# Barriers to implementing an optimal treatment plan in idiopathic intracranial hypertension 

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## Objective: We present a case of

 IIH that demonstrates the complexity of implementing the recommended treatment plan.- idiopathic intracranial hypertension (IIH): a pathology of unknown cause characterized by high pressure within the skull
- Risk factors: female, overweight or obese, reproductive age ${ }^{1,2}$


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- Symptoms: frequent severe headaches, peripheral vision loss, \& temporary visual disturbances
- Management:
$\square$ weight loss
$\square$ carbonic anhydrase inhibitors (acetazolamide, topiramate, methazolamide)
$\square$ furosemide


## Methods

Retrospective chart review of a single case of idiopathic intracranial hypertension in Regina,SK


Case

21-year-old obese female with 5-month history of transient visual blurring and complete bilateral vision loss lasting several seconds upon waking each morning

- chronic daily headache with occasional tinnitus

- optic nerve edema, papilledema bilaterally, normal extraocular movements
- flame hemorrhages superonasally and inferotemporally
- Humphrey visual field testing: bilateral scattered scotomas

- Lumbar puncture: 34 cmH 2 O opening pressure; normal CSF composition
- MRI/ MRV: fluid-filled, dilated optic nerve sheaths, stenoses of transverse sinuses
- Final diagnosis: idiopathic intracranial hypertension

Treatment Course over Time

