

If Treatment Fails

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Why Treatment Fails

- Diagnosis incorrect or incomplete
- Exacerbating factors missed
- Co-existent medical or psychiatric disorders
- Treatment inadequate

Persistent Headache Post-Treatment

- Complication of the CSF leak
 - Persistent Leak
 - Reset hydrostatic indifferent point
 - Central sensitization/Exacerbation of pre-existing headache disorder
- Complication of Treatment
 - Rebound Hypertension

Persistent Headache Post-Treatment

Exacerbating Factors Missed

- Acute medication overuse (including OTC)
- Caffeine overuse
- Sleep deprivation
- Psychosocial factors
- Other medications that trigger headaches

Persistent Headache Post-Treatment

Two Headache Disorders Present

- POTS
- Migraine
- Medication overuse headache
- Idiopathic intracranial hypertension

Persistent Headache Post-Treatment

Treatment Inadequate

- Persistent (occult?) leak
- Reset Hydrostatic indifferent point
- Capacious dural sack
- CNS sensitization
- Rebound intracranial hypertension