

Women's Imaging Pelvic Protocols

Routine Female Pelvis without Contrast

Last updated: 6/12/01

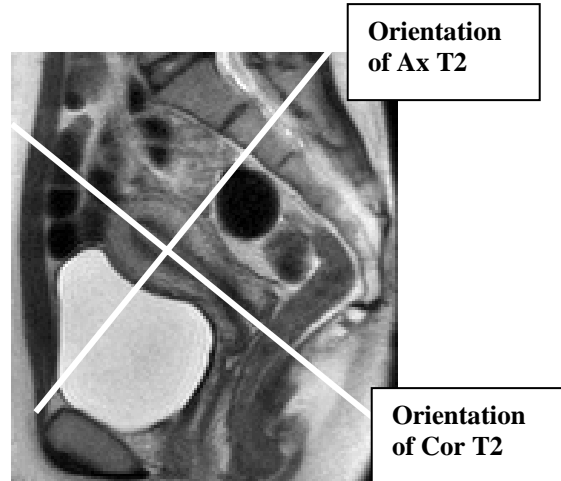
Phased array coil centered over pelvis.

No Gadolinium contrast.

Center on the pelvis. Move for HASTE if needed.

Call body radiologist.

Run sequences in the order listed.



Sequence	Plane	Comment	Film #
T2 TSE	Sag	Non-breath hold. 2-3 acq. Small FOV. Add Cor sat band. Use 4-6 mm slices.	2
T2 TSE	Ax	Orient to uterus. Non-breath hold. 2-3 acq. Small FOV. Add Cor sat band.	2
T2 TSE	Obl Cor	Orient to uterus. Non-breath hold. 2-3 acq. Small FOV.	2
3D T2	Ax		0
T1 In/out	Ax		2,1
HASTE	Cor	Thru kidneys. Use body coil if necessary.	2
VIBE	Ax	Coverage from aortic bifurcation to symphysis pubis.	1

NOTE: These protocols apply to Siemens Symphony (with Quantum gradients) and Sonata systems. While they reflect the protocols used at NYU Medical Center, NYU is not responsible for their application elsewhere.

Routine Female Pelvis with Contrast

Last updated: 3/5/2002

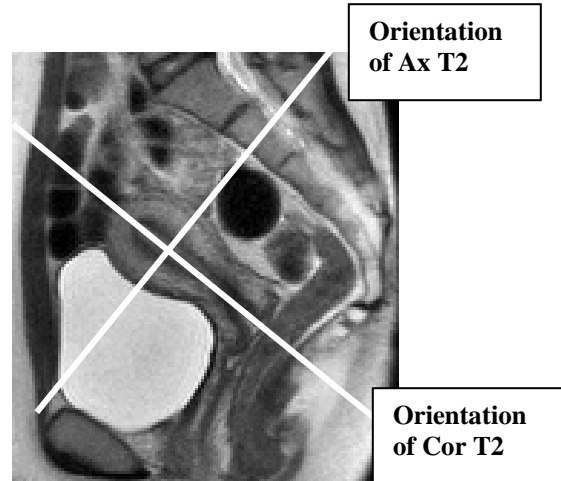
Phased array coil centered over pelvis.

Weight based Gadolinium contrast (*)
(15cc if pt is less than 180 pounds; otherwise 20cc Gd)

Center on pelvis. Move for HASTE if needed.

Call body radiologist.

Run sequences in the order listed.



Sequence	Plane	Comment	Film #
T2 TSE	Sag	Non-breath hold. 2-3 acq. Small FOV. Add Cor sat band. Use 4-6 mm slices.	2
T2 TSE	Ax	Orient to uterus. Non-breath hold. 2-3 acq. Small FOV. Add Cor sat band.	2
T2 TSE	Obl Cor	Orient to uterus. Non-breath hold. 2-3 acq. Small FOV.	2
3D T2	Ax		0
T1 In/Out	Ax		2,1
HASTE	Cor	Thru kidneys. Reposition patient and use the body coil if necessary.	2
VIBE	Ax	Pre-contrast. Coverage from aortic bifurcation to symphysis pubis.	0
VIBE	Ax	Scan delay = 30 sec. 3 measures (0, 30, 180 sec).	1,2

(*) The use of gadolinium contrast material for these applications represents off-label usage in the U.S.
Outside the U.S., please consult your country's regulations for local guidelines.

