

## Abdomen 6.9 Triple phase Liver LightSpeed 16

**Indications:** Liver mass/ cirrhosis.

**Patient Preparation:** 2 cups water or VoLumen on table

**Contrast:** 150cc Omnipaque 350 @ 4.0cc/second

**All prep delays are relative to start injection time.**

**Group 1: Non-contrast** – Dome of diaphragm to Iliac crest (No IV contrast)

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kV	Auto mA/ Noise Index	Prep Time (sec)
0.8 sec Helical Full	5 27.50 1.375:1	5	Large	120	200-440  10	N

**Group 2: Late arterial Phase** – Dome of diaphragm to Iliac crest

**IV Contrast:** 150cc Omnipaque @ 4.0cc/second

**Scan Delay:** 35 sec

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kV	Auto mA/ Noise Index	Prep Time (sec)
0.8 sec Helical Full	5 27.50 1.375:1	5	Large	120	200-440  10	40 sec.

**Group 3: Venous Phase-** Dome of diaphragm to Iliac crest

**Scan Delay:** 80 sec

Scan Mode	Thickness Speed Pitch	Table Interval	SFOV	kV	Auto mA/ Noise Index	Prep Time (sec)
0.8 sec Helical Full	5 27.50 1.375:1	5	Large	120	200-440  10	80 sec.

**Group 4: Delayed Phase – Dome of diaphragm to iliac crest**

<b>Scan Mode</b>	<b>Thickness Speed Pitch</b>	<b>Table Interval</b>	<b>SFOV</b>	<b>kV</b>	<b>Auto mA/ Noise Index</b>	<b>Prep Time (sec)</b>
<b>0.8 sec Helical Full</b>	<b>5 27.50 1.375:1</b>	<b>5</b>	<b>Large</b>	<b>120</b>	<b>200-440  10</b>	<b>3 min.</b>

**DFOV:** Target to patient size.

**Algorithm:** Standard. Show recon 1&2.

**Network:** All groups recon 1 (5mm) to PACS. All groups recon 2 (1.2 mm) auto-transmit AWBR.

Notes: Auto mA must be on and mA table checked prior to scanning.