

Supplementary Table 1. Magnetic Resonance Enterography Protocols

	Machine	
	Philips Ingenia 3T	Siemens Magnetom Aera 1.5T
Patient preparation	<ul style="list-style-type: none"> <li>• Fast for 8 hr prior to the examination (preferably from midnight)</li> <li>• 22 g IV cannula required for hyoscine butylbromide (or glucagon if contraindication) and contrast</li> <li>• Prepare 1.5 L of oral contrast (40 mL sorbitol 70% in 1.5 L of water). Contrast consumed in 45–60 min prior to the scan</li> </ul>	<ul style="list-style-type: none"> <li>• Fast for 8 hr prior to the examination (preferably from midnight)</li> <li>• 22 g IV cannula required for hyoscine butylbromide (or glucagon if contraindication) and contrast</li> <li>• Prepare 2 L of oral contrast (psyllium in 2 L of water). Contrast consumed in 120 min prior to the scan in 30 min intervals</li> </ul>
Imaging sequences	<ul style="list-style-type: none"> <li>• Free breathing sequences:               <ul style="list-style-type: none"> <li>Coronal CINE BTFE free breathing (30 phases)</li> <li>Coronal DWIBS navigator-triggered (b=0, 800)</li> </ul> </li> <li>• Administration of hyoscine butylbromide 20 mg IM followed by 20 mg IV</li> <li>• Pre-contrast sequences:               <ul style="list-style-type: none"> <li>Coronal T2 sSH TSE MBH</li> <li>Coronal T2 FS sSH TSE MBH</li> <li>Axial T2 sSH TSE MBH upper abdomen</li> <li>Axial T2 sSH TSE MBH lower abdomen</li> <li>Axial T2 FS sSH TSE MBH upper abdomen</li> <li>Axial T2 FS sSH TSE MBH lower abdomen</li> <li>Coronal T1 FS mDIXON FFE BH (to check positioning prior to contrast administration)</li> </ul> </li> <li>• IV contrast administration then:               <ul style="list-style-type: none"> <li>Coronal T1 FS mDIXON FFE BH (3 dynamic scans–pre, 45 sec, 90 sec)</li> <li>Axial T1 FS mDIXON FFE BH upper abdomen</li> <li>Axial T1 FS mDIXON FFE BH lower abdomen</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Administration of hyoscine butylbromide 40 mg IV</li> <li>• Pre-contrast sequences:               <ul style="list-style-type: none"> <li>Coronal T2 HASTE MBH</li> <li>Coronal T2 FS HASTE MBH</li> <li>Coronal T1 FL2D MBH</li> <li>Axial T2 FS HASTE MBH upper abdomen</li> <li>Axial T1 FS VIBE upper abdomen</li> <li>Axial T2 FS HASTE MBH lower abdomen</li> <li>Axial T1 FS VIBE lower abdomen</li> <li>Coronal T1 FS VIBE (to check positioning prior to contrast administration)</li> </ul> </li> <li>• IV contrast administration then:               <ul style="list-style-type: none"> <li>Coronal T1 FS VIBE (3 dynamic scans–pre, 45 sec, 90 sec)</li> <li>Axial T1 FS VIBE upper abdomen</li> <li>Axial T1 FS VIBE lower abdomen</li> </ul> </li> </ul>

IV, intravenous; BTFE, balanced turbo field-echo; DWIBS, diffusion-weighted whole body imaging with background body signal suppression; IM, intramuscular; sSH, ultrafast single shot; TSE, turbo spin echo; MBH, multi breath hold; FS, fat suppression; mDIXON, modified DIXON; FFE, fast field echo; BH, breath hold; HASTE, half Fourier acquisition single shot turbo spin echo; FL2D, 2-dimensional last low angle shot; VIBE, volumetric interpolated breath-hold examination.