## 7th Iranian International Headache & 2nd joint Headache-Pain Congress

## Thunderclap headaches

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Thunder clap headache (TCH) is an extremely pain full Headache that comes on suddenly. This type of headache reaches its most severity of pain within about one minute and last at list 5 minutes and begin with any warming.

Some TCH have no known causes and others because of a problem in the brain, like rapture of blood vessels (aneurysm, AVM and ....), cerebral vein Thrombosis – vasculitis, sudden sever rise of blood pressure, cerebral vessels spasm, pituitary gland apoplexy and migraine.

The mine symptom of TCH is severe pain with or without nausea -vomiting, confusion – numbness, weakness, seizure or change in vision. Risk factors for TCH are high blood presser, weak blood vessels wall, hyper coagulopathy state, heavy exercise, migraine, pituitary gland adenoma and drug consumption.

Treatment of TCH depends on the cause. If TCH is associated with no known cause, treatment with medication for reduce pain is enough, but if TCH associated with a known etiology, specific treatment also needed.

Prognosis for TCH depend on the specific cause. TCH with not known etiology are not dangers and has a good prognosis but in some cases with vessel etiology TCH can be fatal without prompt treatment (rupture AVM – Aneurysm CVT...).