

	Introduction	Results
•	Refractory intracranial hypertension is	Table 1
•	strongly associated with mortality Current guidelines include the use of	Patient '
	sedation, hyperosmotic agents,	Patient 2
	barbiturates, hypothermia, paralytics, and surgical intervention	Patient 3
Ð	We describe a novel intervention of	Patient 4
	verticalization, using an upright, standing bed, for lowering refractory	Patient :
	intracranial hypertension	Patient 6

## Methods

Ð	Single center retrospective review of 6 cases of
	refractory intracranial hypertension in a tertiary
	center
_	All nationts traated with maximal standard of

- All patients treated with maximal standard-ofcare for lowering intracranial pressure (ICP), measured by Therapy Intensity Level (TIL) score with persistent ICP >20mmHg
- Treated with verticalization for at least 24 hours
- Compared hourly ICP, number of ICP spikes >20mmHg, and percent ICP >20mmHg 24h prior vs. 24h post-verticalization
- Compared number of interventions for ICP pre vs post verticalization
- Compared total TIL score pre vs post verticalization

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## Get Up, Stand Up: Pushing the Limits of Medical Management for ICP

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Age	Diagnosis	Severity		Duration Standing (days
60	ICH	ICH 3	26	7
35	SAH	HH5 mF4	31	7
55	SAH	HH5 mF3	35	10
63	SAH	HH5 mF4	27	1
59	SAH	HH5 mF4	30	2
21	SAH	HH5 mF3	32	2



