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european society of
head and neck radiology

ESHNR 2022 Online Edition

34th Annual Meeting and Refresher Course

October 6–8, 2022

Final
Programme



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Masterclass online event in H&N radiology

December 08-10, 2022

Topic: Soft Tissue Neck/Upper Aerodigestive Tract

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**Register
now!**



ESHNR 2022 Faculty

Katri Aro, Helsinki/FI
Mark Ballard, Belbroughton/UK
Timothy Beale, London/UK
Minerva Becker, Geneva/CH
Anja Bernaerts, Bonheiden/BE
Sotirios Bisdas, Richmond/UK
Alexandra Borges, Lisbon/PT
Jan Walther Casselman, Bruges/BE
Stephen Connor, London/UK
Christian Czerny, Vienna/AT
Felice D'Arco, London/UK
Bert De Foer, Antwerp/BE
Pim de Graaf, Amsterdam/NL
Maartje De Win, Amsterdam/NL
Adrienn Dobai, Budapest/HU
Nicholas Drage, Cardiff/UK
Heidi Beate Eggesbo, Oslo/NO
Davide Farina, Brescia/IT
Teresa Ferreira, Leiden/NL
Lennart Flygare, Umea/SE
Gahl Greenberg, Petah Tikva/IL
Aaro Haapaniemi, Helsinki/FI
Darka Hadnadjev Simonji, Novi Sad/RS
Indrek Hanso, Notodden/NO
Robert Hermans, Leuven/BE
Jussi Hirvonen, Turku/FI
David Howlett, Brighton/UK
Julius Juurmaa, Tallinn/EE
Ann King, Hong Kong/CN
Eva Klintström, Linköping/SE
Mika Kortnesniemi, Helsinki/FI
Sabrina Kösling, Halle/Saale/DE
Beatrix Kovacsovics, Linköping/SE
Marc Lemmerling, Beervelde/BE
Elizabeth Loney, Shipley/UK
Gitta Madani, London/UK
Anthony Mancuso, Gainesville/US
Magdalena Marinescu Gava, Helsinki/FI
Andrew S. McQueen, Newcastle Upon Tyne/UK
Simon Morley, Chelmsford/UK
Kristofer Nyman, Helsinki/FI
Kaan Orhan, Ankara/TR
Burce Özgen Mocan, Chicago/US
Yeliz Pekçevik, Izmir/TR
Douglas Phillips, New York/US
Bela Purohit, Singapore/SG
Salman Qureshi, Abu Dhabi/AE
Soraya Robinson, Vienna/AT
Paolo Rondi, Brescia/IT
Ingrid Rozylo-Kalinowska, Lublin/PL
Riste Saat, Tallinn/EE
Bernhard Schuknecht, Maur/CH
Ursula Schwarz-Nemec, Vienna/AT
Deborah Shatzkes, New York/US
Marianne Suuronen, Espoo/FI
Bence Szabó, Budapest/HU
Philip Touska, London/UK
Andre Uys, Pretoria/ZA
Leon J. van Rensburg, Cape Town/ZA
Edith Vassallo, Imsida/MT
Aina Venkatasamy, Strasbourg/FR
Berit Verbist, Leiden/NL
Piret Vilborn, Tshwane/ZA



Thursday, October 6

08:30-09:40 **Refresher Course: Spatial anatomy in H&N – How does it guide your differential diagnosis I**

Moderator: *G. Madani, London/UK*

- 08:30 Oral cavity, floor of the mouth and submandibular space
D. Hadnadjev Simonji, Novi Sad/RS
- 08:50 Buccal, parotid and masticator space
S. Kösling, Halle/Saale/DE
- 09:10 Carotid and parapharyngeal space
Y. Pekçevik, Izmir/TR
- 09:30 Live Q&A

09:40-09:45 Break

09:45-10:55 **Refresher Course: Spatial anatomy in H&N – How does it guide your differential diagnosis II**

