

Prevention of contrast-induced nephropathy with sodium bicarbonate

Give 154 mEq/L sodium bicarbonate in D5W, as a bolus of 3 mL/kg per hour for 1 hour before iodinated contrast, followed by an infusion of 1 mL/kg per hour for 6 hours after the procedure.

Reference: JAMA. 2004 May 19;291(19):2328-34.

Standard Pre-Medication Dosing for CT contrast reaction:

Medication	Type	Dose	Dose Time
Prednisone	Steroid	50 mg p.o.	13 hrs, 7 hrs, and 1 hr prior to injection
Diphenhydramine	Antihistamine	50 mg p.o.	1 hr prior to injection