

**Child Abdomen Appy**

Siemens go.All

Application Examples: abdominal pain, appendicitis
Weight

Oral Contrast	350-900 mL / see oral contrast guidelines
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

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 ± 50%

Topogram: Lateral, AP, 512 mm

Abdomen	Recon Type	Width / Increment	Algorithm	Safire	Window	FOV	Series Description	Networking	Post Processing
<b>Recon 1</b>	Axial	5 x 5	Br40	2	Abdomen	-	AXIAL	PACS	None
<b>Recon 2</b>	Axial	3 x 3	Br40	2	Abdomen	-	PELVIS AXIAL	PACS	None
<b>Recon 3</b>	3D:COR	3 x 3	Br40	2	Abdomen	-	COR	PACS	COR MPR
<b>Recon 4</b>	3D:SAG	3 x 3	Br40	2	Abdomen	-	SAG	PACS	SAG MPR
<b>Recon 5</b>	Axial	0.6 x 0.6	Br36	2	Abdomen	-	AXIAL 0.6 STND	TeraRecon	None

Pediatric guidelines for oral contrast

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

**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. Coronal and sagittal MPRs.