

Finalist: Triple Rule Out

Chungang University Hospital

South Korea

Dr. Jae Suung Seo, Dr. Sung Bin Park & Team

“PCTA (prospective coronary CTA) showed significantly improved subjective and objective image quality parameters for coronary vessels with IMR compared to FBP and iDose⁴. PCTA using 80KVp and IMR could be applicable in routine clinical setting with less radiation dose.”

Parameters:

Contrast: 60 mL

Scanner: iCT

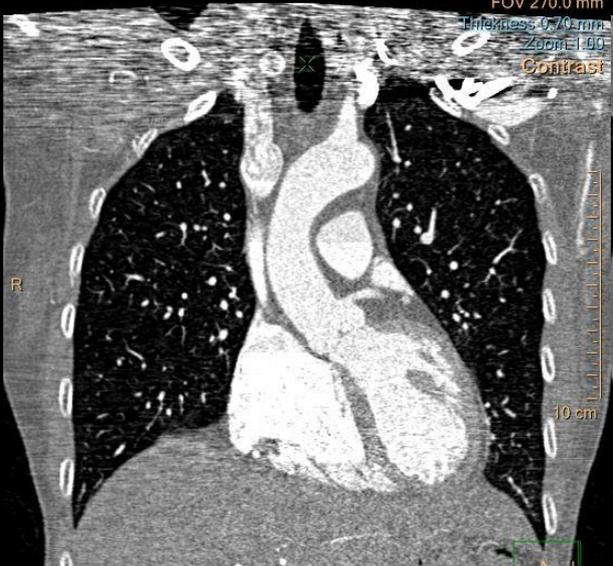
kVp: 80

Dose: 0.48 mSv



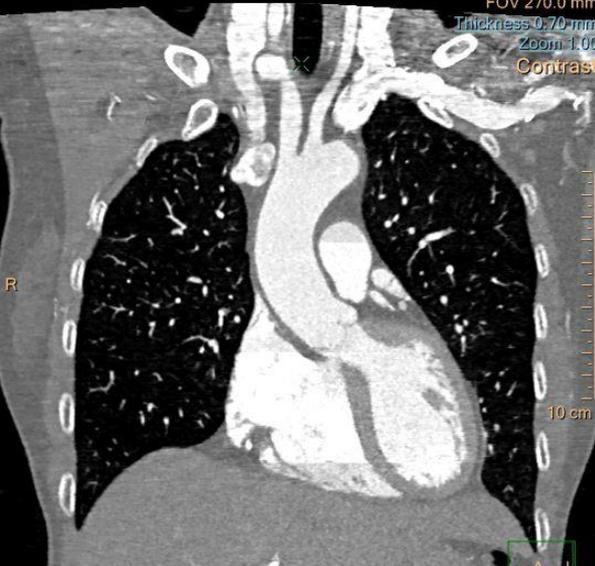
Standard-FBP_0.90x-0.45_270_78%
Series 65616

Philips, iCT 256
80 kV
FOV 270.0 mm
Thickness 0.70 mm
Zoom 1.00
Contrast



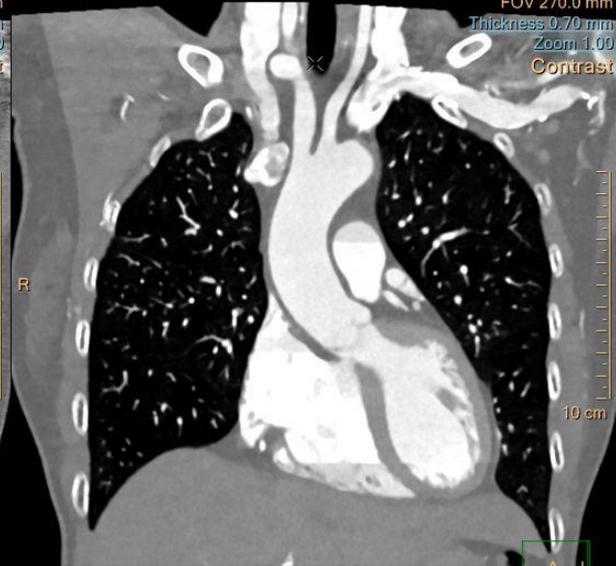
Idose-Level7_0.90x-0.45_270_78%
Series 65615

Philips, iCT 256
80 kV
FOV 270.0 mm
Thickness 0.70 mm
Zoom 1.00
Contrast



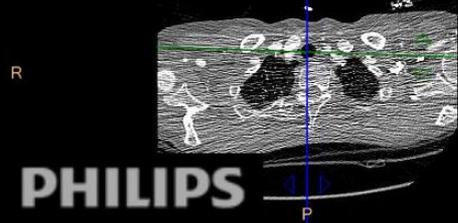
IMR_L1_Cardiac_Routine-R10_0.90x-0
Series 65614

Philips, iCT 256
80 kV
FOV 270.0 mm
Thickness 0.70 mm
Zoom 1.00
Contrast



Standard-FBP_0.90x-0.45_270_78%

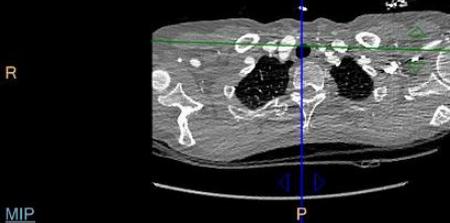
Thickness 0.90 mm
Contrast



PHILIPS

Idose-Level7_0.90x-0.45_270_78%

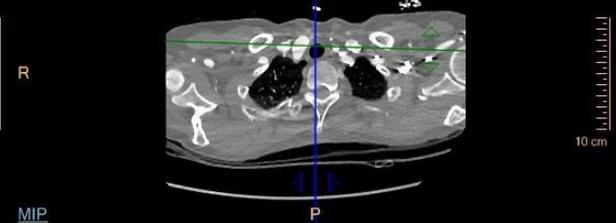
Thickness 0.90 mm
Contrast



MIP

IMR_L1_Cardiac_Routine-R10_0.90x-0

Thickness 0.90 mm
Contrast



MIP

PHILIPS