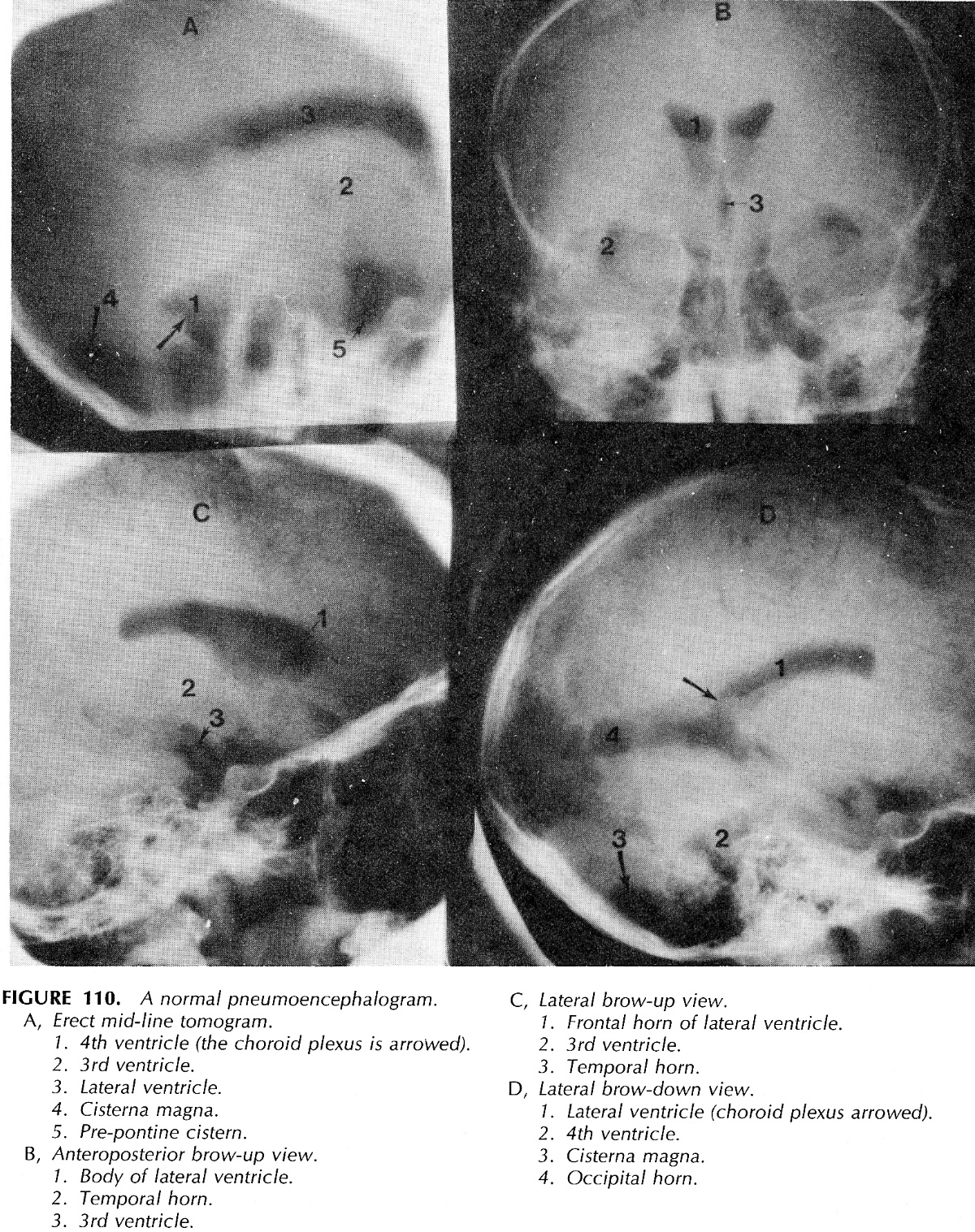
Pneumoencephalog­raphy

Last updated: June 3, 2019

– X-ray visualization of ***subarachnoid spaces*** and ***ventricles*** by use of gas (such as air) contrast – obsolete neuroimaging technique!

* described by Walter Dandy in 1918.
* air is injected via:
  1. lumbar puncture
  2. ventricular puncture
* patient position is manipulated to accomplish air movement.



Bibliography for ch. “Diagnostics” → follow this [link >>](http://www.neurosurgeryresident.net/D.%20Diagnostics/D.%20Bibliography.pdf)

[Viktor’s Notes℠ for the Neurosurgery Resident](http://www.neurosurgeryresident.net/)

[Please visit website at www.NeurosurgeryResident.net](http://www.neurosurgeryresident.net)