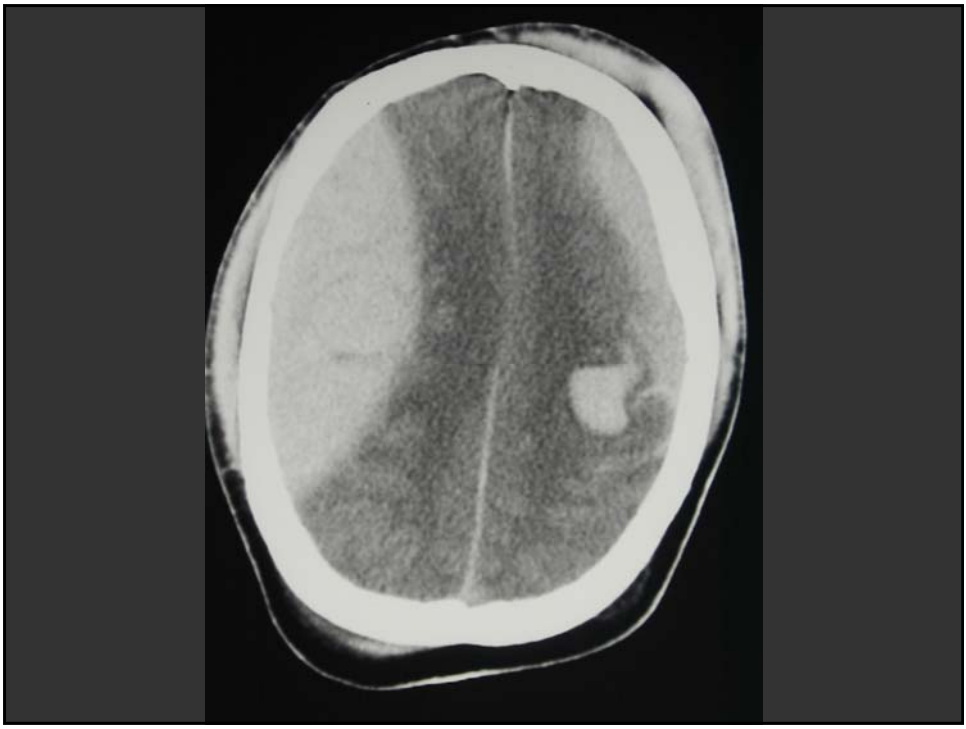
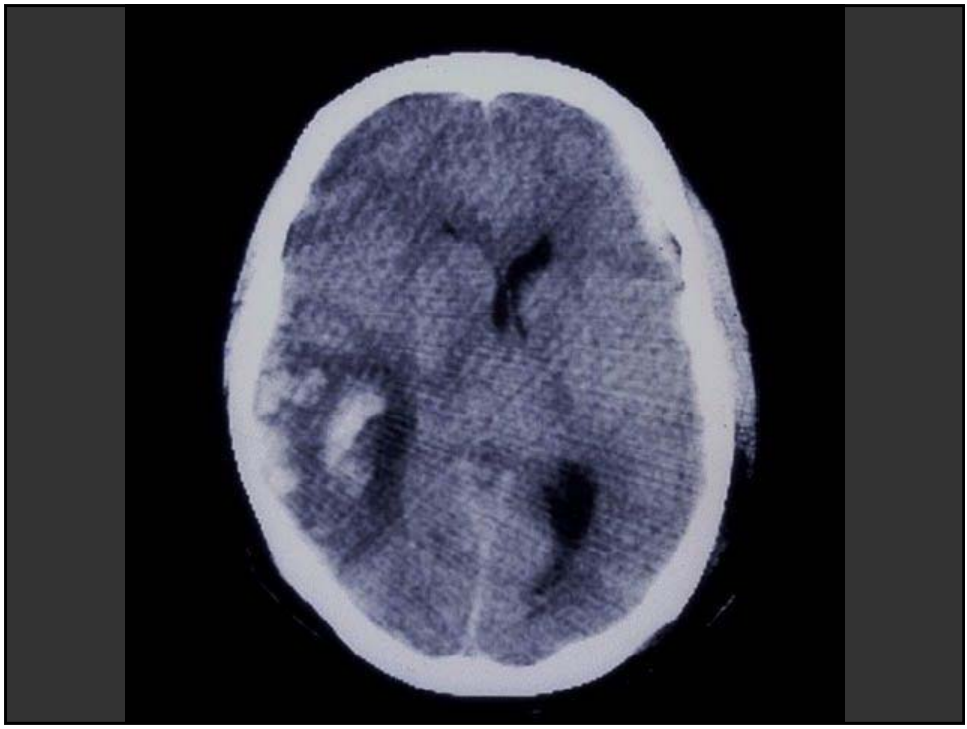
Clinical aspects of head trauma

