

DANNO CEREBRALE ACUTO in RIANIMAZIONE



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Rianimazione 1
A.O.U. Parma

Parma, Ordine dei Medici, 20/09/2016

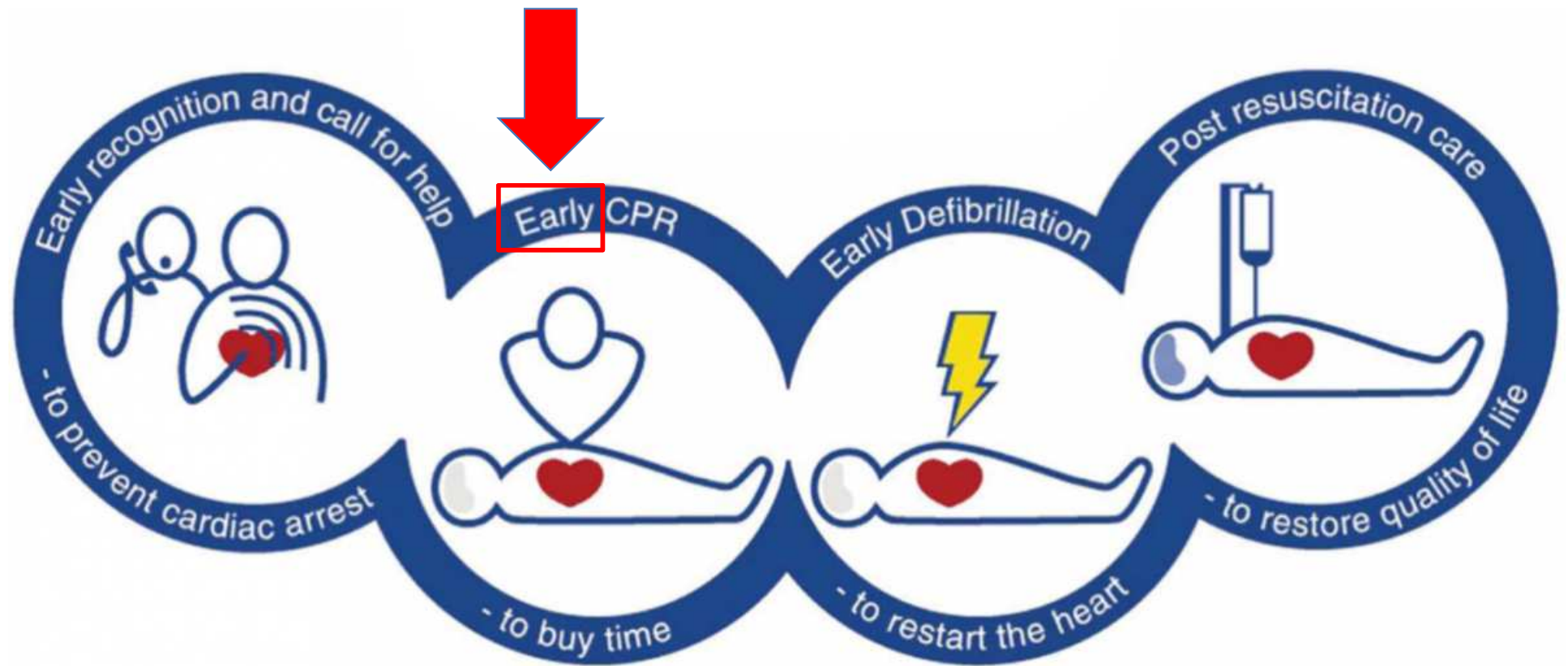


- trauma cranico
- emorragia subaracnoidea
- emorragia cerebrale intraparenchimale
- ictus ischemico acuto
- arresto cardiaco (prognosi neurologica)

danno cerebrale acuto



danno cerebrale acuto



1

- accesso alla terapia intensiva

**IL BUON SENSO C'ERA;
MA SE NE STAVA NASCOSTO,
PER PAURA DEL SENSO COMUNE.**

A. Manzoni, I promessi sposi, XXXII

2

- intervento ?



