

**ADVERSE CONTRAST
REACTIONS 90,473 PTS**

**IONIC 6-8%
NONIONIC .7%
GD .06%**

**SEVERE REACTION
IONIC .05% ALLERGY
NON IONIC .02% 1 DEATH C-V DECOMP.**

**BREAKTHROUGH REACTIONS TO NONIONIC CONTRAST AFTER STEROID PREP.
10 %
52 PTS - 61 REACTIONS
76% MILD- 24% LIFE THREAT**

**CIN
Detectable at 24-48 hrs.
Peaks 3-5 days return to normal 1-3 wks.**

**Defined as
CR. > 25% increase
CR. > .5 mg/d**

CIN no pop 1.2-1.6%

CT, Angio Cor intervention 16,000 patients, CIN 1% 34% mortality vs 7% without

**1826 patients undergoing PCI
Cr > 25% above baseline
13% non-diabetics
20% diabetics
2% dialysis 36% Hospital mortality**

439 patients with Cr >1.8mg/dl 33% developed RCN despite hydration

RCN

**Cr. 2- 4 mg/dl 27%
> 4 mg 81%**