Moderator: *B. Schuknecht, Maur/CH*

- 09:45 Pharyngeal mucosal, retropharyngeal and danger space
A. Dobai, Budapest/HU
- 10:05 Visceral and pretracheal space
M. Lemmerling, Beervelde/BE
- 10:25 Perivertebral space and posterior cervical space
I. Hanso, Notodden/NO
- 10:45 Live Q&A

10:55-11:10 Break

11:10-11:25 **Opening Session**

Moderators: *B. De Foer, Antwerp/BE;*
R. Saat, Tallinn/EE

11:25-11:30 Break

11:30-13:10 **H&N emergencies**

Moderator: *B. Kovacovics; Linköping/SE*

- 11:30 Traumatic H&N emergencies
E. Loney, Shipley/UK
- 11:55 Non-traumatic H&N emergencies
D. Shatzkes, New York/US
- 12:20 Vascular emergencies in the H&N
D. Phillips, New York/US
- 12:40 Foreign bodies in the H&N
J. Hirvonen, Turku/FI
- 13:00 Live Q&A

13:10-13:40 Break

13:40-14:30 **Short Oral Scientific Presentations 1: VARIA**

Moderator: *B. De Foer, Antwerp/BE*

- 13:40 Guidelines for Magnetic Resonance Imaging in pediatric head and neck pathologies: A multicentre international consensus paper
F. D'Arco, London/UK
- 13:50 MRI in the evaluation of the Eustachian tube cartilage in chronic otitis media
U. Abdullaeva, Tashkent/UZ
- 14:00 MRI features of spontaneous lateral temporal bone cephaloceles
R. Srinivasan, London/UK
- 14:10 Long Term Follow-up of Incidental Thyroid Nodules on Computed Tomography Imaging
E. Lyuman, Glasgow/UK
- 14:20 Radiomics feature analysis for early HPV status determination in oropharyngeal cancer: An interim analysis
G. Carnicelli, Rozzano/IT

14:30-14:45 Break

14:45-15:55 **Temporal bone**

Moderator: *B. Verbist, Leiden/NL*

- 14:45 Imaging in Meniere's disease – State of the art
A. Bernaerts, Bonheiden/BE
- 15:05 Imaging vestibular schwannoma – Current state and future perspectives
A. Venkatasamy, Strasbourg/FR
- 15:25 Non-vestibular-schwannoma tumours of the temporal bone and CPA/IAM
S. Qureshi, Abu Dhabi/AE
- 15:45 Live Q&A

15:55-16:10 Break

16:10-18:00 **Thyroid, parathyroid and NET**

Moderator: *T. Beale, London/UK*

- 16:10 A practical imaging approach to primary hyperparathyroidism
G. Madani, London/UK
- 16:30 Cross-sectional imaging of the parathyroid adenoma
S. Morley, Chelmsford/UK
- 16:50 Contemporary imaging of H&N neuroendocrine tumours
D. Shatzkes, New York/US
- 17:10 CAD of thyroid nodules on ultrasound
A. McQueen, Newcastle Upon Tyne/UK
- 17:30 Follow up imaging of thyroid cancer
M. Ballard, Belbroughton/UK
- 17:50 Live Q&A

Friday, October 7

08:30-09:40 **Refresher Course: Larynx and hypopharynx** *Moderator: E. Loney, Shipley/UK*

- 08:30 Imaging anatomy of the larynx and hypopharynx
P. Rondi, Brescia/IT
- 08:50 SCC and other tumours of the larynx and hypopharynx
M. Becker, Geneva/CH
- 09:10 Laryngeal palsy – A practical imaging approach
R. Saat, Tallinn/EE
- 09:30 Q&A

09:40-09:45 Break

09:45-10:55 **Orbit** *Moderator: P. de Graaf, Amsterdam/NL*

- 09:45 Optimize your imaging strategy and protocols for the best outcome
T. Ferreira, Leiden/NL
- 10:05 Current differential diagnostic challenges in the orbit and how to overcome them
B. Özgen Mocan, Chicago/US
- 10:25 Ultrasound-guided biopsy of orbital lesions
P. Touska, London/UK
- 10:45 Live Q&A

