Contrast Allergy Premedication

Updated 9/25/25

- Power Plan Name - RAD Contrast Allergy Pre Medication (CARD has their own Power Plan)

FIRST SECTION - PROTOCOL CHOICES

- Proceed with routine 12 hour ORAL premedication protocol.
- Proceed with routine 12 hour IV premedication protocol.
- Proceed with accelerated 4 hour IV premedication protocol.
- Proceed with emergent 1 hour premedication protocol.

All 4 options are unchecked by default.
Selection of one of these options will make it so that only it's subphase medication orders & whichever contrast order is selected will be the only orders signed when the Power Plan is signed.

SECOND SECTION - CONTRAST SELECTION

- ***Verbiage*** - Order Omni-300 for routine CTs.
- ***Verbiage*** - Order Omni-350 for CTAs.
- ***Verbiage*** - Consider using Visipaque-320 in CT patients with prior severe allergy to Omnipaque.
- ***Verbiage*** - Order Clariscan for MRIs.
- ***Order*** - Omnipaque-300 (100 mL, inj, IV slow push, once)
- ***Order*** - Omnipaque-350 (100 mL, inj, IV slow push, once)
- ***Order*** - Visipaque-320 (100 mL, inj, IV slow push, once)
- ***Order*** - Clariscan (20 mL, inj, IV slow push, once)

All of these orders are unchecked by default.

FIRST SUBPHASE - Named "12 HR ORAL PROTOCOL"

- ***Verbiage*** - Both steroid and antihistamine are required (unless there is a contraindication).
- ***Verbiage*** - Select both steroid orders and only one antihistamine order.
- ***Verbiage*** - Recommend decreasing diphenhydramine dose to 25 mg in patients over 65 years of age.
- ✓ ***Order*** - Methylprednisolone (32 mg tab, oral, once, on call 12 hours prior to contrast).
- ✓ ***Order*** - Methylprednisolone (32 mg tab, oral, once, on call 2 hours prior to contrast).
- ✓ ***Order*** - Diphenhydramine (50 mg tab, oral, once, on call, 1 hour prior to contrast).
- ***Order*** - Diphenhydramine (25 mg tab, oral, once, on call, 1 hour prior to contrast).
- ***Order*** - Zyrtec (10 mg tab, oral, once, on call, 1 hour prior to contrast).

✓ indicates order is checked by default.

SECOND SUBPHASE - Named "12 HR IV PROTOCOL"

- ***Verbiage*** - Both steroid and antihistamine are required (unless there is a contraindication).
- ***Verbiage*** - Select both steroid orders and only one antihistamine order.

- ***Verbiage*** - Recommend decreasing diphenhydramine dose to 25 mg in patients over 65 years of age.
- ✓ ***Order*** - Dexamethasone (8 mL, inj, IV slow push, once, on call, 12 hours prior to contrast).
- ✓ ***Order*** - Dexamethasone (8 mL, inj, IV slow push, once, on call, 2 hours prior to contrast).
- ✓ ***Order*** - Diphenhydramine (50 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ***Order*** - Diphenhydramine (25 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ***Order*** - Zyrtec (10 mg tab, oral, once, on call, 1 hour prior to contrast).

✓ indicates order is checked by default.

THIRD SUBPHASE - Named "ACCELERATED 4 HR IV PROTOCOL"

- ***Verbiage*** - Both steroid and antihistamine are required (unless there is a contraindication).
- ***Verbiage*** - Select both steroid orders and only one antihistamine order.
- ***Verbiage*** - Recommend decreasing diphenhydramine dose to 25 mg in patients over 65 years of age.
- ✓ ***Order*** - Dexamethasone (8 mL, inj, IV slow push, once, on call, 4 hours prior to contrast).
- ✓ ***Order*** - Dexamethasone (8 mL, inj, IV slow push, once, on call, immediately prior to contrast).
- ✓ ***Order*** - Diphenhydramine (50 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ***Order*** - Diphenhydramine (25 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ***Order*** - Zyrtec (10 mg tab, oral, once, on call, 1 hour prior to contrast).

✓ indicates order is checked by default.

FOURTH SUBPHASE - Named "EMERGENT 1 HR IV PROTOCOL"

- ***Verbiage*** - By selecting the emergent 1 hour premedication protocol, I attest to the following:
  - > I consider the patient's condition as potentially life-threatening.
  - > Contrast is necessary to answer the clinical question.
  - > The benefits of proceeding with the exam using a shortened premedication protocol of less than 2 hours outweighs the risks of a contrast reaction.
  - > There is currently no evidence to support a premedication duration of 2 hours or less as effective in reducing contrast reactions.

- ***Verbiage*** - Both steroid and antihistamine are required (unless there is a contraindication).
- ***Verbiage*** - Select the steroid order and only one antihistamine order.
- ***Verbiage*** - Recommend decreasing diphenhydramine dose to 25 mg in patients over 65 years of age.
- ✓ ***Order*** - Dexamethasone (8 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ✓ ***Order*** - Diphenhydramine (50 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ***Order*** - Diphenhydramine (25 mL, inj, IV slow push, once, on call, 1 hour prior to contrast).
- ***Order*** - Zyrtec (10 mg tab, oral, once, on call, 1 hour prior to contrast).

✓ indicates order is checked by default.