a premiada artista plástica Lourdes de Castro.

Para além da reflexão sobre o papel da neuroimagem na proteção do planeta, o congresso abordará outras questões de relevo para as quais contará com a participação de prestigiadas personalidades nacionais e internacionais, tendo como objetivo a valorização de referências da Neurorradiologia Portuguesa. Será uma oportunidade para formação e atualização de conhecimentos em diferentes áreas como a neurorradiologia de intervenção vascular, a intervenção minimamente invasiva do ráquis, técnicas avançadas de diagnóstico, patologia tumoral do SNC, proteção radiológica, neuropediatria, neuroimagem e patologia da cabeça e pescoço, e esclerose múltipla e a importância dos biomarcadores séricos e imagiológicos nas doenças neurodegenerativas.

Com o intuito da oportunidade de trabalho em equipa e de proximidade desenvolveram-se workshops pré-congresso (a 27 de novembro a partir das 13 h), nas áreas de intervenção vascular, intervenção minimamente invasiva do ráquis, neuroanatomia radiológica e esclerose múltipla.



Os jovens especialistas e internos estarão uma vez mais representados no *2nd In-training and Early-career Neuroradiologists Symposium*, uma iniciativa que pretende fomentar a participação das novas gerações, com representação nacional abrangente, promovendo o conhecimento interpares, a troca de experiências, o alinhamento de objetivos e a criação de oportunidades.

Contamos com a sua presença no 20.º Congresso da SPNR 2025.
Vamos celebrar a Neurorradiologia Portuguesa!
Até lá!

Ana Mafalda Reis

Presidente do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica
Presidente Comissão Organizadora do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica
Presidente da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica

Luísa Biscoito

Vice-Presidente do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica

Tiago Gil Oliveira

Vice-Presidente do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica

Mavilde Arantes

Presidente Comissão Científica do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica
Secretária-geral da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica

Catarina Pinto

Presidente do *2nd In-training and Early-career Neuroradiologists Symposium*



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Dear Colleagues and Friends,

It is with great honour that the Portuguese Society of Neuroradiology (SPNR), Diagnostic and Therapeutic, invites you to join us in celebrating our 20th Annual Congress, to be held at the Pestana Casino Park Hotel in Funchal, Madeira, from November 27th to 29th — exactly twenty years after our very first congress, also held in Funchal on March 16–17, 2001.

This annual event represents a unique moment, not only for the scientific and academic community to meet, in a place full of opportunities, namely contact with nature, with the scenic beauty and the unique regional identity of Madeira, highlighting the Laurissilva Forest, classified as a World Heritage Site by UNESCO since 1999, as well as the evocation of natural personalities of Madeira and of international relevance such as Cardinal Dom Tolentino de Mendonça or the award-winning plastic artist Lourdes de Castro.

In addition to reflecting on the role of neuroimaging in protecting the planet, the congress will address other important issues for which it will have the participation of prestigious national and international personalities, with the aim of valuing references in Portuguese Neuroradiology. It will be an opportunity for training and updating knowledge in different areas such as vascular interventional neuroradiology, minimally invasive rachis intervention, advanced diagnostic techniques, CNS tumor pathology, radiological protection, neuropaediatrics, neuroimaging and head and neck pathology, and multiple sclerosis and the importance of serum and imaging biomarkers in neurodegenerative diseases.

To provide the opportunity for teamwork and proximity, pre-congress workshops were held (on November 27 from 1 pm), in the areas of vascular intervention, minimally invasive rachis intervention, radiological neuroanatomy and multiple sclerosis.



Young specialists and residents will once again be represented in the *2nd In-training and Early-career Neuroradiologists Symposium*, an initiative designed to encourage the active participation of younger professionals from across the country, promoting peer-to-peer learning, knowledge exchange, shared goals and future opportunities.

We look forward to welcoming you to the 20th SPNR Congress in 2025. Let us celebrate Portuguese Neuroradiology! See you there!