10:55-11:10 Break

11:10-12:20 **Sinonasal and nasopharyngeal tumours** *Moderator: H. Eggesbo, Oslo/NO*

- 11:10 The new WHO classification of sinonasal tumours
S. Bisdas, Richmond/UK
- 11:30 Nasopharyngeal carcinoma: State of the art and future developments
A. King, Hong Kong/CN
- 11:50 Juvenile angiofibroma – A clinicians perspective
A. Haapaniemi, Helsinki/FI
- 12:10 Live Q&A

12:20-12:25 Break

12:25-13:25 **Short Oral Scientific Presentations 2: H&N Cancer Imaging** *Moderator: D. Farina, Brescia/IT*

- 12:25 Radiologic pathologic correlation of depth of invasion (DOI) assessed on Computed Tomography in oral cancer
Z. Hussain, Karachi/PK
- 12:35 High-frequency intraoral ultrasound for the preoperative assessment of the depth of invasion (DOI) for early tongue squamous cell carcinoma
S. Caprioli, Genoa/IT
- 12:45 Predicting Response to Neoadjuvant Immunotherapy in Patients with Locally Advanced Head and Neck Carcinoma using Diffusion-Weighted Imaging Radiomics
H.J. van der Hulst, Amsterdam/NL
- 12:55 Volume changes on MR Imaging of retinoblastoma after intra-arterial chemotherapy treatment
C. de Bloeme, Amsterdam/NL
- 13:05 MR Imaging Characteristics of Uveal Melanoma with Histopathological Validation
T. Ferreira, Leiden/NL
- 13:15 MR Imaging Phenotype of MYCN-amplified RB1 wild-type Retinoblastoma
R. Jansen, Amsterdam/NL

13:25-13:55 Break

13:55-15:05 **Meningeal disease (ESHNR-ESNR collaborative session)** *Moderator: S. Bisdas, Richmond/UK*

- 13:55 Meningioma in the skull base and beyond
B. Verbist, Leiden/NL
- 14:15 Meningoencephaloceles: CSF leak and other complications
J. Casselman, Bruges/BE
- 14:35 Infectious, inflammatory, (para)neoplastic meningeal diseases and their mimics
B. Schuknecht, Maur/CH
- 14:55 Live Q&A

15:05-15:10 Break



15:10-16:20 **Junior Forum: Education and publishing in HN radiology**

*Moderators: M. Becker, Geneva/CH;
J. Juurmaa, Tallinn/EE*

- 15:10 Modern education in H&N radiology
A. Mancuso, Gainesville/US
- 15:30 Mentoring for the H&N radiologist: Early experiences of the ESHNR programme
S. Connor, London/UK
- 15:50 How to write a great paper and do a good AJNR review
D. Phillips, New York/US
- 16:10 Live Q&A

16:20-16:35 Break

16:35-17:45 **Paediatric H&N tumours**

Moderator: A. Borges, Lisbon/PT

- 16:35 Congenital tumours of the H&N
F. D'Arco, London/UK
- 16:55 Orbital tumours in children
P. de Graaf, Amsterdam/NL
- 17:15 Paediatric H&N malignancies
M. De Win, Amsterdam/NL
- 17:35 Live Q&A

Saturday, October 8

08:30-09:40 **Refresher Course: Dental imaging**

Moderator: P. Vilborn, Tshwane/ZA

- 08:30 Normal radiographic anatomy of the teeth and jaws
N. Drage, Cardiff/UK
- 08:50 Panoramic radiographs – Technical aspects, interpretation, artifacts
I. Rozylo-Kalinowska, Lublin/PL
- 09:10 Odontogenic infections
M. Suuronen, Espoo/FI
- 09:30 Live Q&A