ematoma sottodurale acuto post-traumatico

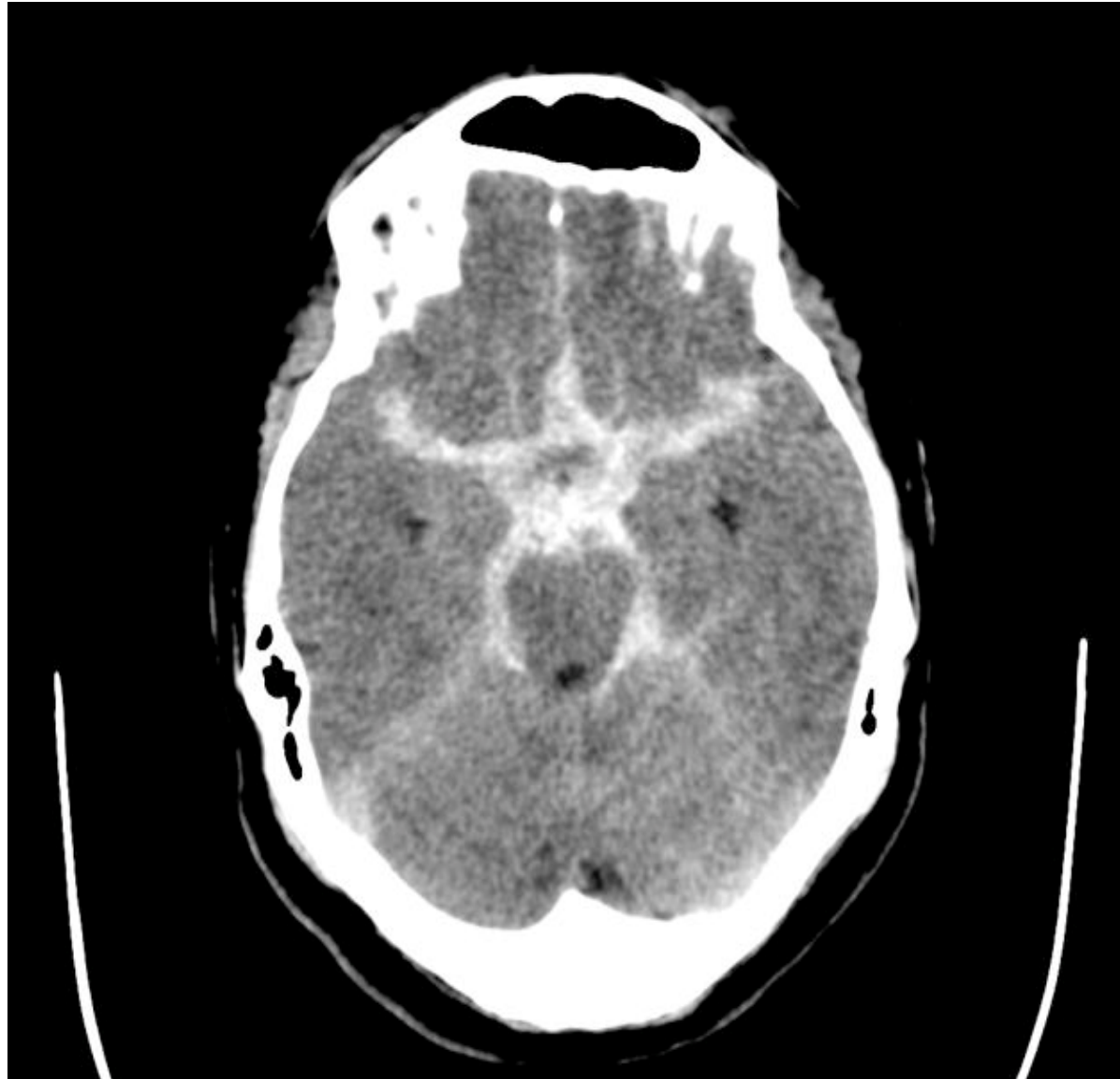


