

Dr Nathan Jenko

BM BCh MA(Oxon) FRCR

Employment

2024-current	Consultant Musculoskeletal Radiologist (fixed-term/locum) – Royal Orthopaedic Hospital NHS Foundation Trust
2022-2023	Higher Specialty Training in Musculoskeletal Radiology – West Midlands Training Scheme
2018-2022	Specialty Training in Radiology – Yorkshire & Humber, South (Sheffield) Training Scheme
2016-2018	Academic Foundation Programme – Hull University Hospitals

Education

2022	Fellowship of the Royal College of Radiologists (FRCR)
2016-2018	University of York – PGCert in Health Research and Statistics
2010-2016	University of Oxford – Bachelor of Medicine and Surgery (BM BCh)
2013	University of Oxford – MA in Medical Sciences, 2.i

Publications

2024	(in press) Saad A, Jenko N , Ariyaratne S, Birch N, Iyengar KP, Davies AM, et al. Exploring the potential of ChatGPT in the peer review process: An observational study. <i>Diabetes & Metabolic Syndrome: Clinical Research & Reviews</i> . 2024 Feb 3;102946.
2024	Jenko N , Ariyaratne S, Jeys L, Evans S, Iyengar KP, Botchu R. An evaluation of AI generated literature reviews in musculoskeletal radiology. <i>Surgeon</i> . 2024 Jan 12;S1479-666X(24)00008-8. https://doi.org/10.1016/j.surge.2023.12.005
2023	Ariyaratne S, Jenko N , Mark Davies A, Iyengar KP, Botchu R. Could ChatGPT Pass the UK Radiology Fellowship Examinations? <i>Acad Radiol</i> . 2023 Dec 29;S1076-6332(23)00661-X. https://doi.org/10.1016/j.acra.2023.11.026
2023	Saad A, Jenko N , Petrou E, Ariyaratne S, Mehta JS, Djearaman MG, et al. Assessing bone density on MRI: comparison between routine MRI sequences and DEXA scans. <i>Eur Spine J</i> . 2023 Dec 6; https://doi.org/10.1007/s00586-023-08021-8

- 2023 Hussein M, **Jenko N**, Mittal AK, Raniga S, Iyengar KP, Djearaman M, et al. Validation of the supinator fat pad sign in radial head and neck fractures. *Emerg Radiol*. 2023 Oct 1;30(5):613–9.
<https://doi.org/10.1007/s10140-023-02163-4>
- 2023 Ariyaratne S, **Jenko N**, Iyengar KP, James S, Mehta J, Botchu R. Primary Benign Neoplasms of the Spine. *Diagnostics*. 2023;13(12):2006.
<https://doi.org/10.3390/diagnostics13122006>
- 2023 Ariyaratne S, **Jenko N**, Iyengar KP, James S, Mehta J, Botchu R. Primary Osseous Malignancies of the Spine. *Diagnostics*. 2023 Jan;13(10):1801.
<https://doi.org/10.3390/diagnostics13101801>
- 2023 Passby L, **Jenko N**, Wernham A. Performance of ChatGPT on dermatology Specialty Certificate Examination multiple choice questions. *Clinical and Experimental Dermatology*. 2023 Jun 2;llad197.
<https://doi.org/10.1093/ced/llad197>
- 2022 **Jenko N**, Connolly DJA, Raghavan A, Fernandes JA, Ushewokunze S, Elphick HE, et al. The (extended) achondroplasia foramen magnum score has good observer reliability. *Pediatr Radiol*. 2022 Jul 1;52(8):1512–20.
<https://doi.org/10.1007/s00247-022-05348-0>

Selected Conference Presentations

- 2023 “High vertebral body to CSF T1 signal ratio predicts the presence of osteoporosis”
First and presenting author, international poster presentation
European Society of Skeletal Radiology 2023; BSSR Travel Bursary
- 2023 “The fast spoiled gradient echo (FSGPR) sequence has excellent resolution for bone involvement in glenoid injury”
First and presenting author, international poster presentation
European Congress of Radiology 2023; Invest in the Youth bursary
- 2022 “Imaging of the sterno-clavicular joints: a test of limited clinical value?”
George and Vera Ansell Highly Commended Poster Prize
First and presenting author, national poster presentation
Royal College of Radiologist Annual Conference 2022
<https://doi.org/10.1016/j.crad.2022.09.017>
- 2020 “The Role of Pre-Operative MRI and Polysomnography in Children with Achondroplasia”
First and presenting author, international oral presentation
European Congress of Radiology 2020
- 2017 “Diagnostic accuracy of 18F-FDG PET-CT in germ cell tumours: a 10-year experience of a supra-regional cancer network”
First and presenting author, national poster presentation, RCR Annual Scientific Meeting 2017
<https://doi.org/10.1016/j.crad.2017.06.083>

Leadership

- 2021-2022 RCR Junior Radiologists Forum Executive (JRFX) Vice Chair and representative to the Faculty Board
The JRFX represents and co-ordinates with regional representatives to advocate for radiology trainee interests. Working together with the chair, organized a national survey to highlight good practice
- 2021-2022 RCR Professional Learning and Development Committee member
Helped to design and organize the 2021 registrar webinars and the 2022 RCR conference trainee stream
- 2022-2023 Slovenians Educated Abroad Society – UK committee member
The committee organizes social events for Slovenians in the UK and provides advice and support to Slovenians looking to study in the UK
- 2016-2018 Trust representative for Hull and East Yorkshire Hospitals to the Foundation School
- 2014 Trinity College Medical Society President

Prizes

- 2022 George and Vera Ansell Highly Commended Poster Prize
- 2019 Skeletal Dysplasia Group Founders' Prize for the oral presentation "The Role of Pre-Operative MRI and Polysomnography in Children with Achondroplasia" at the SDG Autumn Meeting
- 2016 British Society of Interventional Radiology Annual Meeting Essay Scholarship