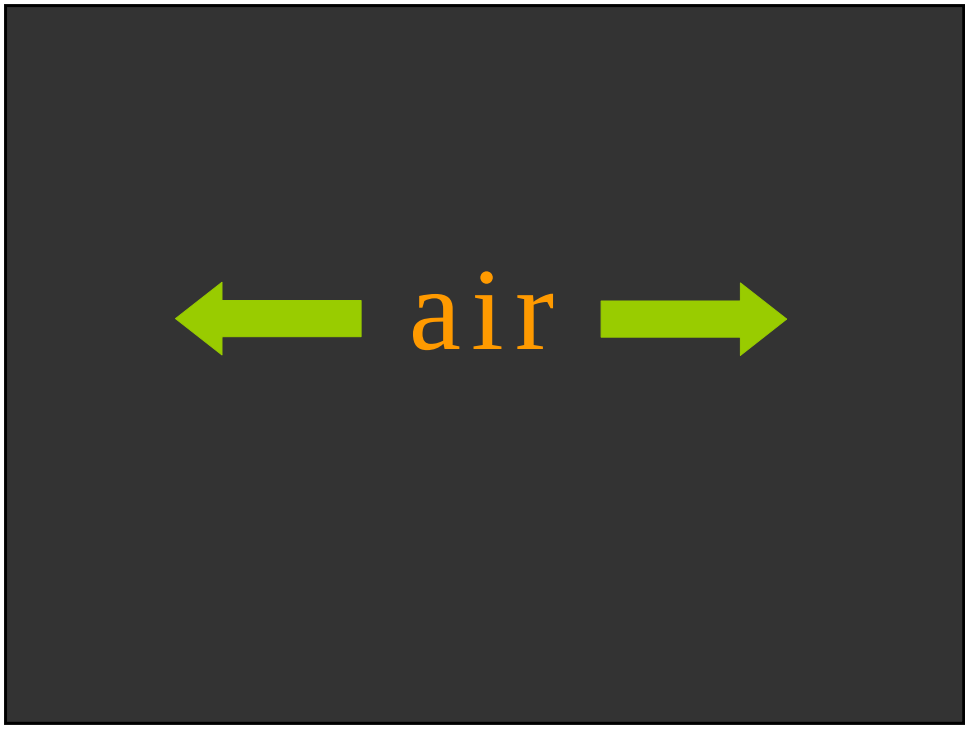
primary brain injury

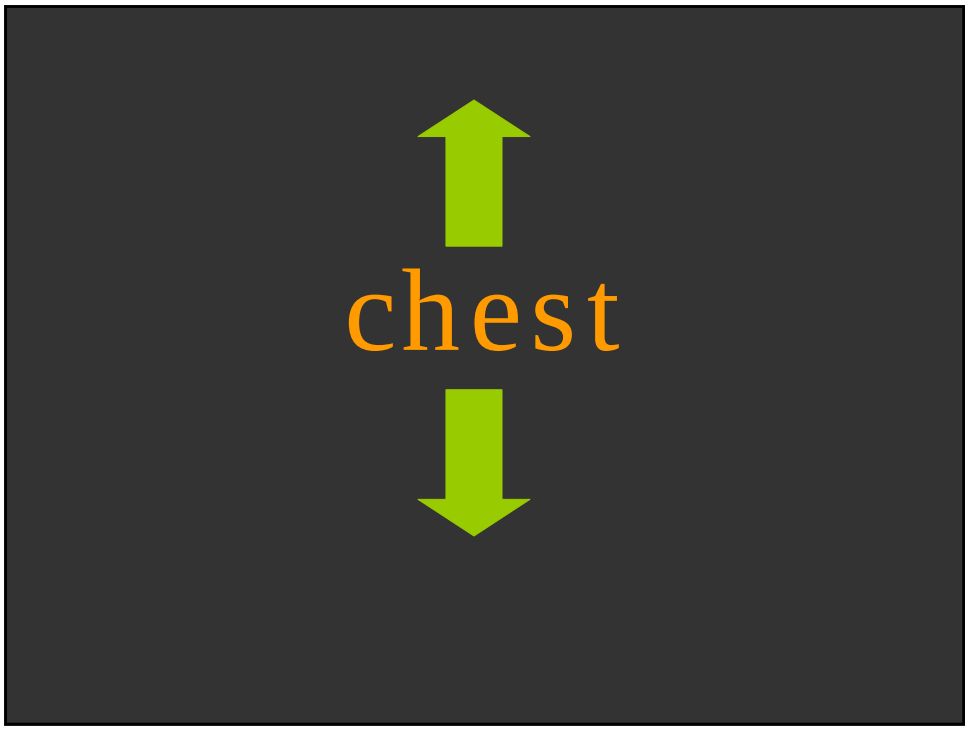


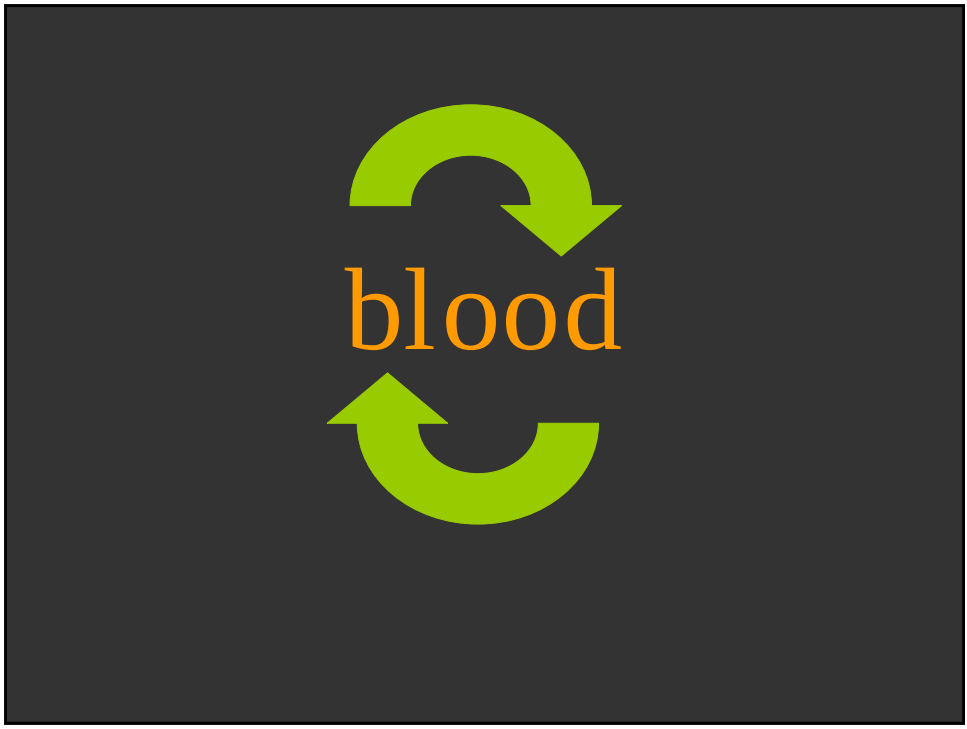
secondary brain injury

