

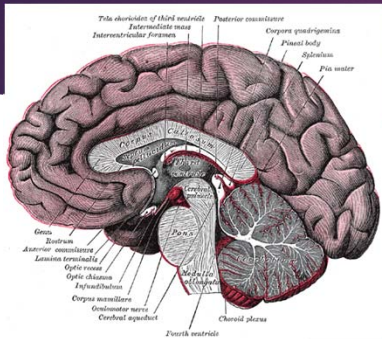


Measuring Intra- Abdominal Pressure

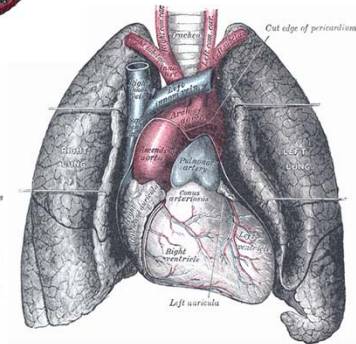
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Anatomic Compartments



► Cranium



► Chest

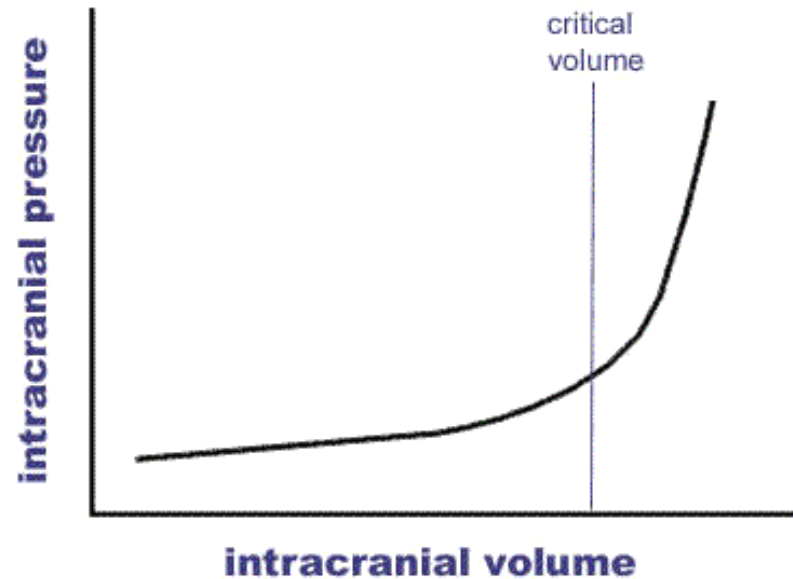
► Pericardium



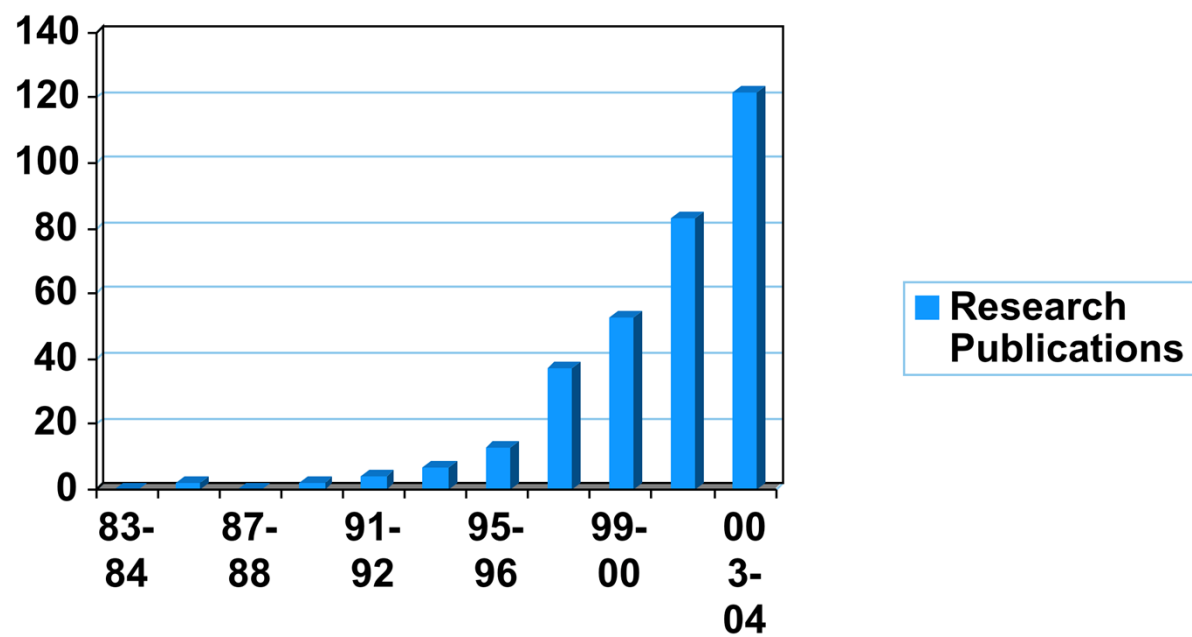
► Limbs

Monroe-Kellie Doctrine

- At a critical volume pressure rises dramatically with any additional edema.
- This pressure rise leads to reduced perfusion pressure and reduced blood flow



ACS Literature: Publication explosion

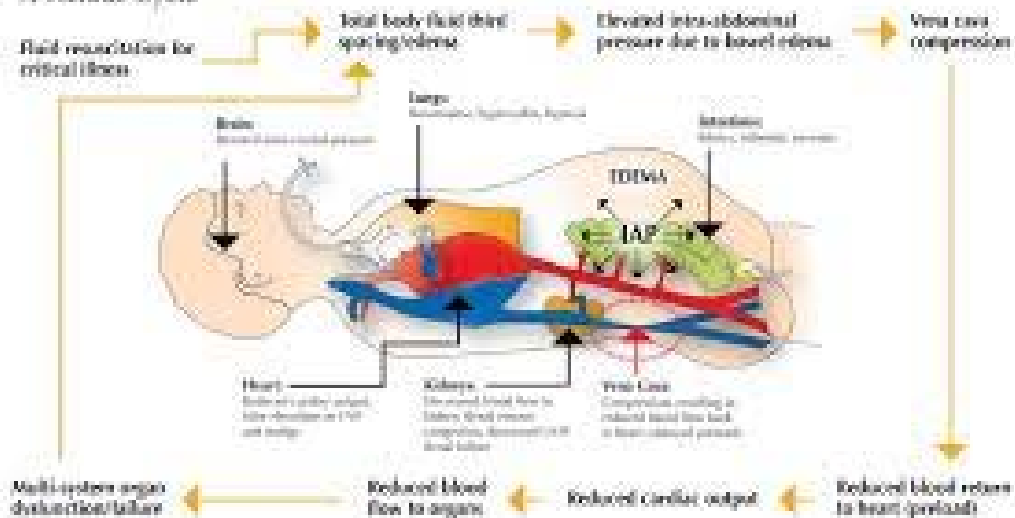




The Problem

