Meninges

Last updated: April 20, 2019

Arachnoid

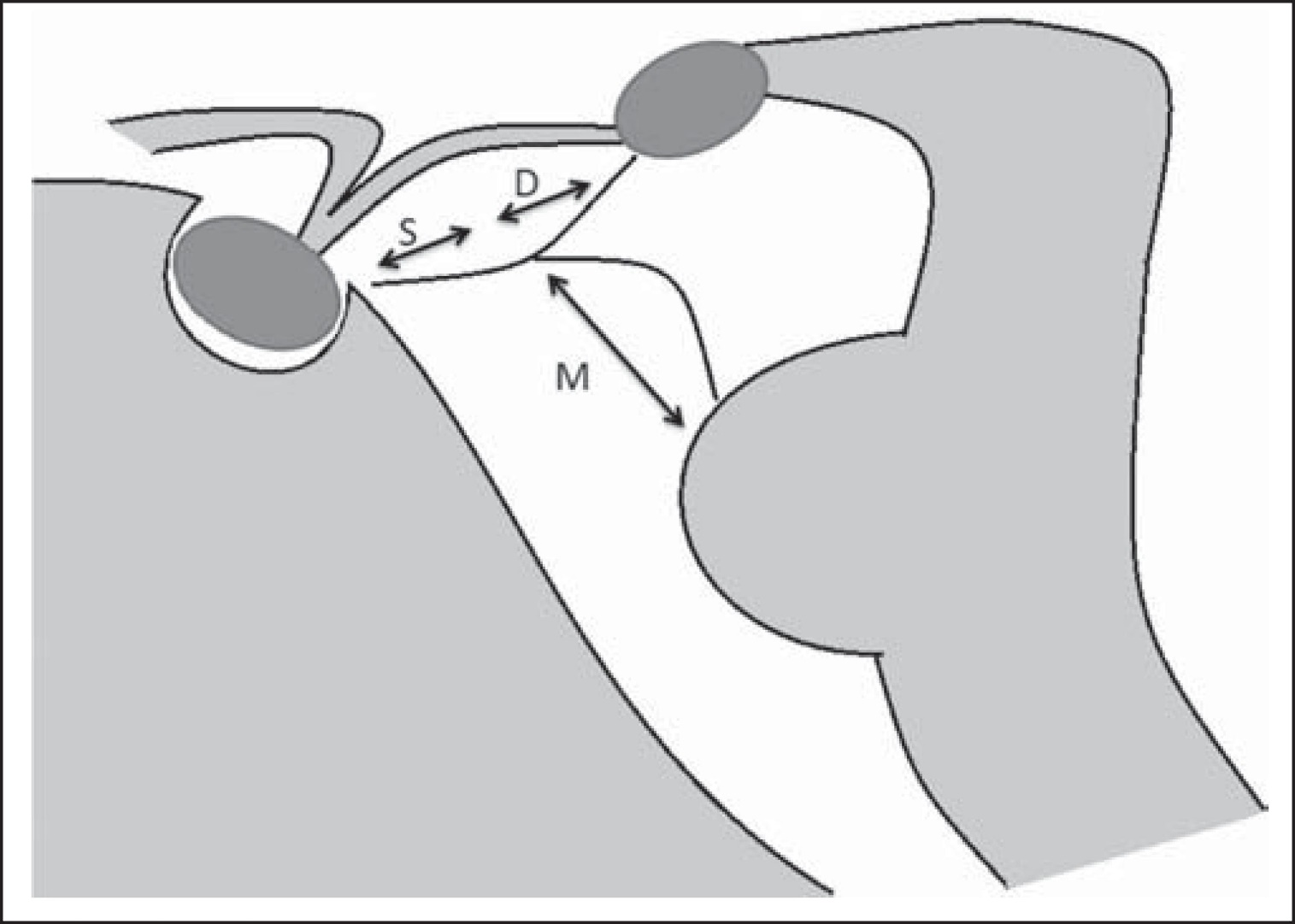
Liliequist membrane

- arachnoid membrane.