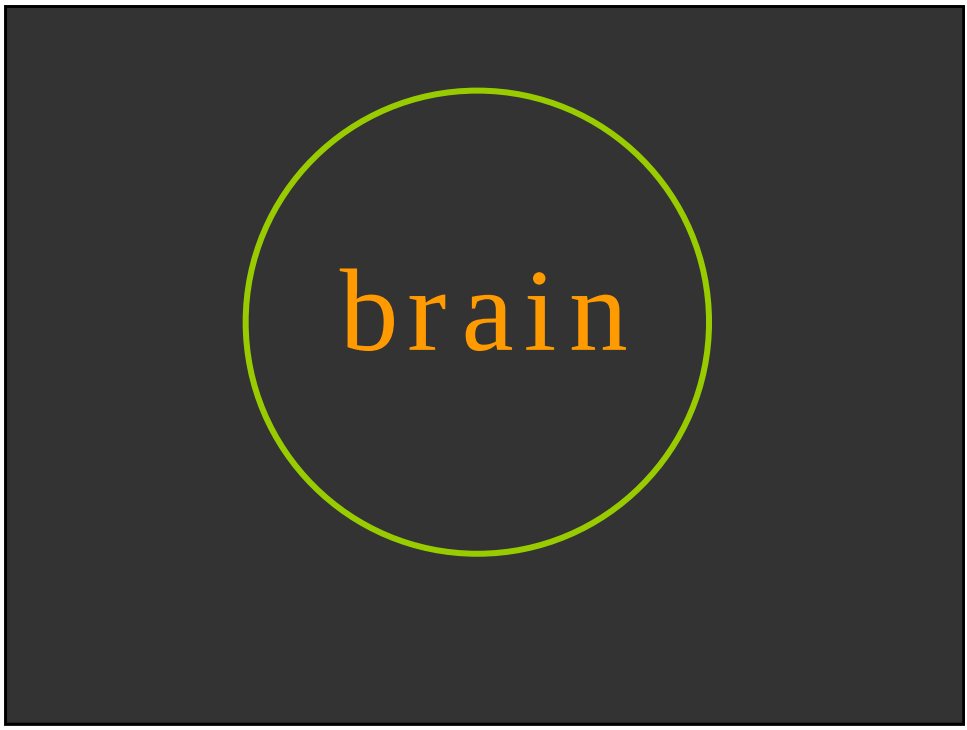


$O_2 \longrightarrow$ brain


air


chest

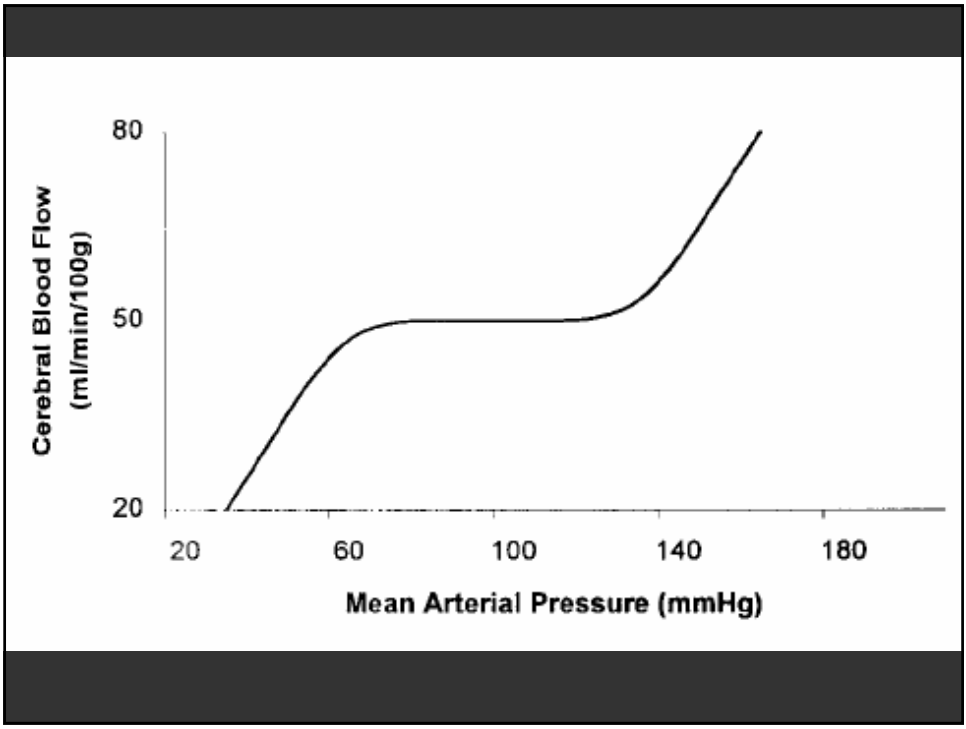

blood

