

SeaRad Renal Insufficiency Policy

Guidelines

GFR > 60	Normal dose
GFR 46-60	Risk Checklist <ul style="list-style-type: none">▪ Kidney transplant▪ Diabetes▪ Hx of renal insufficiency or injury▪ Paraproteinemia (such as multiple myeloma)▪ Collagen vascular disease▪ High blood pressure that requires medication▪ On metformin containing drugs▪ Routine use of NSAIDs▪ Chemotherapy in the last 3 months▪ Received IV CT contrast in the last 30 days If diabetes, Kidney Tx or 2+ risks, receive IV hydration (below) Lowest diagnostic dose Otherwise, oral hydration as tolerated for 24 hours
GFR 30-45	Hydration protocol Lowest diagnostic dose
GFR <30	Avoid contrast Discuss with referring physician If absolutely indicated, consider discussion with nephrologist
Intermittent dialysis	Avoid contrast (see GFR <30)
Routine dialysis/anuric	No contraindication

Hydration protocol

Inpatients

IV 0.9% NS at 1.5 mL/kg/hr for 12 hours prior to exam and 12 hours after exam

Outpatients

IV 0.9% NS 3 mL/kg/hr for 1 hour prior to exam and 1.5 mL/kg/hr for 3 hours after exam

Use 1 mL/kg/hr for patients with risk for fluid overload (cardiac patients)