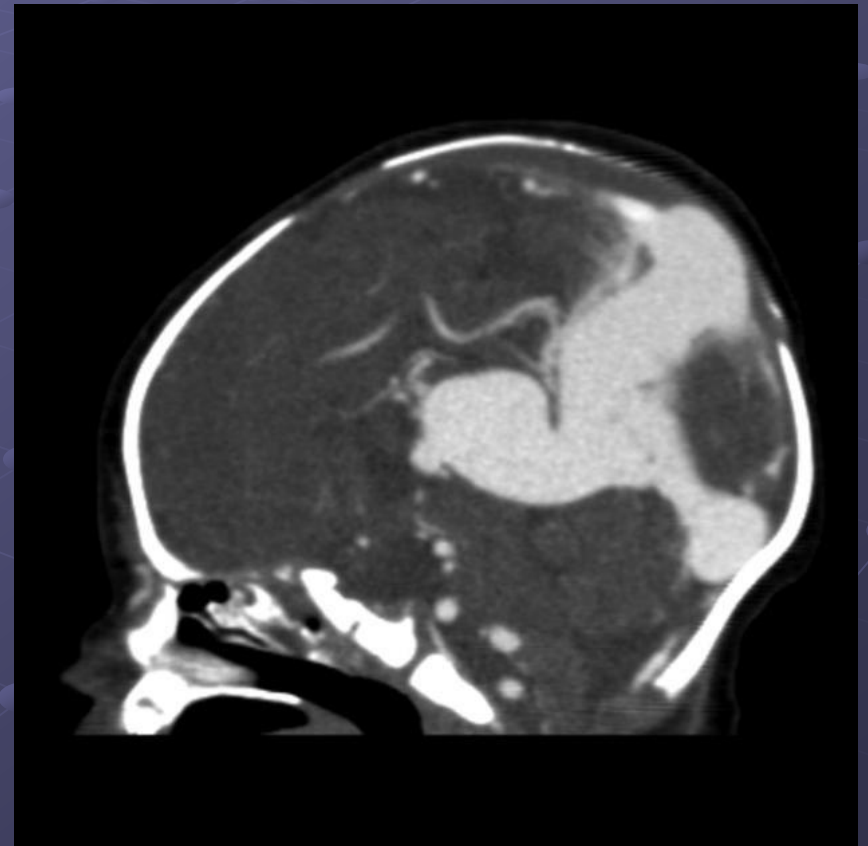
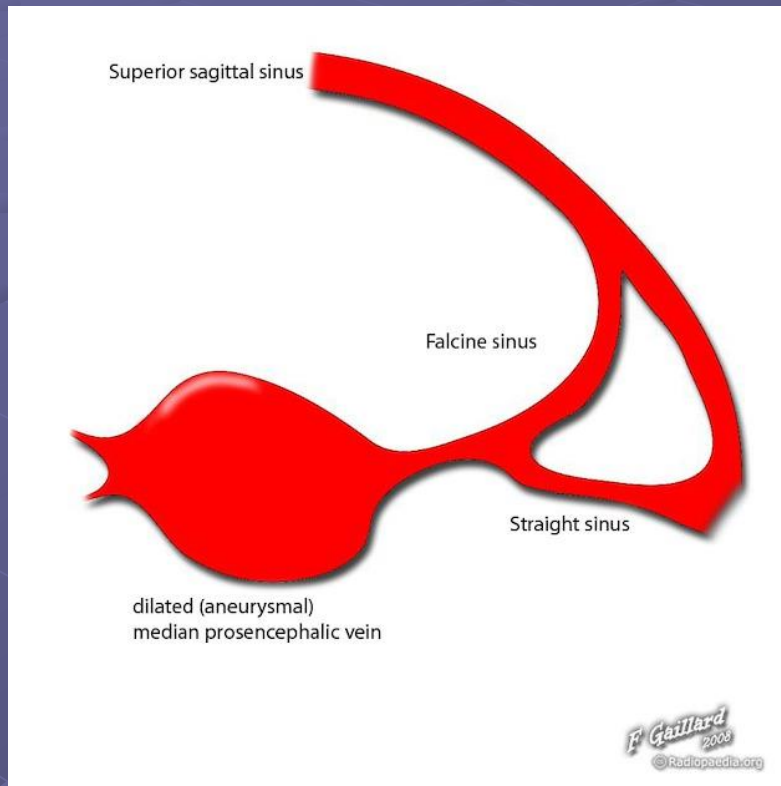


# Vein of Galen malformation



# Vein of Galen malformation

- Malformation is due to a cerebral arteriovenous fistula of the median prosencephalic vein (MPV) (a precursor of the vein of Galen) occurring at 6-11 weeks gestation.
- The MPV fails to regress and becomes aneurysmal. It drains via the straight sinus (present only in 50%) or a persistent falcine sinus and the vein of Galen does not form.
- Hemodynamically cerebral arteriovenous fistula involving vein of Galen can be subdivided into two groups:
  - True VGAMs
  - Vein of Galen dilatation secondary to high flow parenchymal AVMs draining into this vessel