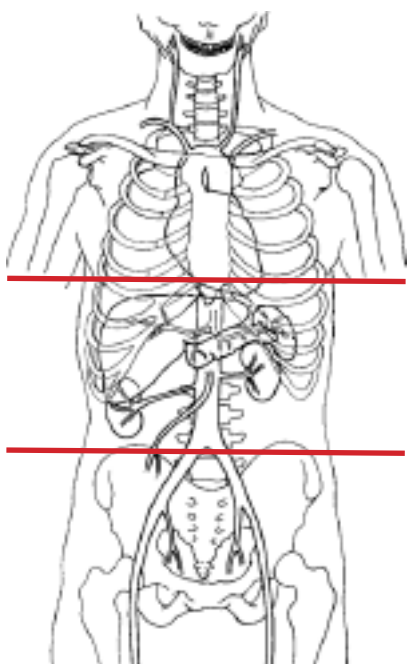


## CT LIVER MASS PROTOCOL



|                         |  |
|-------------------------|--|
| <b>Pt Position</b>      | Supine   |
| <b>Contrast</b>         | 100 mL contrast  |
| <b>Injection Rate</b>   | 2.5 mL/sec<br>minimum 22g prefer 18g                               |
| <b>Respiration</b>      | Breath - hold  |
| <b>Volume</b>           | Appropriate to achieve images as specified in the following tables |
| <b>Aquisition Specs</b> | - Dome of diaphragm to Iliac Crest - all phases                    |
|                         | <b>Non-contrast CT abd NOT needed for liver masses</b>             |



### NOTES:

- LMP on pts of child-bearing age
- Shield children when possible

| Topogram (Scout) |           |           |                  |  |
|------------------|-----------|-----------|------------------|--|
| PLANE            | ALGORITHM | THICKNESS | DFOV             |  |
| Axial +C         | Abdomen   | 3.0 mm    | pt largest + 4cm | ARTERIAL - Use Bolus Tracking          |
| Axial +C         | Abdomen   | 3.0 mm    | pt largest + 4cm | VENOUS                                 |
| Coronal +C       | Abdomen   | 3.0 mm    | pt largest + 4cm | MPR Reformats<br>use venous phase scan |
| Sagittal + C     | Abdomen   | 3.0 mm    | pt largest + 4cm |  |
| Axial + C        | Abdomen   | 3.0 mm    | pt largest + 4cm | <b>***5 minute delay</b>               |

\*\*\* RECENT CHANGE 4/15/20