

GE 3T Prostate MRI

(revised 9/2012, 12/2012)

Patient prep instructions:

1. Get two(2) Fleets enema from UIC pharmacy, or at local pharmacy. Referring urologist or radiologists/residents can write the prescription.
2. One day before the exam, take one Fleets enema at bed time.
3. On the day of the exam, each light meals.
4. On the day of exam, take one Fleets enema at home 2 hours before leaving the house.

Use 32 Channel Cardiac Coil

1. **Survey**
2. **Large FOV Ax T1 whole pelvis**
3. **Small FOV T2 in Sag**
 - **FOV 18cm**
 - **Slice thk/gap = 3mm/0**
 - **Matrix = 224 x 320, recon = 512**
4. **Small FOV T2 in Cor**
 - **Cor plane parallel to rectal wall**
5. **Small FOV Ax DWI**
 - **Ax plane perpendicular to rectal wall**
 - **B=50, 500, 1000, 1500, 2000**
 - **FOV 18cm**
 - **Slice thk = 3mm**
 - **Calculate ADC, EADC map**

6. **Small FOV Ax T1, T2**
7. **Inject Gd 0.1mmol/kg + 20cc Saline @
2cc/sec**
 - **Dynamic LAVA Ax start at the time
of injection**
 - **FOV 18cm, Mtx = 160**
 - **Acquire 5min, >20 phases**
8. **Large FOV delayed LAVA in Ax**