Overview: Patients with severe renal disease who receive Gadolinium-based MR contrast agents are at risk for developing a serious disease called Nephrogenic Systemic Fibrosis (NSF). The following are updated screening recommendations to identify high-risk patients prior to IV contrast-enhanced MRI or MRA.

Patients requiring screening eGFR labwork (i.e., serum Creatinine):

1. Age ≥ 60 years.
2. Diabetes Mellitus.
3. Known or suspected renal insufficiency/failure, chronic or acute.
4. Only one kidney.
5. Renal tumor.
7. Other conditions as deemed appropriate by the responsible radiologist

Patients in categories 1-6 (above) with a recent eGFR will NOT require NEW labwork if:

1. Prior eGFR >60 AND within 6 weeks (42 days) of MR study.
2. Prior eGFR is 30-59 within 14 days of MR study.

For patients in categories 1-6 without a recent eGFR:

- eGFR labwork should be drawn 42 days of the MR study. If prior eGFR is between 30-59 it must be drawn within 14 days of the MRI study.

Patients on kidney dialysis:

1. Do NOT require eGFR labwork prior to the MR study.
2. Should be scheduled for dialysis on the same day or within 24 hours of the MR study and must be approved by a radiologist.

Please call MRI with questions at (356)-2236