

Supplementary Materials

## Inflammatory bowel diseases and coexisting spondyloarthritis: a neglected and too often under-reported association by radiologists. A multicenter study by Italian Research Group of Imaging in Reumatology

**Table S1.** CT and MRI scanners and MRI sequences employed for CTE and MRE in each different centre.

Centre	Readers	Patients (n°)	Patients Sex	MRI Scanner	MRI Protocol	CT Scanner
<i>Siena</i>	F.G, M.M.	288	121 M 167 F	1.5-T MR Scanner (Signa Twin Speed Hdxt; General Electric Healthcare, USA)	<ul style="list-style-type: none"> <li>- TrueFISP-steady state free precession balanced (b-SSFP) in axial and coronal planes,</li> <li>- single shot fast spin echo breath old (SSFSE BH) ASSET T2w in coronal plane,</li> <li>- fast spoiled gradient-echo (FSPGR) FatSat breath old ASSET T1W in axial plane,</li> <li>- LAVA-XV mask plus 3 post-contrast phases in coronal plane.</li> <li>- Steady state free precession, in axial an coronal planes,</li> <li>- Single shot FSE fat-sat, in axial and coronal planes,</li> <li>- Contrast 3D spoiled GE, in axial and coronal planes,</li> <li>- DWI using 3 different b values (0, 100,800) in axial plane,</li> <li>- Thick slab HASTE-sequence in coronal plane,</li> <li>- Steady state free precession, in axial an coronal planes.</li> </ul>	64-detector row CT scanner (Discovery 750 HD, GE Healthcare, Milwaukee, WI, USA)
<i>Palermo</i>	G.R., A.V.	175	77 M 98 F	1.5-T MR Scanner (Philips Medical System, Eindhoven, The Netherlands)	<ul style="list-style-type: none"> <li>- FIESTA-steady state free precession (SSFP) in axial and coronal places,</li> </ul>	128-detector row CT scanner (Somatom Definition, Siemens, Germany)
<i>Ancona</i>	M.C., A.G.	128	71 M 57 F	1.5-T MR Scanner (Cvi/Nvi) Excite HDxy 15.0	<ul style="list-style-type: none"> <li>- FIESTA-steady state free precession (SSFP) in axial and coronal places,</li> </ul>	64-detector row CT scanner (ligh Speed VCT power scanner GE Healthcare, Milwaukee, WI, USA)

				General Electric Healthcare, Milwaukee, WI, USA	<ul style="list-style-type: none"> <li>- Single shot fast spin echo (FSE) T2-w sequence in coronal and sagittal planes,</li> <li>- T2-w fat sat in axial plane,</li> <li>- Pre-contrast LAVA 3D gradient T1-w fat sat sequence in axial and coronal planes,</li> <li>- Post-contrast LAVA gradient T1-w fat sat sequence in axial, coronal and sagittal.</li> <li>- TrueFISP-steady state T2w in coronal and axial planes,</li> <li>- 3D TrueFISP -steady state T2w in coronal plane,</li> <li>- Half Fourier single shot Turbo spin eco (HASTE) fat suppressed T2w in coronal and axial planes,</li> <li>- Diffusion weight imaging (DWI), (B=0,500,1000),</li> <li>- Pre-contrast coronal and post-contrast coronal and axial 3D Cine TrueFISP fat suppressed GRE T1w (VIBE).</li> <li>- TrueFISP b-SSFP in axial and coronal planes,</li> <li>- RARE- single shot turbo spin echo (TSE) T2w in coronal plane,</li> </ul>	
<i>Siracusa</i>	F.I., G.C.	100	51 M 49 F	1.5-T MR Scanner (Siemens Avanto, Germany)	<ul style="list-style-type: none"> <li>- Half Fourier Acquisition Turbo Spin Eco (HASTE) T2w in axial plane,</li> <li>- Post-contrast coronal 3D spoiled gradient-recalled echo T1w sequence (VIBE) with SPECTral inversion at lipid.</li> <li>- FIESTA b-SSFP in axial and coronal planes,</li> <li>- Fast spin echo (FSE) T1w sequence in axial and coronal planes,</li> <li>- FSE T2w sequence in axial and coronal planes,</li> <li>- FSE T2w sequence in axial plane,</li> <li>- Post-contrast 3D spoiled gradient-recalled echo T1w sequence in axial and coronal planes.</li> </ul>	64-detector row CT Scanner (Siemens Somatom, Germany)
<i>Napoli</i>	A.R., G.V.	75	41 M 34 F	1.5-T MR Scanner (Siemens Symphony, Germany)	<ul style="list-style-type: none"> <li>- Single shot spin echo (sSSH) T2w in coronal and axial planes; - b-fast field echo 2D (BFFE_M2D) T2w in coronal plane,</li> <li>- Balanced turbo field echo (BTFE_SPAIR),</li> </ul>	4-detector row CT scanner (Toshiba, Aquilion, Toshiba Medical System Europe BV Zoetermeer, The Netherlands)
<i>L'Aquila</i>	A.B., F.B.	65	38 M 27 F	1.5-T MR Scanner (Signa Horizon; General Electric Healthcare, Milwaukee, WI USA)		320-detector row CT scanner (Toshiba, Aquilion One, Canon Medical Systems, USA)
<i>Alessandria</i>	E.L., J.Z.	40	18 M 22 F	1.5-T MR Scanner (Philips Ingenia, Philips Healthcare/Medical System BV Eindhoven, The Netherlands)		2x320-detector row CT scanner (Toshiba Aquilion One 640, Toshiba Medical System Europe BV Zoetermeer, The Netherlands)

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					- Dynamic enhanced T1w high resolution isotropic volume examination in axial and coronal planes, - Pre- and post-contrast, with Spectral inversion at lipid (THRIVE, Philips). - Steady state free precession balanced (BFFE) in axial and coronal planes, - Single shot FSE T2w in coronal plane, - Post-contrast coronal 3D spoiled gradient-recalled echo T1w with Thirve, - Diffusion weighted imaging with background body signal suppression (DWIBS).	
<i>Campobasso</i>	N.M, L.B.	23	12 M 11 F	1.5-T MR Scanner (ACHIEVA D-STEAM 1.5 Philips, Best, The Netherlands)		64-detector row CT scanner (Brilliance 64, Philips, Best, The Netherlands)

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