NOTE: These protocols apply to Siemens Symphony (with Quantum gradients) and Sonata systems. While they reflect the protocols used at NYU Medical Center, NYU is not responsible for their application elsewhere.

Routine Female Cervix with Contrast

Last updated: 12/3/2002

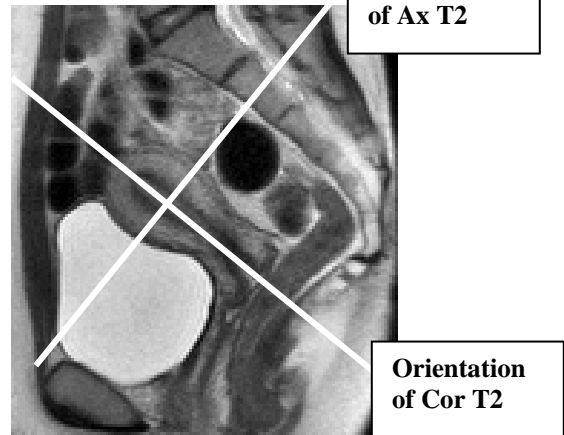
Phased array coil centered over pelvis.

Weight based Gadolinium contrast (*)
(15cc if pt is less than 180 pounds; otherwise 20cc Gd)

Center on pelvis. Move for HASTE if needed.

Call body radiologist.

Run sequences in the order listed.



Sequence	Plane	Comment	Film #
T2 TSE	Sag	Orient to cervix. Non-breath hold. 2-3 acq. Small FOV. Add Cor sat band.	2
T2 TSE	Ax	Orient to cervix. Non-breath hold. 2-3 acq. Small FOV. Add Cor sat band.	2
T2 TSE	Obl Cor	Orient to cervix. Non-breath hold. 2-3 acq. Small FOV.	2
3D T2	Ax		0
T1 In/Out	Ax		2,1
HASTE	Cor	Thru kidneys. Reposition patient and use the body coil if necessary.	2
VIBE	Ax	Pre-contrast. Coverage from aortic bifurcation to symphysis pubis.	0
VIBE	Ax	Scan delay = 30 sec. 3 measures (0, 30, 180 sec).	1,2

(*) The use of gadolinium contrast material for these applications represents off-label usage in the U.S.
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Routine Urethra

Last updated: 6/29/01

Phased array coil centered over pelvis.

Weight-based Gadolinium contrast (*), 15cc if pt is less than 180 pounds; otherwise 20cc Gd

Call body radiologist.

Run sequences in the order listed.

Sequence	Plane	Comment	Film #
T2 TSE	Sag	Non-breath-hold. (from female pelvis) (4mm 0.2 gap)	2
T2 TSE	Ax	Non-breath-hold. (from female pelvis) (4mm 0.2 gap)	2
T1 in/out	Ax		2,1
T2 TSE	Ax	512 Matrix. 3 mm with 0.2 gap. (From prostate) Use small FOV. Orient perpendicular to urethra; cover from bladder base to meatus (see below).	2
HASTE	Cor	Thru kidneys. Use body coil if necessary.	2
Dynamic true FISP	Sag	One sag image per second for 60 second Instruct patient to relax, then valsalva , then relax, then Kegel	
VIBE	Ax	Small slab (bladder to urethra). Try for 2 mm thickness.	0
VIBE	Ax	Scan delay = 45 sec. 2 measures (0 and 180 sec).	1,2

(*) The use of gadolinium contrast material for these applications represents off-label usage in the U.S. Outside the U.S., please consult your country's regulations for local guidelines.

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