

CT Pancreas Guideline

Indications: Evaluate known or suspected mass in the pancreas, pancreatitis

Oral Contrast: None; Have patient drink 500mls water 20-30 minutes prior to exam. Then drink 250mls of water immediately prior to study.

IV Contrast: Yes (See MRG Contrast Media Administration Policy);

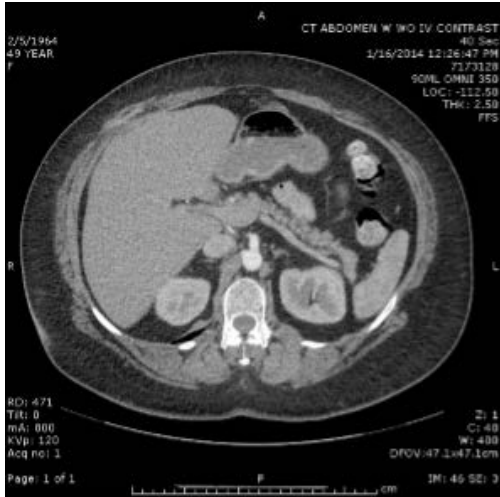
Scans: (1) Pre-Contrast (2) Late arterial/pancreatic phase (3) Hepatic phase

<u>Injection rate</u>	<u>Late arterial/pancreatic phase</u>	<u>Hepatic phase</u>
3 mL/sec	50 sec	70 sec
4 mL/sec	45 sec	65 sec
5 mL/sec	40 sec	60 sec

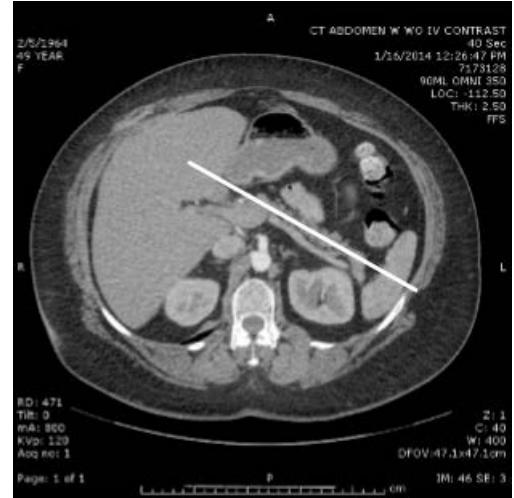
Series	(1) Pre-contrast	(2) Late arterial/ pancreatic phase (see above for timing)	(3) Hepatic phase (see above for timing)
Positioning	Supine- feet first	Supine- feet first	Supine- feet first
FOV	Patient size	Patient size	Patient size
Axial Reconstruction: Thickness/ Interval/ Algorithm	2-3mm/ 2-3mm/ Soft	2-3mm/ 2-3mm/ Soft	(1) 2-3 mm/2-3mm/ Soft (2) 2-3 mm/2-3mm/ Sharp
Start Location	Above highest dome of the diaphragm	Above highest dome of the diaphragm	Above highest dome of the diaphragm
End Location	Abd: to iliac crest	Abd: to iliac crest	Abd: to iliac crest Abd/Pel: through inferior-most bony pelvis
Gantry Angle	None	None	None
Reformations: Thickness/ Interval/ Algorithm	None	Oblique Coronal 1mm/1mm/Soft (see below)	(1) Coronal 3mm/3mm/Soft (2) Sagittal 3mm/3mm/Soft
Phase of Respiration	Inspiration	Inspiration	Inspiration

Oblique Coronal Reformations

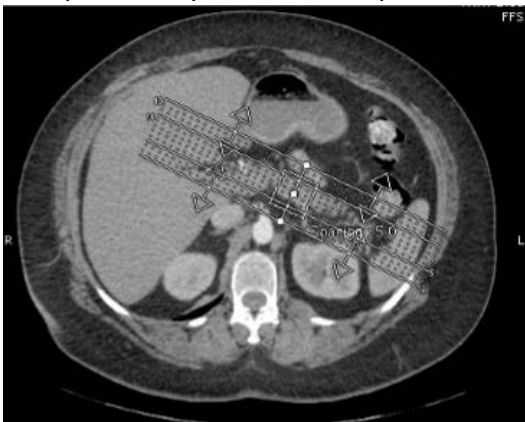
- 1.) Use the axial pancreatic phase series to find the single slice which demonstrates the pancreatic body.



- 2.) Draw a line between the pancreatic tail and the pancreatic head.

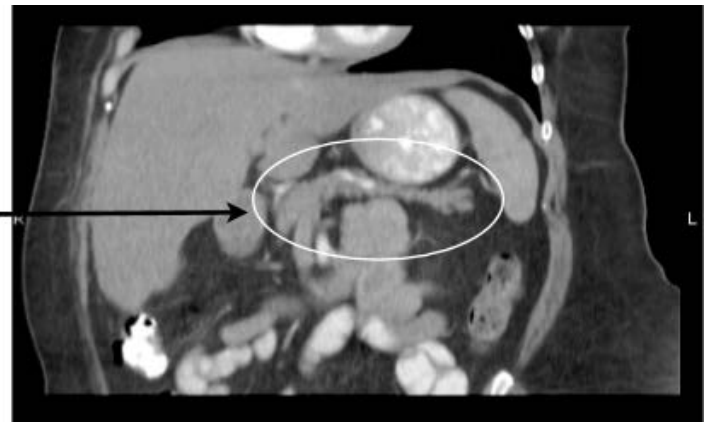


- 3.) Reformat through the entire pancreas. Slice thickness 1 mm. Ensure you cover the posterior portion of the pancreatic head.



- 4.) Label the series "Oblique Coronal Pancreas". The coronal oblique should appear like this:

Pancreatic body in profile



The pancreatic body is well visualized on the examination. Some other examples of reformat angles are shown below:

