

# Child Abdomen Routine

Siemens go.All

Application Examples: abdominal pain, tumor evaluation
Weight ≤110 pounds

Oral Contrast	120-900 mL
IV Contrast / Volume	0.62 mL Omnipaque 300 per pound or P3T
Injection Rate	≤ 2.2 mL / sec

### Technical Factors

Scan Delay	60 seconds
Breath Hold	Inspiration if applicable

Detector Collimator	Acq 32 x 0.7mm
Care kV	On / 110 kV
Care Dose 4D	On / 135 mAs
Rotation Time	0.5
Pitch	1.4
Typical CTDIvol	3.32 mGy

Topogram: Lateral, AP, 512 mm

Abdomen	Recon Type	Width / Increment	Algorithm	Safire	Window	FOV	Series Description	Networking	Post Processing
Recon 1	Axial	3 x 3	Br40	2	Abdomen	-	AXIAL	PACS	None
Recon 2	3D:COR	3 x 3	Br40	2	Abdomen	-	COR	PACS	COR MPR
Recon 3	3D:SAG	3 x 3	Br40	2	Abdomen	-	SAG	PACS	SAG MPR

This protocol is used for routine abdominal studies.

**Patient Position:** Patient lying supine with arms above head.

**Scan Range:** Scan from above diaphragm to IC or SP as per order.

**Recons and Reformations:** Adjust the FoV to fit the body contour. Do Coronal and sagittal MPRs in the examination card, using raw data.

**Notes:** Guidelines for oral contrast for children

1. Neonates- ordered per neonatologist
2. < 1 year 120 ml
3. 1-5 years 240-350 ml
4. 6-12 years 350-500 ml
5. > 12 years 600-900 ml