

Thunderclap Headache

Vessel Rupture

SAH

Causes

- *Aneurysmal rupture
- *Trauma
- *Thrombosis (venous sinus or cortical vein)
- *RCVS

Vasospasm

RCVS

Causes

- *Drugs
 - Marijuana
 - Cocaine
 - Amphetamines
- *Meds
 - SSRIs
 - Pseudoephedrine (sympathomimetic property)
- *Postpartum period

Vessel Obstruction

Venous sinus thrombosis

Other

Primary headache syndromes
Pituitary apoplexy
Acute-angle closure glaucoma

Vessel Dissection

Cervical artery dissection

Causes

- *Head/neck trauma
- *Chiropractic manipulation
- *Collagen disorders
 - Ehlers-Danlos
 - Fibromuscular dysplasia

Vessel Leaking

PRES

Causes

- *Hypertensive emergency
- *Eclampsia
- *Immunosuppressive agents
 - Tacrolimus
 - Cyclosporine
- *Chemo
 - Bortezomib

