

MRI Bony Pelvis Infection

Updated 06/15/17

Reviewed 05/14/25

Use small field-of-view (FOV) centered on the area of interest.

Craniocaudal - iliac crests through lesser trochanters.

Anteroposterior - anterior to pubic symphysis through posterior to coccyx.

Right left - lateral trochanter to lateral trochanter.

Go to MRIMaster.com for a guide of proper positioning.

Pulse Sequence	PACS Name	plane	fat sat	slice (mm)	gap (mm)	first slice
T1	T1 AX	ax	no	5	1	top
T2	T2 FS AX	ax	yes	5	1	top
T1	T1 COR	cor	no	5	1	front
STIR	STIR COR	cor	no	5	1	front
*T1	T1 SAG	sag	no	6	1.5	right

CONTRAST - 2 mL/sec standard dose gadolinium (0.2 mL/kg Clariscan or 0.1 mL/kg Gadavist) followed by 20 mL saline flush.

T1	T1 FS POST AX	ax	yes	5	1	top
T1	T1 FS POST COR	cor	yes	5	1	front

*Add T1 sagittal sequence if the sacrum is the area of concern.