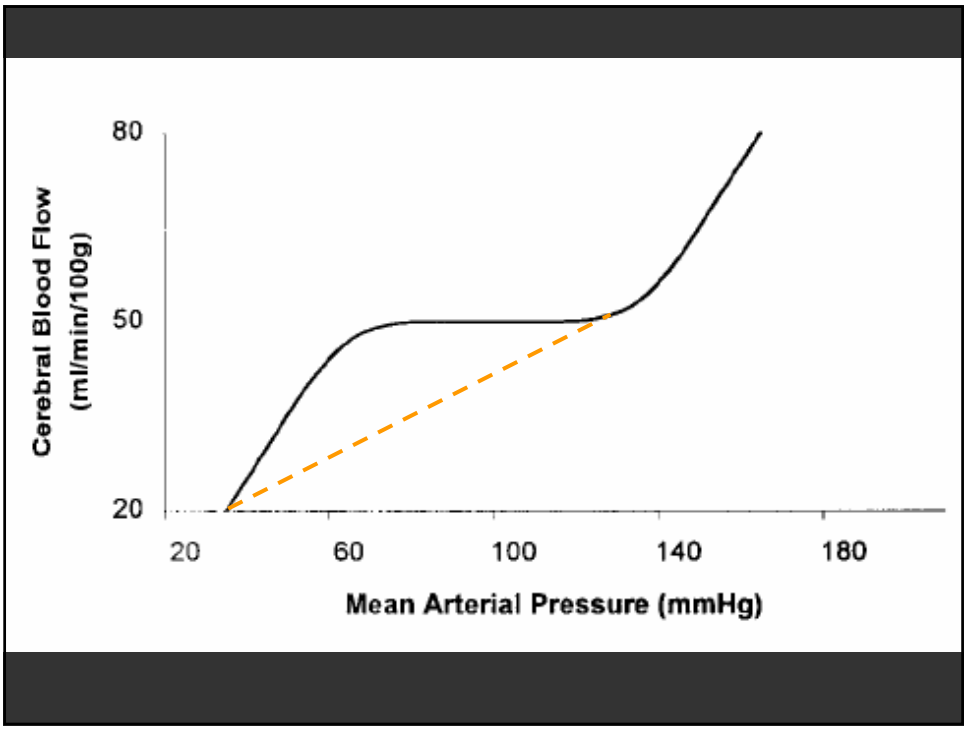

brain

oxygenation

perfusion


SIMPLA


Cerebral Blood Flow
(ml/min/100g)
80
50
20
20
60
100
140
180
Mean Arterial Pressure (mmHg)


