

Extracorporeal Filtration of Subarachnoid Hemorrhage via Spinal Catheter Extension

Status: Recruiting

Eligibility Criteria

Sex: All

Age: 18 Years to 70 Years old

This study is NOT accepting healthy volunteers

Inclusion Criteria:

- Modified Fisher Grade 2, 3 or 4
- Hunt & Hess I-IV
- First aneurysmal SAH
- Patient is \geq 48 hours post bleeding event
- World Federation of Neurosurgeons (WFNS) Grades I-IV

Exclusion Criteria:

- Pregnancy
- Patients with a SAH due to mycotic aneurysm or AV malformation
- Patients who present with an acute MI or unstable angina
- Imaging demonstrates supratentorial mass lesions $>$ or $=$ 15 cc
- Imaging demonstrates $>$ or $=$ 2 mm of mid-line-shift associated with infarction and or edema
- Effacement of the basilar cisterns
- Vasospasm on admission as defined by angiographic evidence
- Patients with a coagulopathy that cannot be reversed
- Thrombocytopenia def. platelet count $<$ 100,000
- Patients on low molecular weight heparin such as Lovenox
- Non-communicating Obstructive hydrocephalus
- Existing hardware that prevents accurate CT imaging
- Pre-existing Lumbar Drain
- Local skin infections or eruptions over the puncture site
- Signs of CNS systemic infection, sepsis or pneumonia

Conditions & Interventions

Interventions:

Device: Neurapheresis System

Conditions:

Subarachnoid Hemorrhage

Keywords:

aneurysmal

More Information

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Phase: N/A

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