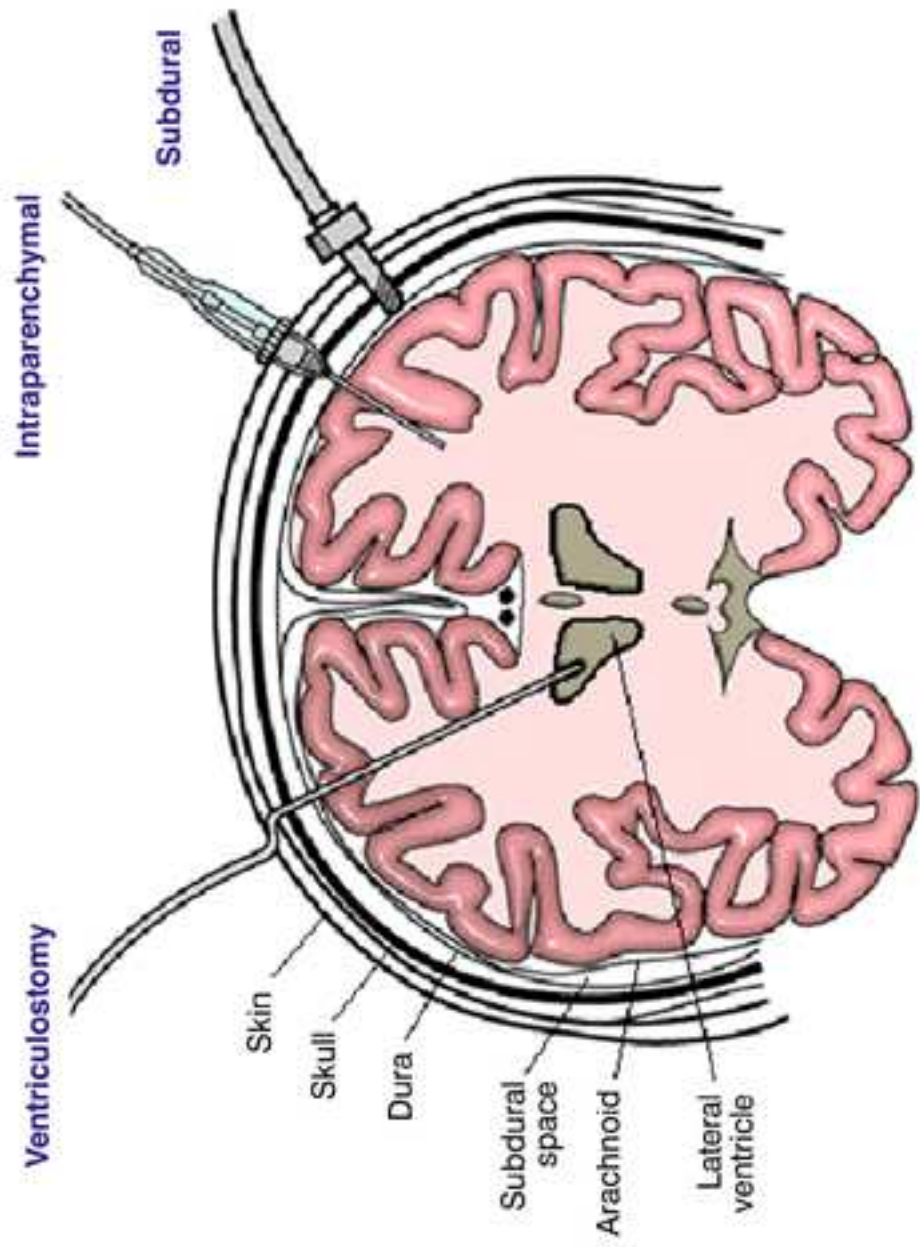