Cerebral Blood Flow
(ml/min/100g)
80
50
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20
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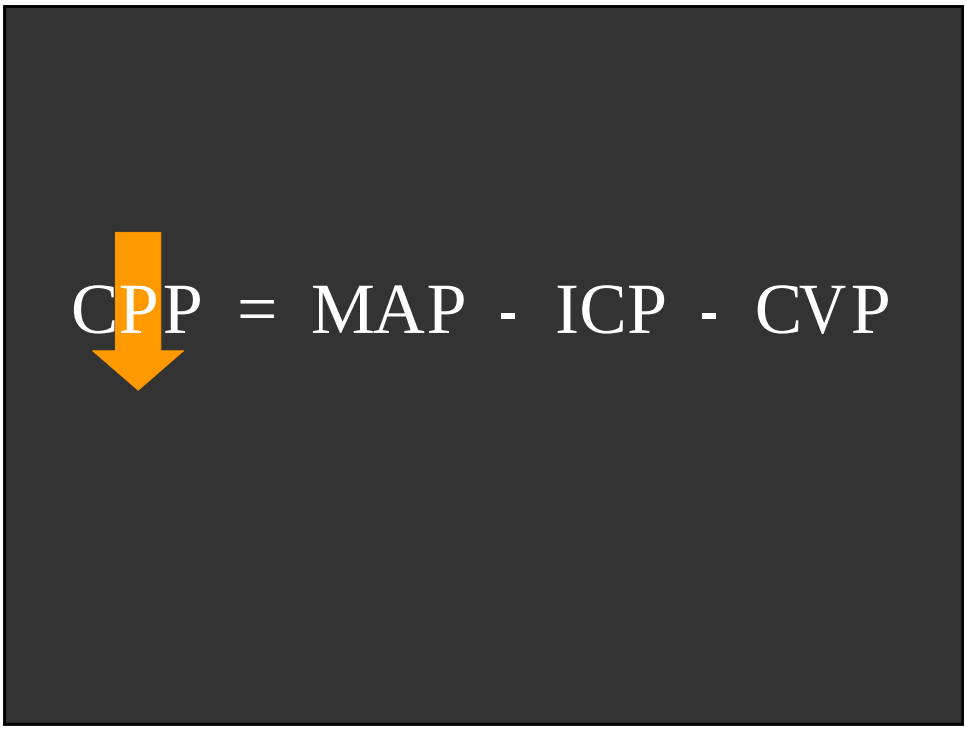
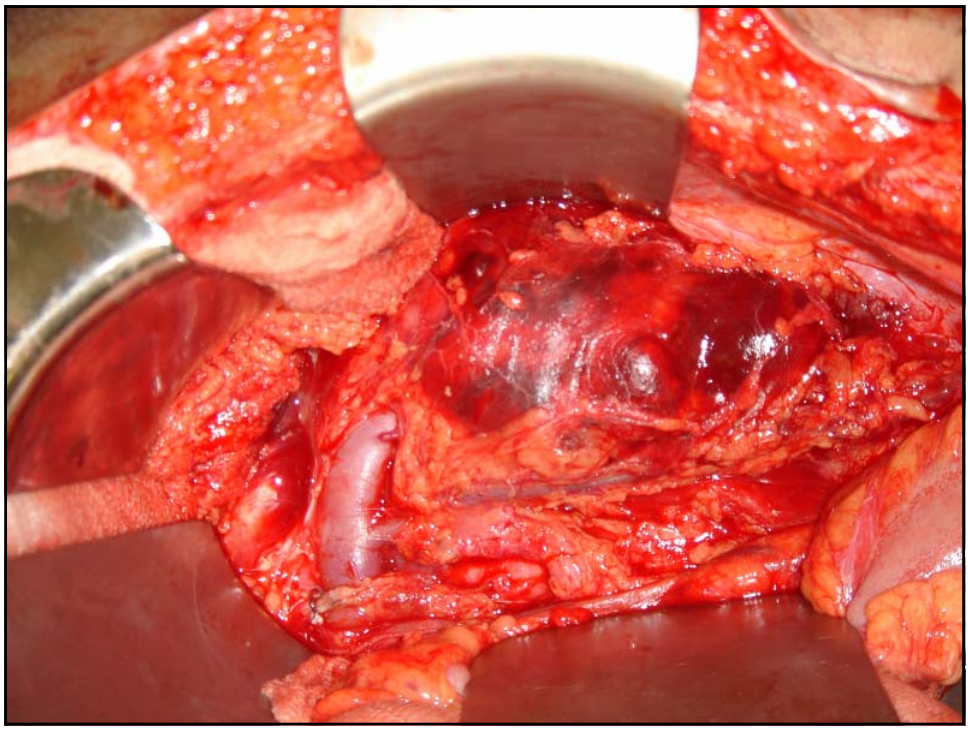
180
Mean Arterial Pressure (mmHg)

