



SATELLITE LUNCH SYMPOSIUM

You are invited!

ECR 2024

Vienna, Austria

Thursday, February 29th

12.30 – 13.30

Room E1

CT Contrast Injection Protocol Optimization in an Evolving Environment

Moderator: Mathias Prokop

Faculty

Mathias Prokop

Department of Medical Imaging, Radboudumc, Nijmegen and
Department of Radiology, UMCG, Groningen, The Netherlands

Damiano Caruso

Department of Medical Surgical Sciences and Translational
Medicine, Sapienza - University of Rome, Radiology Unit -
Sant'Andrea University Hospital, Rome, Italy

Joshua Gawlitza

Institute of Diagnostic and Interventional Radiology,
University Hospital rechts der Isar, Technical University Munich,
Munich, Germany

Heleen Dekker

Department of Medical Imaging, Radboudumc, Nijmegen,
The Netherlands

Patient-centric imaging: reducing contrast and radiation exposure

Damiano Caruso

How and where does CT scanner innovation impact contrast injection?

Joshua Gawlitza

Protocol optimization in an era of focused sustainability

Heleen Dekker

General description

CT technology continues to evolve rapidly. In just a few years conventional multi-slice technology has been complemented first by dual energy systems and more recently by sophisticated photon-counting CT. Although the need of iodinated contrast media (CM) is unchanged for most CT examinations, innovation in scanner technology necessarily requires continuous adaptation of contrast administration protocols. Moreover, there is increasing emphasis on sustainability and the potential impact of CM in the environment. This symposium focuses on the optimization of contrast injection protocols in light of ever-evolving innovation in CT scanner technology. The importance of protocol optimization to reduce patient exposure to CM and radiation dose is discussed, as are approaches to improving long-term sustainability.

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