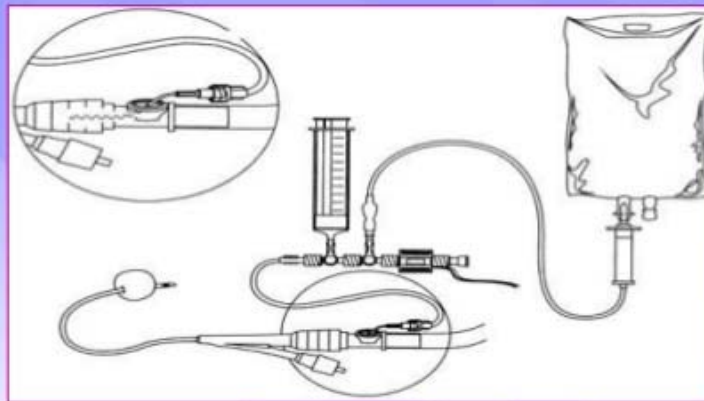
What Happens to the Body's Organs?

A Vicious Cycle



Old Widget

Closed system for intravesical pressure



- Originally described by Kron & coworkers in 1984
- Modified by Iberti & coworkers in 1987, Cheetham in 1998
- Modified by Malbrain in 2004 as a complete closed system

AbViser Intra-Abdominal Pressure Monitoring Kit Better Widget

Closed system in-line
with the Foley catheter.

- ▶ Once attached it is left in place during entire time IAP is measured.
- ▶ 30 seconds to measure IAP
- ▶ Standardized measurement
- ▶ No reproducibility errors



AbViser AutoValve

AutoValve™ Valve in “Drain Mode”