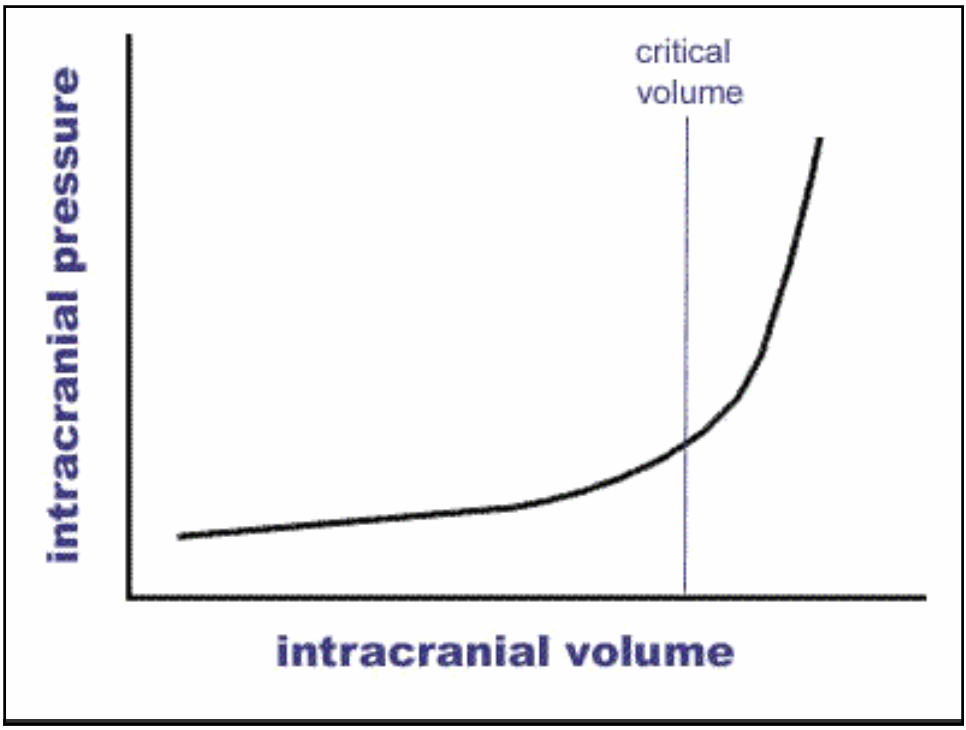
CPP = MAP - ICP - CVP

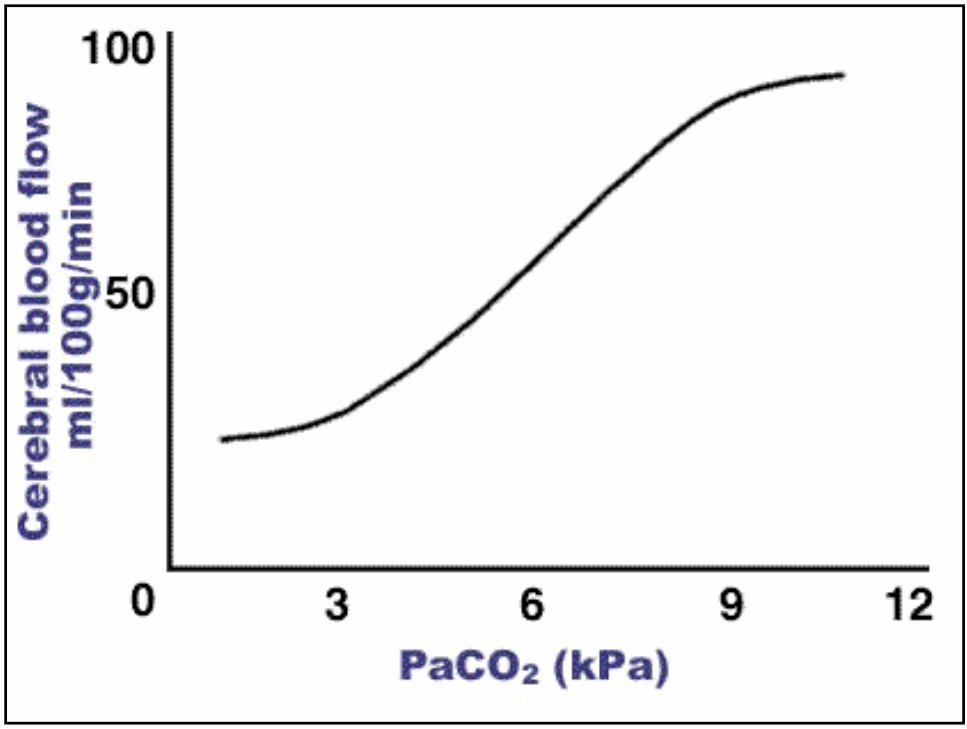


CPP = MAP - ICP - CVP



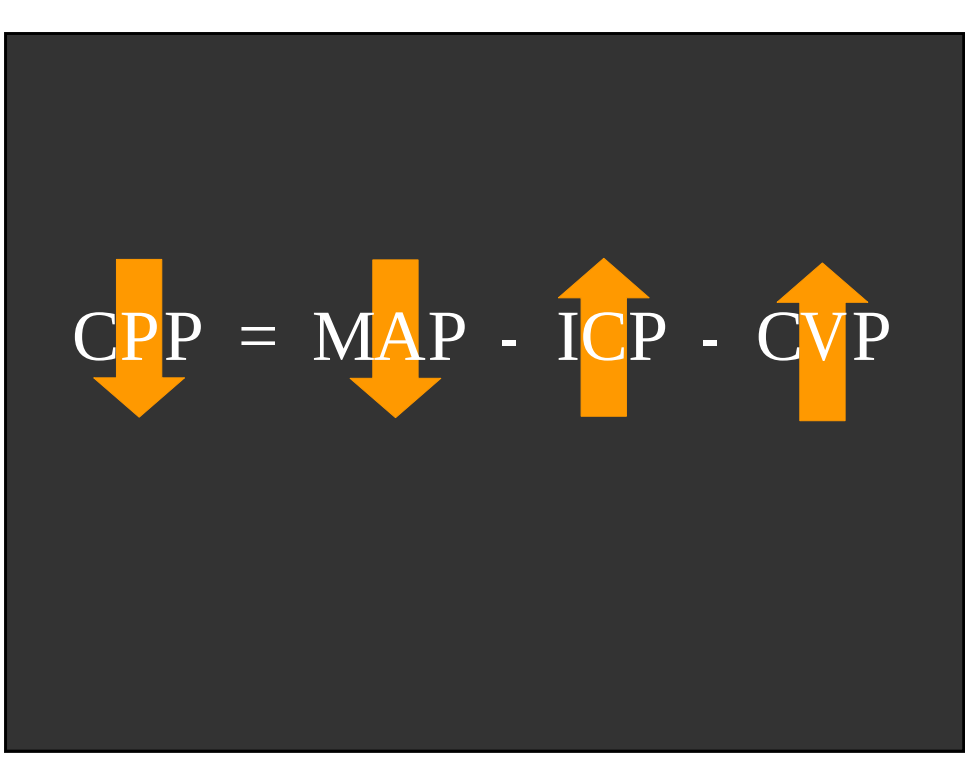