09:40-09:45 Break

09:45-11:15 **Refresher Course: Cone beam computed tomography**

Moderator: I. Rozylo-Kalinowska, Lublin/PL

- 09:45 CBCT: Technique, dose and artifacts
M. Kortensniemi, Helsinki/FI
- 10:05 CBCT: Basic principles and imaging guidelines
P. Vilborn, Tshwane/ZA
- 10:25 CBCT: Clinical aspects and applications in dento-maxillo-facial imaging
B. Szabó, Budapest/HU
- 10:45 CBCT and 3D modelling
K. Orhan, Ankara/TR
- 11:05 Live Q&A

11:15-11:30 Break

11:30-12:40 **Oral and maxillofacial tumours**

Moderator: M. Marinescu Gava, Helsinki/FI

- 11:30 Tumours of the jaw – How to tell the bad from the good and manage uncertainties?
A. Uys, Pretoria/ZA
- 11:50 Pre-treatment imaging of oral cancer – The beneficial cooperation between the H&N and oral radiologists
E. Klintström, B. Kovacovics; Linköping/SE
- 12:10 Post-treatment changes and complications of oromaxillofacial tumours
L. van Rensburg, Cape Town/ZA
- 12:30 Live Q&A

12:40-12:45 Break

12:45-13:45 **Short Oral Scientific Presentations 3: Dentomaxillofacial imaging and H&N infections**

Moderator: K. Orhan, Ankara/TR

- 12:45 AI-Based Automatic Segmentation of Craniomaxillofacial Anatomy from CBCT Scans for Automatic Detection of Pharyngeal Airway Evaluations in OSA patients
K. Orhan, Ankara/TR
- 12:55 Evaluation of dental pathologies and their complications encountered during the routine head and neck CT examination
N. Slavkova, Sofia/BG
- 13:05 Is gadolinium needed for MRI diagnosis of tonsillar infections?
J. Hirvonen, Tampere/FI
- 13:15 MRI of odontogenic neck infections: Diagnostic accuracy and reliability
J. Heikkinen, Turku/FI
- 13:25 Diagnostic accuracy of CT in neck infections: A systematic review and meta-analysis of positive predictive value
J. Hirvonen, Tampere/FI
- 13:35 Endodontic working length measurements of premolars and molars in high resolution dental MRI: A clinical pilot study for assessment of reliability and accuracy
T. Hilgenfeld, Heidelberg/DE

13:45-14:15 Break

14:15-15:45 **Refresher Course: Salivary glands**

Moderator: L. Flygare, Umea/SE

- 14:15 Salivary gland disease – The clinician's perspective
K. Aro, Helsinki/FI
- 14:35 Imaging of non-neoplastic salivary gland diseases
K. Nyman, Helsinki/FI
- 14:55 Imaging of salivary gland tumours
B. Purohit, Singapore/SG
- 15:15 Salivary gland biopsy – FNA versus core biopsy
D. Howlett, Brighton/UK
- 15:35 Live Q&A

15:45-16:00 Break

16:00-17:25 **Temporomandibular joint & Closing**

Moderator: S. Robinson, Vienna/AT

- 16:00 Normal and variant anatomy, function and disc displacements
U. Schwarz-Nemec, Vienna/AT
- 16:20 Pediatric TMJ
G. Greenberg, Petah Tikva/IL
- 16:40 Non-discogenic pathologies in adult TMJ
L. Flygare, Umea/SE
- 17:00 Live Q&A
- 17:10 Closing
B. De Foer, Antwerp/BE; R. Saat, Tallinn/EE; E. Vassallo, Imsida/MT



Accreditation

UEMS CME Accreditation – LIVE EVENT

Persons who attend the live event (October 06-08) and who successfully evaluate the congress will be able to download the UEMS CME certificate from the ESHNR MyUserArea account end of October 2022.

UEMS CME evaluation deadline – LIVE EVENT:
Sunday, October 16, 2022

The ESHNR 2022 Annual Meeting & Refresher Course, Online, Austria, 06/10/2022-08/10/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **23 European CME credits** (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

UEMS CME Accreditation – ON-DEMAND LECTURES

Persons who watch the lectures on-demand and who successfully evaluate the congress will be able to download the UEMS CME certificate from the ESHNR MyUserArea account end of January 2023.