Ana Mafalda Reis

Presidente do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica
Presidente Comissão Organizadora do 20º Congresso Anual da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica
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Secretária-geral da Sociedade Portuguesa de Neurorradiologia Diagnóstica e Terapêutica

Catarina Pinto

Presidente do *2nd In-training and Early-career Neuroradiologists Symposium*



PROGRAM

Thursday, 27th November 2025

13H00-13H30

Reception Pre-Congress Workshops (limited places)

13H30-14H30

Vascular intervention – Working for the best approach – Chronic Subdural Hematoma

Medtronic

Moderation: Dr. Ângelo Carneiro (ULS Braga) /

Dr Francesco Diana (Hospital Vall D'Hebron-Barcelona)

14H30-15H30

Spine minimal invasive procedures – clinical cases and topics – Where the future is

Dra. Inês Prisco (ULS Matosinhos)

Moderation: Dr. José Drago (ULS Algarve) / Dr Rui Armindo (ULS Lisboa Ocidental)

16H00-17H00

Neuroanatomy versus neuroimaging Quizz – from newborn to adult

Prof Dra. Mavilde Arantes (IPO Porto) / Prof. Dra. Luísa Sampaio (ULS S João)

Moderation: Prof. Dr. Goncalo Neto d'Almeida (Lisboa)

17H00-18H00

Multiple Sclerosis Workshop – Short update for beginners and advance level – MS Imaging biomarkers

Dr David Berhanu (ULS S Jose)

Moderation: Dra. Joana Graça (ULS Lisboa Central) / Dra. Inês Caldeira (ULS Évora)

18H00-19H30

Cocktail Reception – Multiple Sclerosis sunset

“Bridging neuroimaging and wellbeing”

Viver com EM: Guia para o Dia a Dia

Enfª Ana Isabel Sílv, Centro de Responsabilidade Integrada de Esclerose Múltipla (CRI EM), ULS São José, Lisboa

Friday, 28th November 2025

08H00-08H15

Reception

08H00-09H00

Oral communications and Posters presentations

09H00-10H20

Brain tumours: from pixel to diagnosis – advance techniques

Moderation: Dr. Duarte Vieira (ULS S João)

Responde assessment in gliomas: updates and challenges

Dra. Teresa Nunes (ULS Almada – Seixal)

Navigating Challenges on glioma imaging

Eng. Catarina Passarinho / Dr. Pedro Vilela (ULS Lisboa Ocidental)

Clinical Applications of Amide Proton Transfer (APT) in Brain Tumours

Dra. Catarina Pinto (ULS St Antonio)

10H20-11H00

Coffee break – Oral Communications and Posters presentations

11H00-12H00

Neuroscience Society Symposium

Moderation: Dr. Pedro Vilela (ULS Lisboa Ocidental)

Imaging Alzheimer's disease pathology: applications and challenges

Prof Mário Tranfa (Amsterdam – UMC)

Neuroimaging in Neurodegenerative diseases

Prof. Dr. Tiago Gil Oliveira (ULS Braga)

12H00-12H30

General Assembly

12H30-13H30

Lunch break

14H00-15H00

Opening Ceremony

“Setting the stage for discovery, innovation and sustainability”

Inaugural Conference

Professor Doutor José Sousa Câmara

(Vice-Reitor para as áreas da Inovação, Internacionalização e Investigação)

“History of Portuguese Neuroradiology – Its relevance in a timeline vision”

Tribute Ceremony Dr. Paulo Mendo – Founder Portuguese Neuroradiology

Dr Rui Manaças (Lisboa)

15H00-16H00

When Genes Speak: Neuroimaging and Molecular Biology in Pediatric Tumours

Moderation: Dra. Graça Sá (ULS St Maria) / Prof. Dra. Luísa Sampaio (ULS S João)

Cancer predisposium syndromes, brain and nerves: something old and something new

Dra Carla Conceição (ULS S José)

New pediatric tumours in the 2021 WHO classification

Prof. Dr. Andrea Rossi (Genova, Itália)

16H00-17H00

2nd In-training and Early-career Neuroradiologists Symposium

Moderation: Dra. Catarina Pinto (ULS St António) / Dr. Rui Armindo (ULS Lisboa Ocidental)

“Do we speak the same language?....”

