

IODINATED CONTRAST EXTRAVASATION PROTOCOL:

INITIAL TREATMENT:

- 1) Notify radiologist
- 2) Elevate affected extremity above the heart
- 3) Apply ice packs (15-60 min applications TID/QID x 1-3 days)
- 4) Short observation for large volume extravasation
- 5) Notify referring physician for large volume extravasation

PRIMARY CARE/EMERGENCY DEPARTMENT REFERRAL FOR FOLLOWING:

- 1) Volume greater than 30cc for conventional ionic or 100cc of nonionic contrast
- 2) Skin blistering
- 3) Altered tissue perfusion (decreased capillary refill over or distal to injection site)
- 4) Increasing pain over 2-4 hours
- 5) Change in sensation distal to site of extravasation
- 6) If immediate referral required, radiologist will notify ER and send patient to ER

PATIENT TO CALL PRIMARY MD FOR THE FOLLOWING SYMPTOMS:

- 1) Residual pain
- 2) Blistering
- 3) Redness or other skin color change
- 4) Hardness
- 5) Increased or decreased temperature of skin at extravasation site
- 6) Change in sensation

DOCUMENTATION

- 1) Document the procedure, estimated size of extravasation, and site of extravasation using PACS note for sites with PACs or with the procedure paperwork that is given to the radiologist.
- 2) Document on hospital incident report form