



Premedication Regimen to Reduce Contrast Reactions

UMC Premedication Regimen to Reduce Contrast Reactions

According to the version 10.3 (2018) ACR Manual on Contrast Media, the following regimens are recommended for premedication of patients at risk for developing contrast reaction.

Accelerated IV Premedication

Methylprednisolone 40 mg IVPush immediately, then every 4 hours until contrast study required PLUS Diphenhydramine 50 mg IVPush 1 hour prior to contrast injection if possible.

If study is to be completed in less than one hour, diphenhydramine 50 mg IVPush will be given now.

Elective Premedication

Prednisone 50 mg PO 13 hours, 7 hours, and 1 hour before contrast media injection PLUS diphenhydramine 50 mg PO 1 hour prior to contrast injection.

If unable to take oral medication, use methylprednisolone 40 mg IVPush 13 hours, 7 hours, and 1 hour before before contrast media injection PLUS diphenhydramine 50 mg IVPush 1 hour prior to contrast injection.

Reference:

ACR Manual on Contrast Media (Version 10.3, 2018)