Clinical Laboratory in the Diagnosis and Monitoring of Multiple Sclerosis:

New Biomarkers

Dra Dulce Martins (ULS St António)

Social memory and its neural correlates in Multiple Sclerosis

Prof. Dr. Torcato Meira (ULS Braga)

Learning from others – multidisciplinary in doing new things?

Dr David Berhanu (ULS S. José)

“Do we speak the same language?...from scan to bedside.”

Prof. Dra. Daniela Jardim Pereira (ULS Coimbra)

17H00-17H30

Coffee break – Oral Communications and Posters Presentation

17H30-18H20

Fluoroscopy under fire: balancing precision and protection

Moderation: Dr. João Pires (ULS Matosinhos) / Dr. Geraldo Jaime

(Hospital Particular da Madeira, Grupo HPA Saúde) / Dra Raquel Carvalho (ULS Braga)

Between magnets and Minds: Practical MRI safety in Neuroradiology

Prof Dr.Vítor Silva (ULS S. João)

Radiation Protection in Fluoroscopic Guided Procedures: do you see the risks?

— Siemens Symposium

Prof Dr. Graciano Paulo (Instituto Politecnico Coimbra)

18H20-19H00

Oral communications and posters presentations

19H00

Closing Remarks

19H30

CONGRESS DINNER

(congress registration needed)

Saturday, 29th November 2025

08H00-08H15

Reception

08H00-09H00

Oral Communications and posters presentation

09H00-10H30

Neuroimaging Horizons in Multiple Sclerosis — Roche Symposium

From evolving evidence to everyday clinical practice

Moderation: Prof^a Doutora Ana Mafalda Reis, president SPNR, neuroradiologist, ULS Matosinhos / Professora Doutora Maria José Sá, president GEEM, neurologist, Hospital de São Francisco do Porto

09H00

Evolving Insights into MRI in MS

What's new in the updated McDonald criteria and how imaging is reshaping disease understanding

Dr. Alex Rovira, MD, neuroradiologist, Head of the Neuroradiology Section in the Radiology Department of the Vall d'Hebron University Hospital, Barcelona, Spain

09H30

The Optic Nerve in Focus

Why neuro-ophthalmology matters in MS imaging

Prof. Doutor João Lemos, neuro-oftalmologista, ULS Coimbra

09H45

Bringing Evidence to the Bedside

Case-based discussion on translating MRI updates into Portuguese clinical practice

Prof^a Doutora Daniela Jardim Pereira, neuroradiologist, ULS Coimbra

Prof. Doutor Pedro Abreu, neurologist, ULS São João, Porto

10H15

Discussion

10H30-11H00

Blue and green neuroradiology

Moderation: Dr. Rui Armindo (ULS Lisboa Central)

Value-based approach to our practice – what's the question?

Dr. Alex Rovira (Barcelona, Espanha)

11H00-11H45

Coffee break – Oral communications and Posters presentations

11H45-12H45

Innovative and Sustainable Health Care Units

Moderation: Prof. Dra. Ana Mafalda Reis (ULS Matosinhos) / Dr. Rui Manaças (Lisboa)
Shaping the Hospital of the Future: Vision, Leadership and Sustainable Innovation
Dr Pedro Ramos (Presidente da Estrutura de Missão do HCUM)

12H45-13H30

Digital Health in Neurosciences

Moderation: Prof. Dra. Mavilde Arantes (IPO Porto) / Dra Cristina Rios (ULS Almada – Seixal)
André Nogueira, PI Integrated Health Solutions Lead, Roche Global