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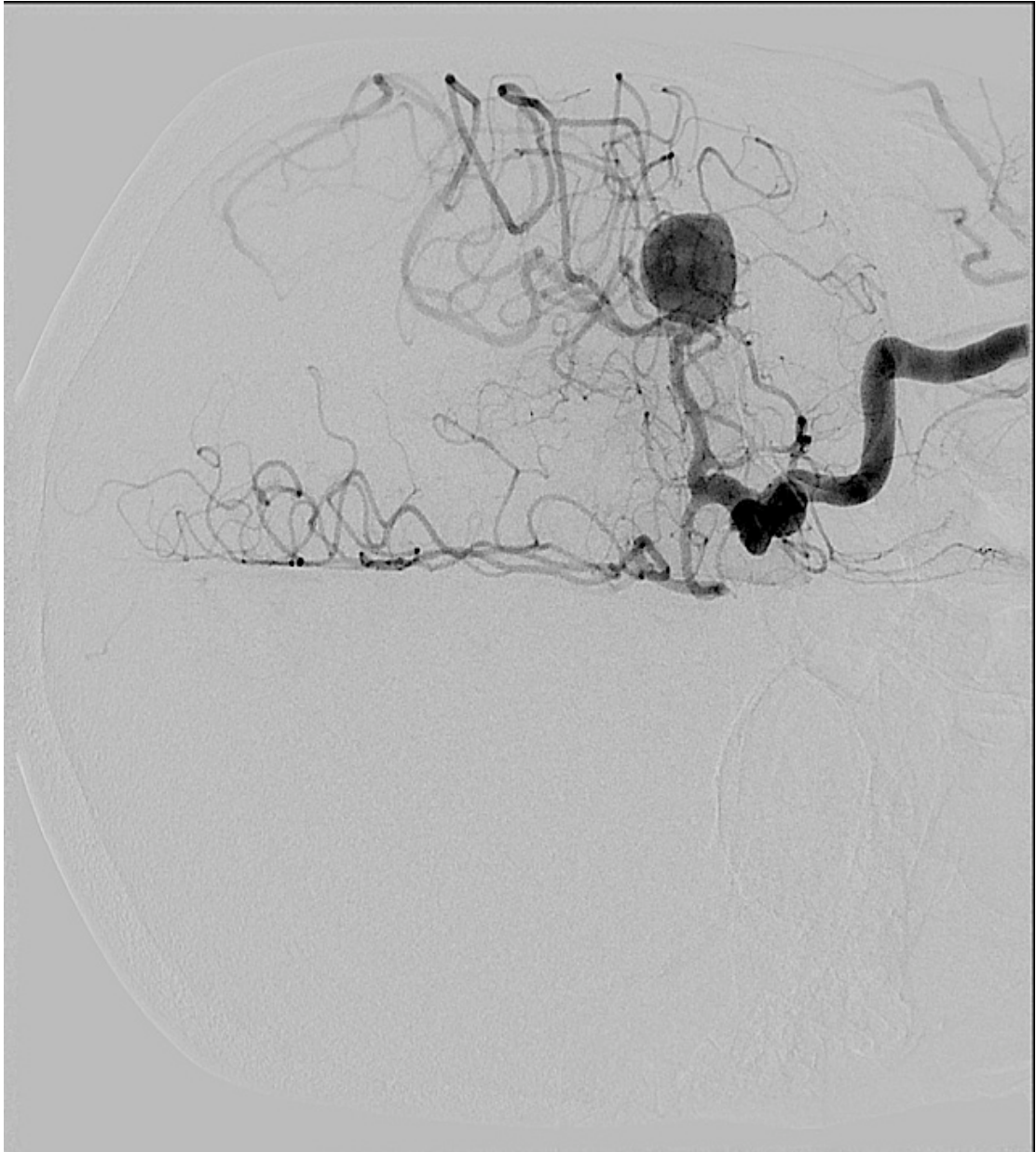


