BRACCO LUNCH SYMPOSIUM

You are invited:

ESCR-ESTI 2023
Joint Meeting, Berlin
Friday, October 27th
Room 3 (ESTI)
11:55-12:55

Evolving CT techniques for cardiothoracic imaging and diagnosis

Moderator: Prof. Luigi Natale, Rome, Italy

General description

Computed Tomography Is a rapidly evolving diagnostic imaging modality. Recent developments include stress CTA perfusion imaging combined with late iodine enhancement at dual-energy CT for detailed examinations of the heart with improved anatomical and quantitative functional information, and the advent of photon counting CT which enables higher contrast-to-noise ratio, improved spatial resolution, and optimized spectral imaging with markedly reduced radiation exposure. This symposium will address the impact of these state-of-the-art technologies for improved cardiothoracic imaging and diagnosis.

Learning objectives:

- To appreciate the role of stress CTA perfusion imaging and late iodine enhancement at dual-energy CT for improved anatomical and functional imaging of the heart.
- To discover the benefits of photon-counting CT for the diagnosis and management of chronic thromboembolic pulmonary hypertension (CTEPH).

Stress CTA perfusion imaging and late iodine enhancement: a new way to examine the heart with dual-energy CT

Prof. François Pontana
Lille, France

Diagnosis and management of chronic thromboembolic pulmonary hypertension (CTEPH): Does photon-counting CT bring additional value?

Prof. Dr. Thomas Frauenfelder
Zurich, Switzerland

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