



UNIVERSITY HOSPITAL

Newark, New Jersey

DEPARTMENT OF RADIOLOGY

Neuro-Endovascular Interventional Radiology Pre-Procedure Requirements

1. All Neuro-Endovascular **OUTPATIENT** cases are booked by calling 973-972-1163 or 973-972-9626. Our secretaries will obtain authorization from the patient's insurance company.
2. Once the case is booked, patients are scheduled and seen for a History and Physical visit with an advanced practice nurse (APN) and Pre-Admission Testing (PAT).
 - Pre-op labs for **all** patients: CBC, BMP, PT/PTT/INR, U/A (labs valid for 30 days)
(All urinary tract infections and abnormal lab values are corrected and treated prior to procedure)
 - For patients ≥ 40 : EKG required which is valid for 2 months
 - For patients ≥ 60 : Chest x-ray required which is valid for 6 months
 - All clearances (medical, cardiac, pulmonary, renal, etc...) depends on PMHx and History and Physical evaluation and each clearance is valid for one procedure only. For general anesthesia cases, patients are also evaluated by anesthesia during PATs, and it is determined if a patient requires clearance.
(All patients with carotid stenosis undergoing carotid endarterectomy or carotid stenting **must** obtain cardiac clearance).
 - **Scheduled Aneurysm Stenting and Coiling**: ASA/Plavix verify now **MUST** be done in the morning while in Same Day Surgery prior to procedure
(Goal $>40\%$ inhibition)
3. Patients are educated and advised to call Same Day Surgery at about 3:30 p.m at the Main Hospital at 973-972-6910 the day before their scheduled procedure around 3:30 p.m. to find out the time they should arrive the following day. Patients are required to arrive 1 ½- 2 hrs prior to time of procedure.
4. No eating or drinking after midnight prior to any procedure. However, the morning of the procedure, patients are advised by Pre-Admission Testing and Same Day Surgery to take their blood pressure medication, anti-epileptics and thyroid medication with a **SMALL** sip of water.

- **Diagnostic Cerebral Angiograms** It is okay for patients to continue taking their Aspirin, Plavix or Coumadin in the morning. For CPs patients on Coumadin with a cardiac history, prior to diagnostic angio, patients may or may not be converted to Lovenox 2 days prior to their procedure depending on INR values and consultation/cardiac clearance with their cardiologist.
5. Patients with a history of seafood/shellish/IV contrast dye allergy are premedicated per protocol with Prednisone, Pepcid and Benadryl prior to scheduled angio, angio/embo, CTA or MRI with gadolinium.
 6. Patients with a history of renal insufficiency/renal disease with abnormal BUN/Cr/GFR levels (Creatinine > 1.3 and/or GFR <60) are premedicated with Mucomyst (Acetylcystine) protocol.
 7. Patients with a history of diabetes who are taking **Glucophage/Metformin, Glucovance, Metaglipzide or Avandamet** and are scheduled for any procedure or imaging that requires IV contrast dye administration (i.e. CTA, Angio/Embo or Diagnostic Cerebral Angio) are required to **HOLD medication on day of procedure and for 48 hrs. after procedure.** For a diagnosis of Angio and Angio/Embo, patients will be on alternative medication (APN to discuss alternative plan with primary care physician and med. clearance required).
 8. All imaging (CT, MRI, Angio) done within UH is located in PACS system and all outside films reviewed by MD are located in DOC (CP: outside films in office; CG: outside films in patients chart).
 9. Each patient's chart from Same Day Surgery received in the Angio Suite should include a packet which contains the patient's: completed History and Physical form, blood work results, EKG and chest x-ray if required, CP or CGs most recent dictated office note or recent Neurosurgery Clinic note if a clinic patient, clearance(s) and additional testing (stress test, echo) if required, and report(s) of recent imaging (CT/MRI).
 10. Post-Dx. Angio and Angio/Embo, patients are educated to call MD's secretaries for a follow up visit approximately 2 weeks after angio completed (patient educated to avoid strenuous activity/exercise and heavy lifting >10 lbs for 2 weeks following all angio and post-angio/embo, patients may experience mild hair loss to targeted area of embolization).