

# Liver Donor MRI MRCP

(revised 11/2018)

Body phase array coil.

Use power injector

Cover entire liver

Eovist Contrast 0.1 ml/kg

Siemens

Coach patient on how to breath and hold breath

Exam has to be performed during normal business hours. Have radiologist check images after MRCP and before patient leaves

Red = new

1. SCOUT BH
2. COR HASTE
3. AXIAL HASTE
4. MRCP 12 thick slab (10-50mm slab thickness, <=3mm spacing)
5. COR (or AXIAL) T2 3D MRCP triggered (contiguous high res. coach pt how to breath)
6. Call radiologist to check after MRCPs, need to visualize biliary anatomy up to secondary branch)
7. AXIAL Dixon OUT/IN PHASE ~~w-liverlab~~
8. AXIAL VIBE pre

Inject Eovist– Fluoro-prep

9. AXIAL POST GAD VIBE BH dynamic (arterial, portal venous, late venous)
10. COR POST GAD VIBE BH (2 min)
11. AX POST GAD VIBE BH (delay)

- 12. COR HASTE 3mm thin small FOV**
- 13. AX T2 fs trig blade**
- 14. AX TRUFISP**
- 15. DWI B50/500**
- 16. Ax VIBE 20 min**
- 17. Cor VIBE 20 min**
- 18. (do this if T2 3D MRCP not sufficient,  
repeat after further delay if necessary)  
AXIAL (or COR) T1 3D MRCP**