Gadolinium Administration in Patients with Renal Failure

Due to the potential risk to patients with renal failure for Nephrogenic Systemic Fibrosis (NSF)/Nephrogenic Fibrosing Dermopathy (NFD), the following procedure will be followed:

Patients will be screened for standard contraindications to MRI. 
**Outpatients:** no history of renal failure, give paramagnetic contrast per protocol. 
**Outpatients with history of renal failure,** must have blood test for creatinine.  
**Inpatients** will have available lab values checked for serum creatinine. (check HIS)

- **eGFR lower than 30 = no contrast, even if patients are on dialysis**
  (if decision made to give contrast, an informed consent must be obtained and use of Multihance, if available.)
- **eGFR between 30-60 = patient must have an informed consent by a Radiologist.**
- **eGFR higher than 60 = contrast ok to be given**

The eGFR will be calculated using the eGFR Calculator from the National Kidney Foundation web site. (This program is saved on the desktops of all the MRI computers.) Four factors will need to be entered for calculation. 
**Adults:** Creatinine, Age, Race and Gender. Submit for results. 
**Pediatric (under 18 y/o):** Creatinine, Height, Age and Gender. Submit for results from the Schwartz Formula.

If a patient is having scans of kidneys, please contact Radiologist in Body Room to assess for contrast.