

## ESR Subspecialties and Allied Sciences Committee (SASC) Chair Curriculum Vitae

Personal Information	
<b>Name</b>	Jacob Visser
<b>Title</b>	MD PhD MSc
<b>Current Affiliation</b>	Erasmus MC, Rotterdam, The Netherlands
<b>Primary field of expertise</b>	Musculoskeletal, health care informatics
<b>Country of Residence</b>	NL
<b>Languages</b>	NL, EN

Please kindly note a requested maximum of 1500 words for the Curriculum Vitae overall.

Motivation & Experience
<p><i>I am honored to apply for the position of SASC Chair, bringing with me extensive experience in both scientific committee work and leadership roles in the radiology field. I have previously served as a member of the eHealth and Informatics Subcommittee of the ESR, where I gained valuable insights into the intersection of technology and healthcare. Currently, I hold the position of Chairman of the Value-Based Radiology Subcommittee, a role that has sharpened my focus on advancing value-driven healthcare practices through radiology.</i></p> <p><i>As the secretary of the EUSOMII board, I further expanded my expertise in international collaboration, fostering connections between specialists and stakeholders across diverse healthcare sectors.</i></p> <p><i>In my role as Chief Medical Information Officer (CMIO) at Erasmus MC, I regularly work on bridging the gap between clinicians, IT professionals, and administrative stakeholders, ensuring seamless integration of technology with clinical workflows.</i></p> <p><i>I am deeply motivated to contribute to SASC's mission, leveraging my expertise to connect multidisciplinary professionals and foster the development of innovative, evidence-based strategies that advance the field of radiology. My goal is to promote collaboration, drive impactful initiatives, and help shape the future of radiology in a way that integrates technology and patient-centered care.</i></p>

Major Leadership Positions at institutional/national/international level
<ul style="list-style-type: none"> <li>• Chairman ESR Value-based radiology subcommittee</li> <li>• Board member EuSoMII</li> <li>• Member ESR eHealth &amp; Informatics subcommittee</li> <li>• Board member Dutch Society of Radiology technology section</li> <li>• CMIO Erasmus MC</li> <li>• Chairman EuSoMII Scientific Committee</li> <li>• Member ESR Value-based radiology subcommittee</li> <li>• Member EuSoMII Scientific Committee</li> <li>• Member ACR / RSNA steering group Common Data Elements</li> <li>• Principal investigator Value-based radiology</li> <li>• Member Dutch Society of Radiology Quality committee</li> </ul>

Involvement in the ESR & ECR so far
<ul style="list-style-type: none"> <li>• Chairman ESR Value-based radiology subcommittee</li> <li>• Board member EuSoMII</li> </ul>

- Member ESR eHealth & Informatics subcommittee
- Chairman EuSoMII Scientific Committee
- Member ESR Value-based radiology subcommittee
- Member EuSoMII Scientific Committee

#### Current & Previous Professional Position(s)

- CMIO Erasmus MC
- Head IT & Value-based radiology at Erasmus MC, dept. Radiology & Nuclear Medicine
- Principal investigator Value-based radiology, Erasmus MC
- Musculoskeletal radiologist, Erasmus MC

#### Memberships in Professional Societies

- ESR
- RSNA
- EuSoMII
- Dutch Society of Radiology

#### Research & Funding

- Pulmonary Incidental Nodules: Improve Detection and Follow-up by integrating Artificial Intelligence (PINPOINT) – AstraZeneca
- An artificial intelligence (AI)-based model for detection of incidental pulmonary embolism in chest CTs – Topconsortia voor Kennis en Innovatie
- Validation and impact assessment of an AI algorithm that normalizes DICOM data – Enlitic
- Retrospective validation of AI algorithms for fracture detection and pulmonary nodules – Qure
- Enabling Value impact assessment for Artificial Intelligence Tools in radiology (eVAIT) – Dutch Society for Radiology
- Clinical study protocol for the standalone performance evaluation of multiple algorithms for the assessment of volumetric changes over time of lung cancer on chest CT – Kansen voor West
- Automatic grading and phenotyping of soft-tissue tumors through machine learning to guide personalized cancer treatment – Hanarth Foundation

#### Awards & Recognition

- Radiology Research Grant from the Dutch Society for Radiology

#### Bibliographical Analysis

- peer-reviewed international articles: for ISI 91, Google Scholar 68
- citations: ISI 1577, Google Scholar 3372
- h-indexes: ISI 16 & Google Scholar 20

#### Other Comments

- In addition to my leadership roles, I currently supervise 15 PhD students and 3 postdoctoral researchers, fostering the next generation of radiology professionals. My commitment to education extends to actively guiding these researchers through their academic journeys, ensuring they have the support and resources needed for success.
- I also initiated and organized a national conference focused on AI in radiology, bringing together leading experts, clinicians, and researchers to explore the latest advancements in this transformative field. This event helped foster collaboration and

knowledge exchange, and I am proud of the impact it had on advancing the dialogue around AI's role in radiology.

- These experiences underscore my dedication to not only advancing the field of radiology but also ensuring its future through mentorship, education and connection.