

Materials List for

Contrast-Enhanced Subharmonic Aided Pressure Estimation (SHAPE) using Ultrasound Imaging with a Focus on Identifying Portal Hypertension

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Materials

Name	Company	Catalog Number	Comments
2 mL syringe	Becton Dickinson	309637	Used for reconstituting Sonazoid
10 mL saline-filled syringe	Becton Dickinson	306545	Used for flushing line to verify IV access
500 mL saline bag	Baxter Healthcare Corp	2131323	Used for co-infusion with Sonazoid
C1-6-D curvi-linear probe	GE Healthcare	H40472LT	Used for liver imaging
Chemoprotect Spike	Codan USA	C355	Chemospikes used for reconstituting Sonazoid
Discofix C Blue	B. Braun Medical Inc	16494C	3-way stopcock
Intrafix Safeset 180 cm	B. Braun Medical Inc	4063000	Infusion tubing
Logiq E10 ultrasound scanner	GE Healthcare	H4928US	Used for conventional ultrasound imaging as well as for SHI and SHAPE
Luer lock 10 mL syringe	Becton Dickinson	300912	For infusion of Sonazoid
Medfusion 3500 syringe pump	Smiths Medical	3500-500	Used for infusing Sonazoid at 0.18 mL/kg/hour
Perfusor-leitung tubing 150 mm	B. Braun Medical Inc	8722960	Extension line enabling syringe connection to patient's IV access
SHI/SHAPE software	GE Healthcare	H4920CI	Contrast-specific imaging software
Sigma Spectrum infusion system	Baxter Healthcare Corp	35700BAX	Pump used for co-infusing saline at 120 mL/hour
Sonazoid	GE Healthcare		Gas-filled microbubble based ultrasound contrast agent
sterile water, 2 mL	B. Braun Medical Inc		Used for reconstituting Sonazoid
ultrasound gel	Cardinal Health	USG-250BT	Used for contact between probe and patient

Venflon IV cannula 22GA	Becton Dickinson	393202	Cannula needle for obtaining IV access
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