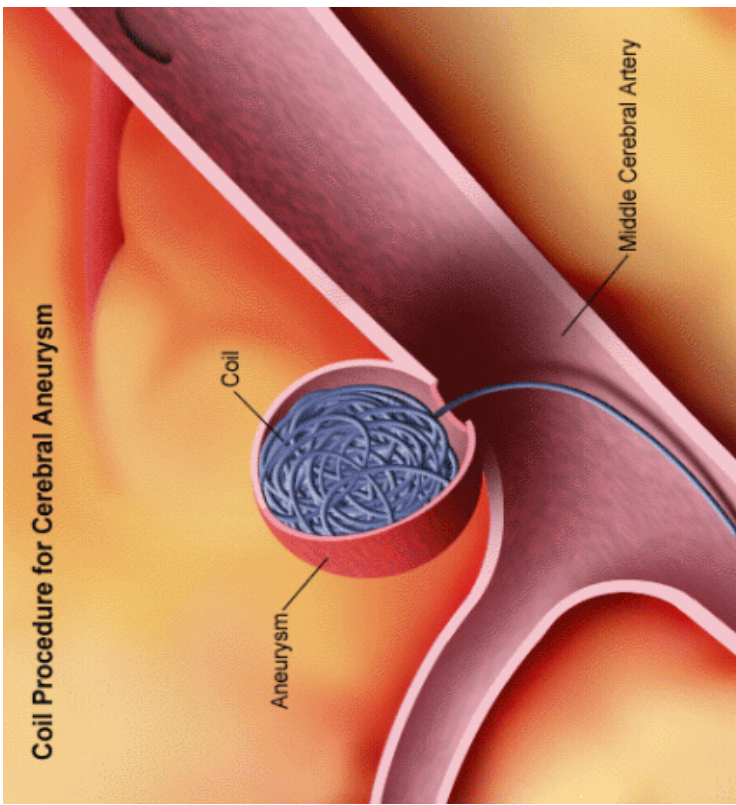
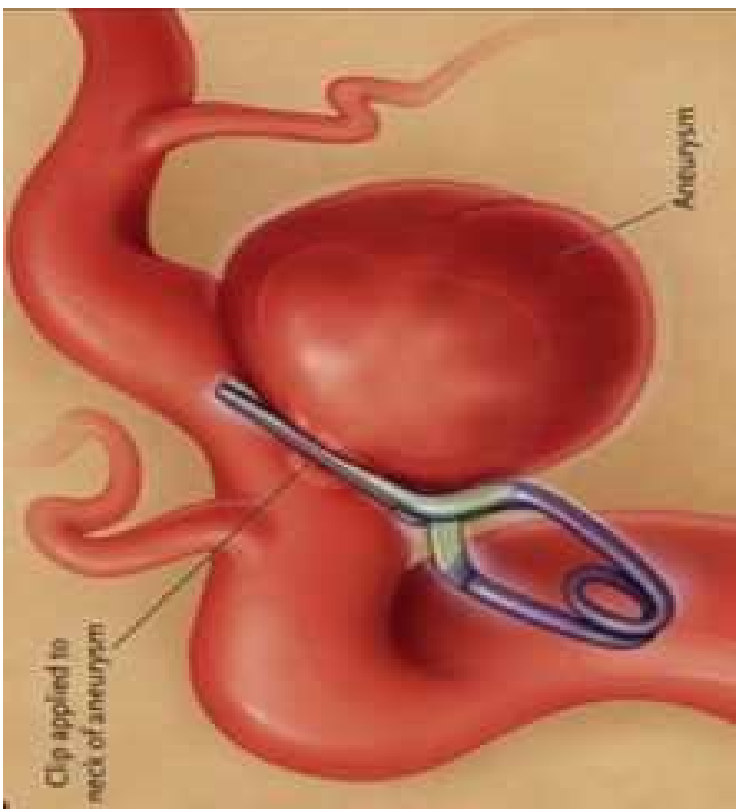
- terapia medica in attesa del chirurgo
(anamnesi farmacologica)