UEMS CME evaluation deadline – ON-DEMAND:
Sunday, January 08, 2023

The on-demand lectures have been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **23 European CME credits**

(ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Please find below the breakdown of ECMEC®s per day:
06.10.2022 - 8.00 // 07.10.2022 - 8.00 // 08.10.2022 - 8.00

Confirmation of attendance – LIVE EVENT

Each participant who attends the live event (October 06-08) will be able to download the confirmation of attendance document from the ESHNR MyUserArea end of October 2022.

IMPORTANT: Due to UEMS regulations, attendees can only claim CME credits for the sessions that have actually been attended during the event. You will need to evaluate each session that you attended and would like to receive credits for on the event evaluation form. As part of this process participants' attendance will be monitored throughout the event.

Potential Conflict of Interest Disclosures

It is the policy of ESHNR (European Society of Head & Neck Radiology) to ensure balance, independence, objectivity, and scientific rigour in the congress programme. Knowledge of possible relationships with sponsors of any kind is mandatory in order to reinforce the educational and scientific message and to relieve any suspicion of bias.

Any potential conflict of interest involving the organising committee should be made known so that the audience may

form their own judgements about the presentation with a full disclosure of the facts. It is for the audience to determine whether the presenter's external interest may reflect a possible bias in either the work carried out or the conclusions presented.

The ESHNR 2022 Annual Meeting & Refresher Course Organiser, Dr. Riste Saat, did not disclose any relationships.

ESHNR 2023



35th Annual Meeting and Refresher Course

October 5–7, 2023

St. Julian's, Malta



General Information

Organising Secretariat

Education Congress Research GmbH/ESHNR
Am Gestade 1
1010 Vienna, Austria
Phone: +43 1 5334064-918
Email: office@eshnr.eu

Course Language

The course will be held in English. No simultaneous translation will be offered.

Registration fee for delegates includes

- admittance to all online lectures
- admittance to the industry symposia (online)
- admittance to the industry exhibition (online)
- online PDF programme
- on-demand access for minimum 3 months following the live meeting
- certificate of attendance

Recording

Photo-, video- or audio-recording of any sessions or presentations is not allowed without the speaker's/organiser's prior written permission.

Login/Access Information for registrants

Google Chrome Browser

Make sure you are using the most recent version of the Google Chrome Browser, other browsers are not supported by the Morressier platform. In addition, make sure to have a stable internet connection and to not be blocked behind any kind of firewall etc.

Recommended Bandwidth

The website www.speedtest.net offers you to check your bandwidth. We strongly recommend

- Upload min. 6Mbit required bandwidth
(relevant for speakers, moderators sharing their camera and audio signal)
- Download min. 6Mbit required bandwidth

Also, we recommend a cable internet or a wireless connection with full signal.

Please note: Shared bandwidth (e.g. hospital, universities) will result in lower bandwidth for each user.

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Please note: Your login data are personalised and case sensitive. We recommend that you copy and paste the details into the respective fields. Do not share this information with others as simultaneous watching on multiple devices is not possible and will result in viewing errors. In case you are automatically logged in due to a previous session, please log-out first and ensure to not enter with any saved or previously used login data.

Q&A – ask questions and engage in discussions

During the conference, you will be able to ask questions via the chat embedded below the stream. This system is being used for interaction. Just type and submit your question in order get the same answered by the speakers during the Q&A part of each session. All participants have the chance to submit questions – the most interesting ones will be discussed in the live conference.

EPOS™

You can browse through the electronic posters submitted [here](#).

ESHNR 2022 Awards

Best scientific poster
750,00 EUR¹

Best educational poster
300,00 EUR²

Second best educational poster
free registration to the next ESHNR meeting

Best oral presentation
750,00 EUR³

Second best oral presentation
free registration to the next ESHNR meeting

¹The best scientific poster award is kindly supported by



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