

Hypertensive brainstem encephalopathy

- Spectrum of atypical PRES.
- While not entirely understood, the proposed mechanism is failure of cerebral autoregulation leading to hyperperfusion and vasogenic edema.
- Brainstem involvement in PRES is not unusual, and has been reported in 13% of patients with PRES.
- Clinically, 92% of patients with PRES have acutely elevated blood pressure (mean systolic greater than 200

- If, isolated brainstem findings,
- Initial differential on the CT included
 - Brainstem glioma
 - Osmotic demyelination
 - Brainstem infarct.