emorragia subaracnoidea









- evitare risanguinamento
- ecc.



emorragia cerebrale intraparenchimale



ictus ischemico acuto

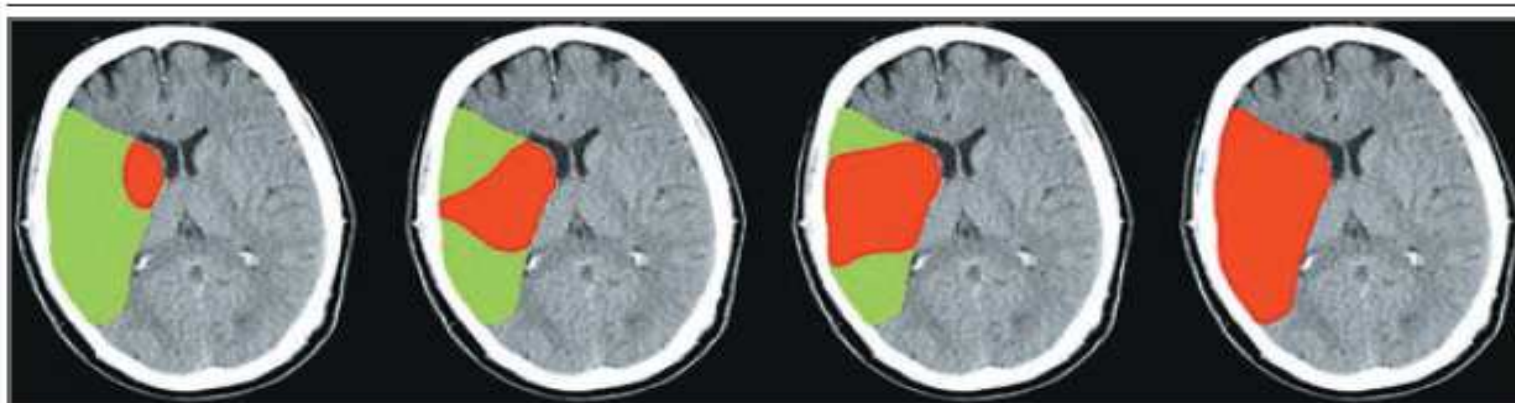
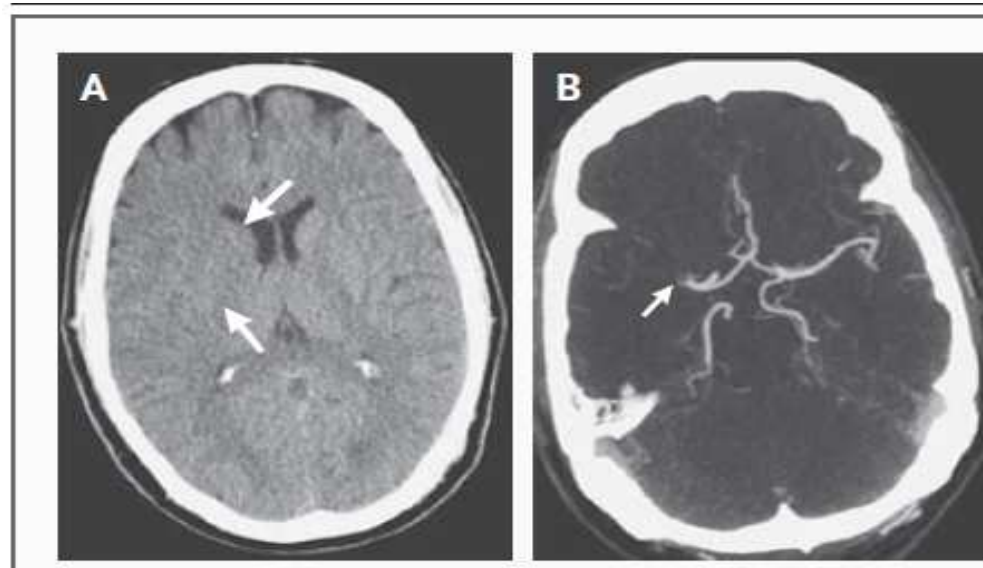
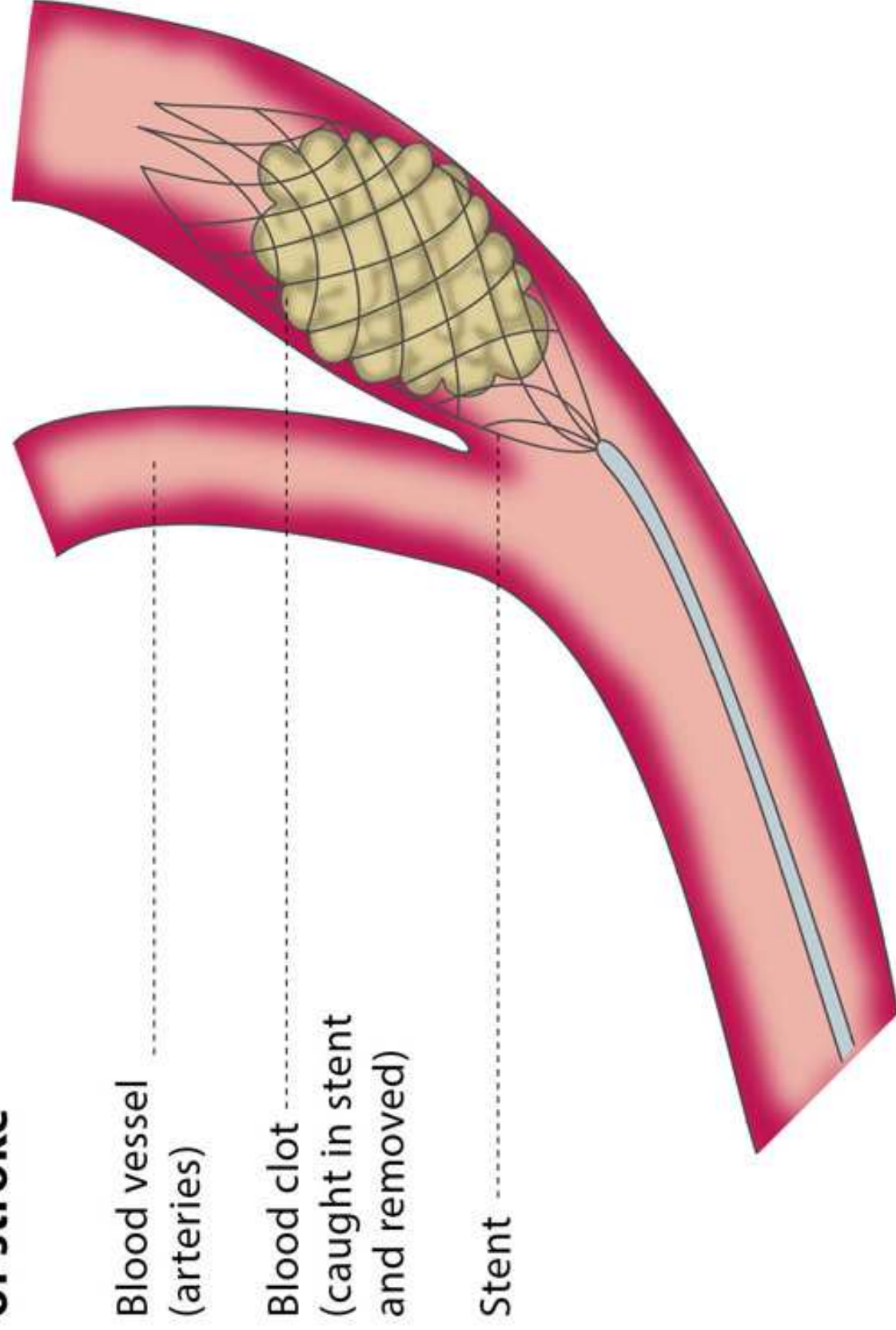