CPP = MAP - ICP - CVP





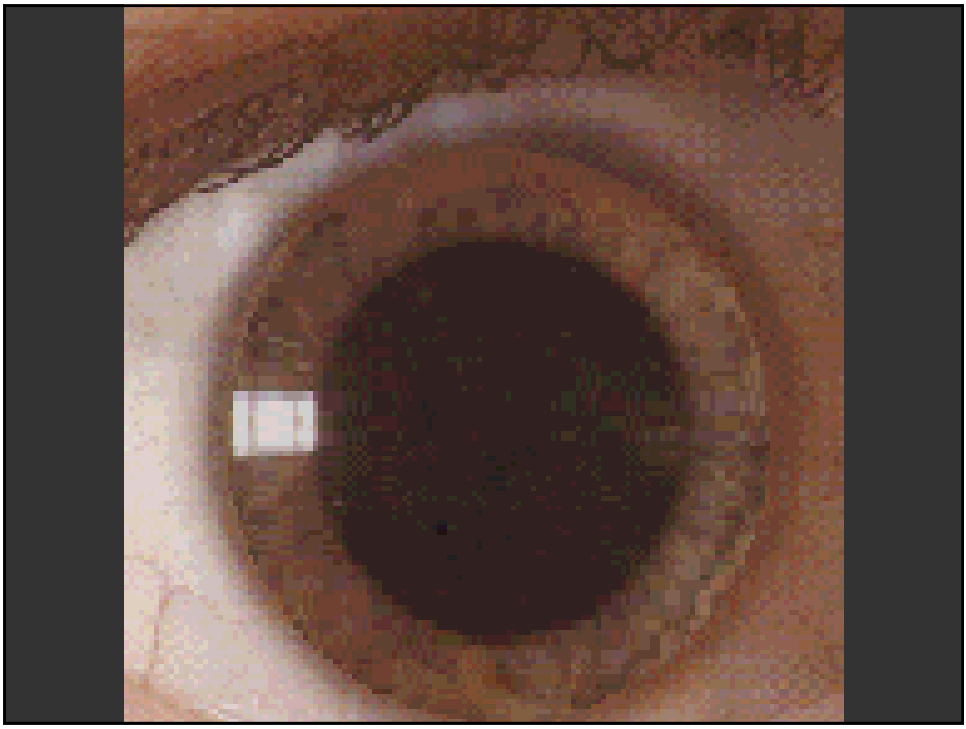
mannitol

hypertonic saline



clinical examination

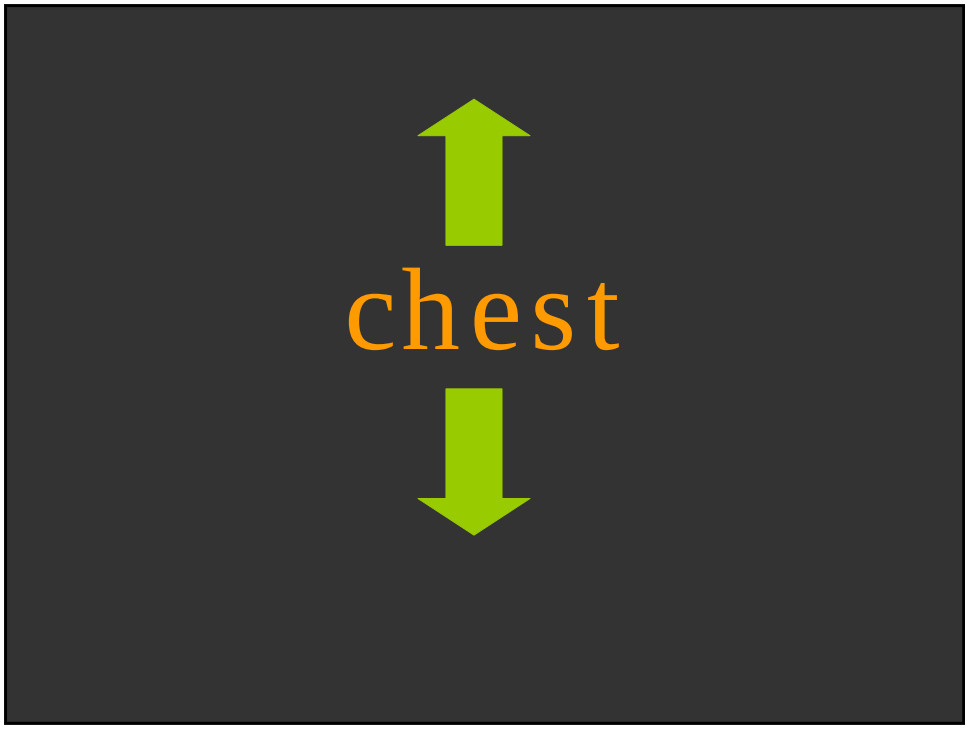
Glasgow Coma Scale