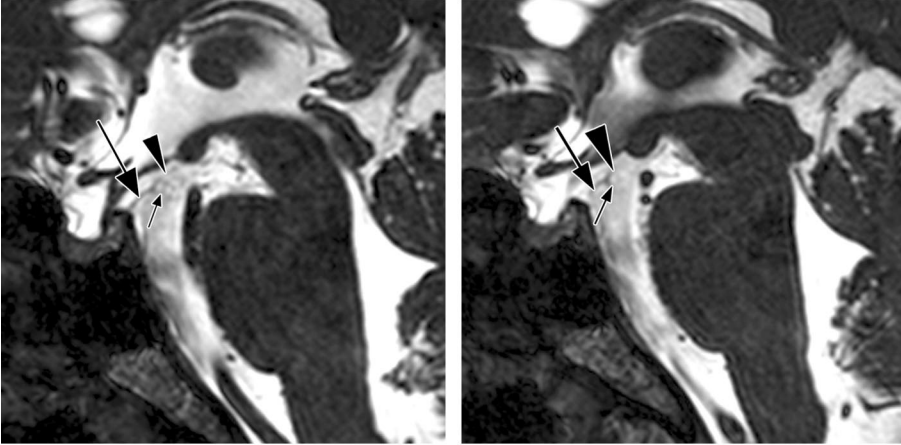
* attachments: from diaphragma sellae to anterior edge of mammillary body and laterally attached to CN III.
* separates three cisterns:

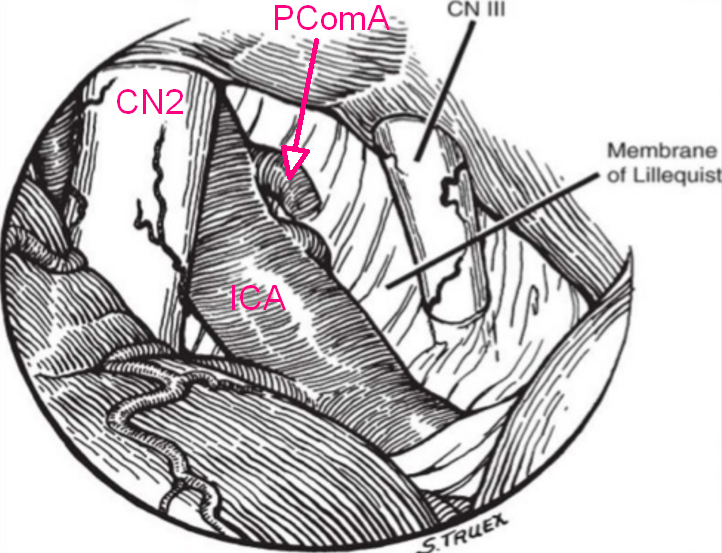
1. chiasmatic cistern – LM forms floor for this cistern
2. perimesencephalic (interpeduncular) cistern – LM forms “curtain” for this cistern
3. prepontine cistern – LM forms roof for this cistern

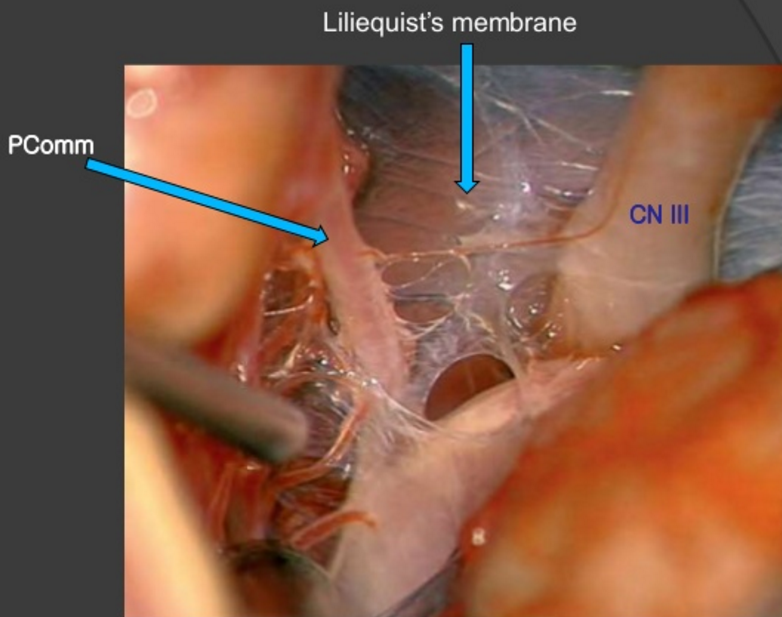
* LM separates supratentorial and infratentorial CSF compartments.
* very thin - not routinely visualized in imaging studies (can be visualized on MRI CISS heavily T2 weighted 3D sequences).
* described by Key and Retzius in 1875, but rediscovered by Liliequist in 1956 in his pneumoencephalographic studies of cadavers.



D - diencephalic segment, M - mesencephalic segment, S - sellar segment.







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

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