



CT PANCREAS MASS/CANCER STAGING HEPATOBIILIARY SPECIALIZED wo and with

GE Revolution

Approval: E. Alvarez, MD

rev:1

12/2025

| | | | | | | | | |
|------------------------------|---------------|---|-----------------------|--------------------|-----------------------|-------------------------------------|-------------|-----------------------|
| INDICATION | | Hepatobiliary specialized pancreatic mass/cancer staging exam | | | | | | |
| POSITION / LANDMARK | | Supine / Xiphoid | | | | | | |
| START/END LOCATIONS | | Above diaphragm through liver | | | | | | |
| CONTRAST PARAMETERS | | 100cc Isovue 300, 3cc per second | | | | | | |
| RESPIRATORY PHASE | | Inspiration | | | | | | |
| SCAN DELAY | | 40-50 sec, 65-70 sec | | | | | | |
| SCAN TYPE | | Helical | | | | | | |
| Series | KV | mA | Rot Time (sec) | Pitch | Speed (mm/rot) | Noise Index | ASiR | Dose Reduction |
| wo | 120 | 100-440 | 0.8 | 0.984:1 | 39.37 | 23.09 | | |
| with | 120 | 100-440 | 0.8 | 0.984:1 | 39.37 | 23.09 | | |
| TECHNIQUE | | Using automated exposure control and adjustment of the mA and/or kV according to patient size, radiation dose to be kept as low as reasonably achievable to obtain optimal diagnostic quality images. | | | | | | |
| Scans | | | | | | | | |
| Series # | Series | Body Part | DFOV | Thick/Space | Algorithm | Notes | | |
| 1 | Loc | | | | | AP/Lat | | |
| 2 | without | Abd | 36 | 2.5 X 2.5 | STND | Without | | |
| 3 | 40-50 Sec | Abd | 36 | 2.5 X 2.5 | STND | | | |
| 4 | 65-70 Sec | Abd | 36 | 2.5 X 2.5 | STND | | | |
| | | | | | | | | |
| Recons | | | | | | | | |
| Recon source Series # | Recon | Body Part | Thick / Space | Algorithm | W/L | Notes | | |
| 4 | AX | Abd | 1.25x0.625 | STND | | Do not send to PACS, use for recons | | |
| AX 1.25x0.625 | COR | Abd | 1.25 X 0.625 | STND | 400/40 | | | |

*Please note, recons are displayed as thickness X spacing



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| AX 1.25x0.625 | SAG | Abd | 1.25 X 0.625 | STND | 400/40 | |
|---|-----|-----|-----------------|------|--------|--|
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| 2D / 3D Processing | | | | | | |
| | | | | | | |
| Series required in PACS | | | | | | |
| Loc, without, 40-50 and 65-70 sec source data, COR and SAG recons except 1.25x0.625 AX, dose report | | | | | | |

ADDITIONAL INSTRUCTIONS:

*Please note, recons are displayed as thickness X spacing