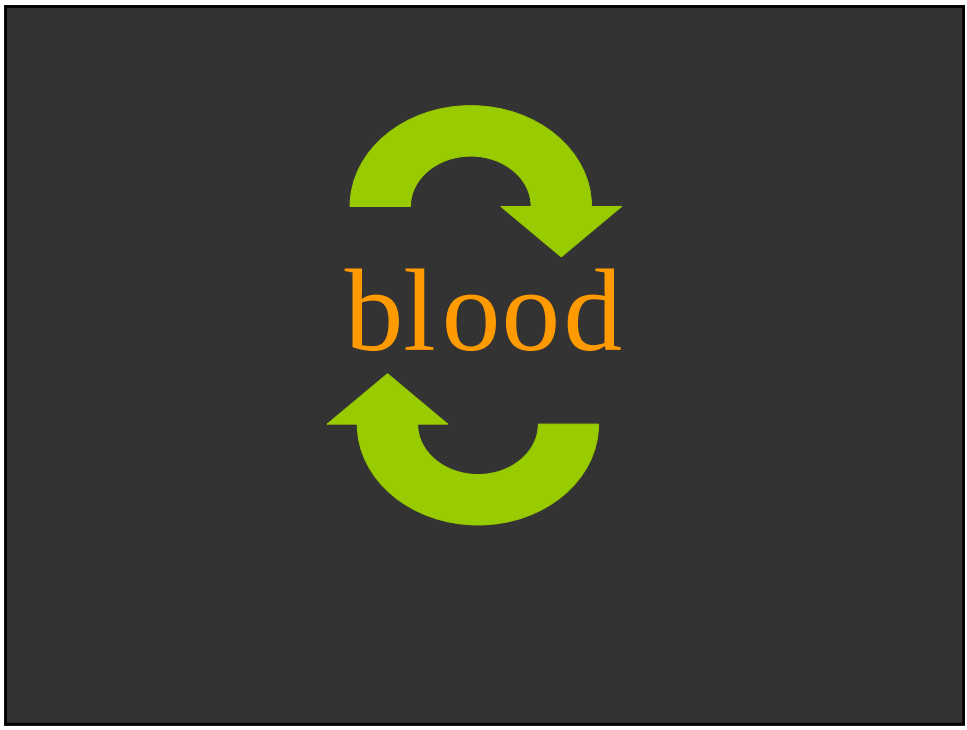


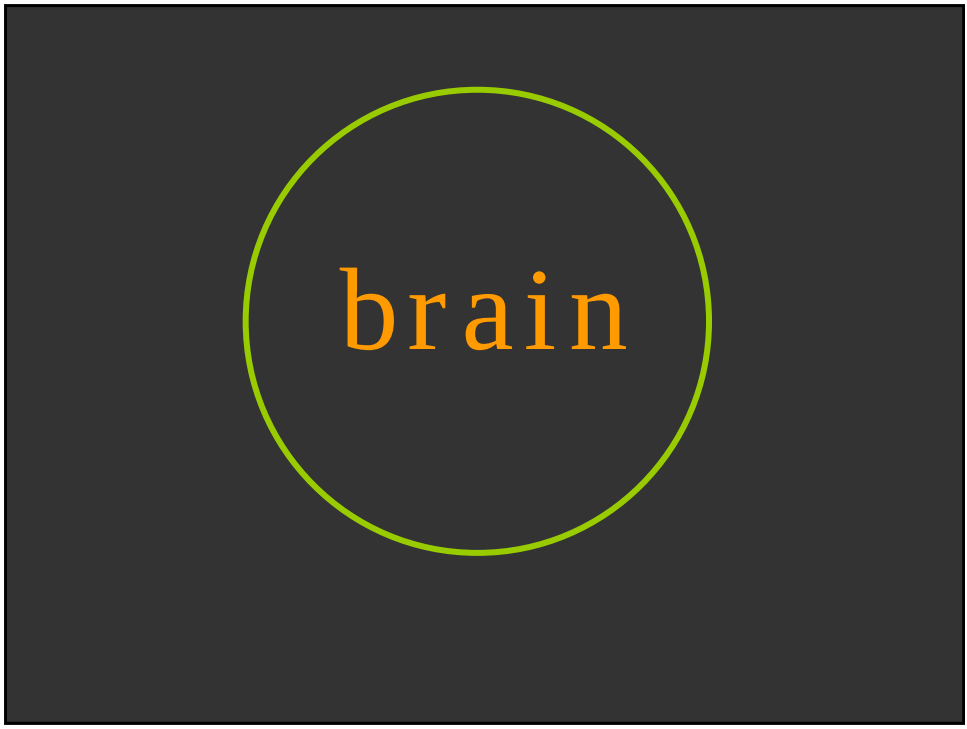

98
6MM
16M 96/
11:

Trauma team → CT

← air →


chest


blood



secondary brain injury