

# Drug Interactions with Contrast Agents

The following drugs are contraindicated in patients receiving parenteral iodinated contrast media:

Do not give the following drugs 48 hours before a procedure and 24 to 48 hours after the procedure.

(see special notes on “Antidiabetic” drugs)

Classes of drugs:

1. Antidiabetic
2. CNS stimulants (appetite suppressants and drugs to treat ADD/ADHD)
3. Antidepressants (tricyclic and MAO inhibitors)
4. Phenothiazine derivatives
5. Psychoactive agents (analeptics, tranquilizers, and antipsychotics)

## Antidiabetic

- \* Avandamet
- \* Metaglip
- \* Metformin
- \* Glucovance
- \* Glucophage (see notes below)

## Antidepressants

Amitriptyline (**elavil, endep**)  
Amoxapine (**asendin**)  
Chlordiazepoxide/amitriptyline (**limbitrol**)  
Despiramine (**norpramin, pertofrane**)  
Doxepin (**sinequan, adapin**)  
Imipramine (**tofranil**)  
Meprobamate/benactyzine (**deprol**)  
Maprotiline (**ludiomil**)  
Nortriptyline (**aventil, pamelor**)  
Perphenazine/amitriptyline (**etrafon, triavil**)  
Phenelzine sulfate (**nardil**) maoi  
Protriptyline (**vivactil**)  
Tranlycypromine sulfate (**parbate**) maoi  
Trazodone (**desyrel**)  
Trimipramine (**surmontil**)

## Analeptics, tranquilizers, misc.

Cyclobenzaprine (**flexeril**)  
Ethopropazine (**parsidol**)+  
Promethazine (**phenergan**)+  
Propiomazine (**largon**)+  
Trimeprazine (**temaril**)

## CNS stimulants

Methylphenidate (**ritalin**)  
Diethylpropion (**tenuate**)  
Phenmetrazine (**preludin**)  
Pemoline (**cylert**)  
Phentermine (**ionamin, fastin**)

## Antipsychotics

Acetophenazine (**tindal**) +  
Chlorpromazine (**thorazine**) +  
Fluphenazine (**prolixin, permatil**) +  
Haloperidol (**haldol**) +  
Lithium (**eskalith, lithane, lithobid, lithonate**)  
Loxapine (**loxitane**)  
Mesoridazine (**serentil**) +  
Molindone (**moban**) +  
Perchlorperazine (**compazine**) +  
Promazine (**sparine**) +  
Thiethylperazine (**torcan**) +  
Trifluoperazine (**stelazine**) +  
Trifluopromazine (**vesprin**) +  
Thioridazine (**mellaril**) +  
Thiothixene (**navane**) +

\* These pharmaceuticals all contain Metformin and should be held for 48 hours POST exam

+ Phenothiazine derivatives