13H30-14H30

Lunch break

14H30-15H30

Head and Neck — mapping complexity accurately

Moderation: Dra. Teresa Nunes (ULS Almada)
3D – CRANI imaging of the extracranial branches of the cranial nerves – Anatomy and pathology
Phase-Contrast CT: The Holy grail in brain imaging
Prof. Dr. Jan Casselman (Canadá)

15H30-16H00

Coffee break

16H00-17H00

Innovation, risk and value in Interventional Neuroradiology

Moderation: Dra. Luísa Biscoito (ULS St Maria) / Dr. Ricardo Pestana (Neurocirurgia Hospital Nélío Mendonça – Sesaram)
Diversores de Fluxo Intraculares — Medtronic Symposium
Dr Carlos Rodriguez (Hospital Alvaro Cunqueiro-Vigo)

17H00-18H00

Awarding Prizes Neuroradiology Portuguese Society
21º SPNR Congress Announcement

Closing Ceremony and reflections

Towards a Shared Cultural, Scientific and Academic Horizon

INFORMATIONS

POSTERS AND ORAL COMMUNICATION

RULES FOR ABSTRACT SUBMISSION:

- Abstracts must be submitted on the abstract submission platform through the following link:
- Deadline for submission: 26.10.2025.
- Abstracts must be submitted in English.
- Original papers may be presented, submitted with the suggestion of presentation as an e-poster or oral communication, and the final decision is up to the Scientific Committee of the Congress.
- It is mandatory that at least one of the authors of each abstract be registered for the Congress.
- The author who submits the abstract will be informed by email about the acceptance/rejection of his/her abstract soon after the conclusion of the evaluation process. This will be done by 28-10-2025

CONTENT:

- The abstract must contain the title, the names of the authors and their affiliations, and the corresponding author's e-mail address.
- The abstract must be structured and contain the titles: Introduction, Methods, Results, Discussion and Conclusion.
- The body of the abstract will have a maximum limit of 300 words.
- Graphs and figures cannot be submitted.

REGISTRATION (WORKSHOPS* AND THEORETICAL)	Till 28 th October	After 28 th October
Residents members SPNR/SENR **	80,00 €	100,00 €
Seniores Members SPNR/ESNR/SENR/ASSR ***	100,00 €	150,00 €
MD non-Members SPNR/SENR/ESNR/ASSR	200,00 €	250,00 €
Radiographers and nurses	80,00 €	100,00 €
Other healthcare professional and industry	250,00 €	300,00 €

Workshops:

1. Vascular intervention – Working for the best approach – Chronic Subdural Hematoma
2. Spine minimal invasive procedures – clinical cases and topics – Where the future is
3. Neuroanatomy versus neuroimaging Quiz – from newborn to adult
4. Multiple Sclerosis short update: beginners and advanced level imaging

* Registration needed for workshops – limited places

**Neuroradiology residents and members of SPNR with poster, registration mandatory but free, after acceptance by the organizing Committee

*** special for this congress

Abstract of e-poster must be send by October 26th (oral presentation of e-poster accepted by the Scientific Committee).

Registration includes:

- Access to scientific sessions
- Access to the Technical Exhibition area
- Totebag and documentation
- Coffee-breaks
- Working lunches on the days of the Congress and dinner on 28-11-2025
- Cocktail reception
- Certificate of attendance
- Certificate of participation practices

Patrocínios

Platina

Medtronic



SIEMENS
Healthineers

Ouro

Canon
CANON MEDICAL



hvc
human health care

FUJIFILM

PHILIPS

Prata



GE HealthCare

Palex Improving technologies
Improving lives

Penumbra



NOVARTIS

WorldMedica 25
BRINGING TOOLS FOR EXCELLENCE

Cobre



Cateter
Produtos Médicos e Hospitalares, Lda.



Guerbet

BAZINGA
Dispositivos Médicos





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