Figure 1. Progression over Time (Left to Right) of the Infarct Core (Red), with Irreversible Damage at the Expense of the Ischemic Penumbra (Green).

Endovascular treatment of stroke



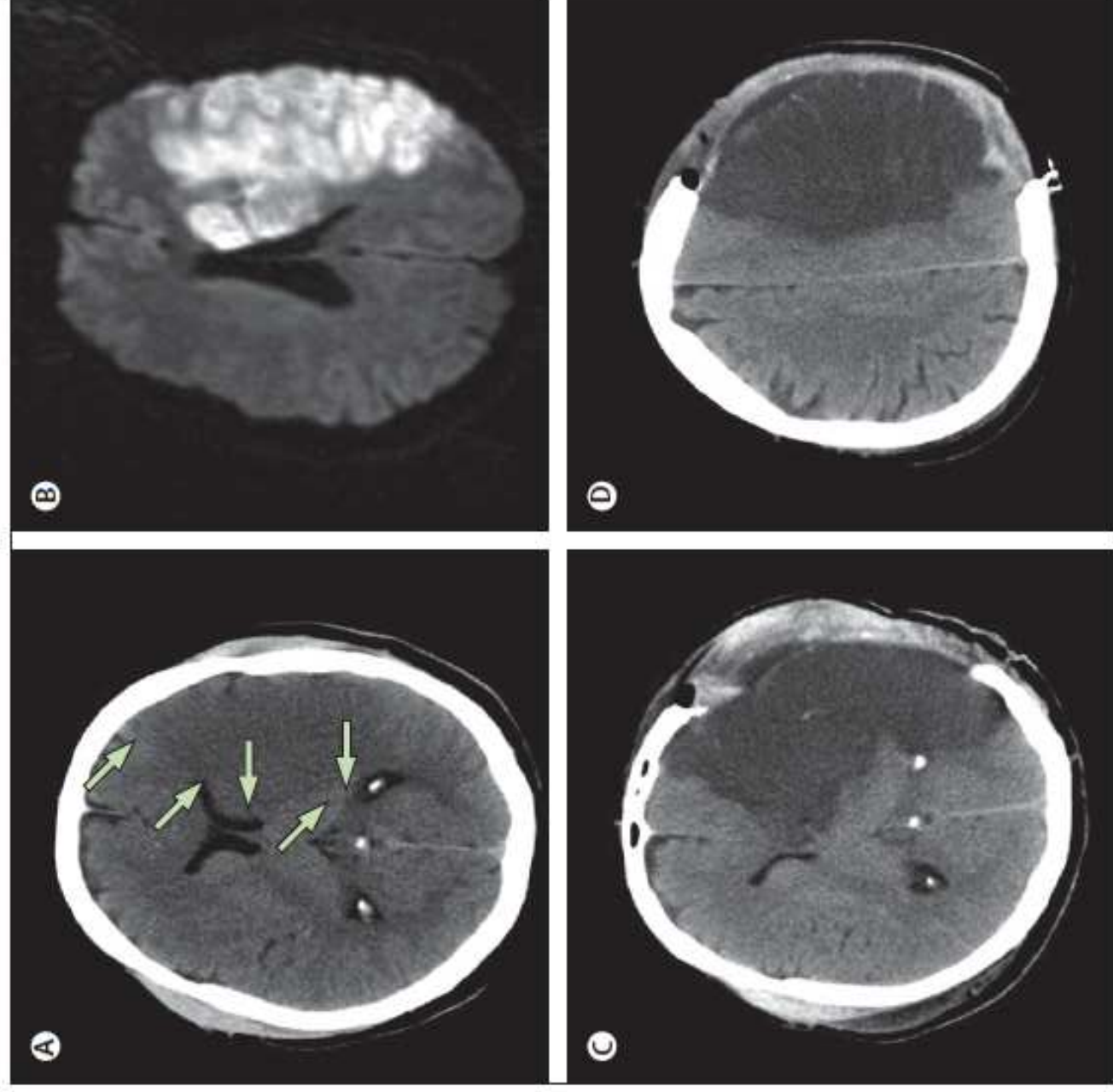


Figure 2: Brain imaging findings before and after hemispherectomy in malignant MCA infarction

3

- terapia intensiva

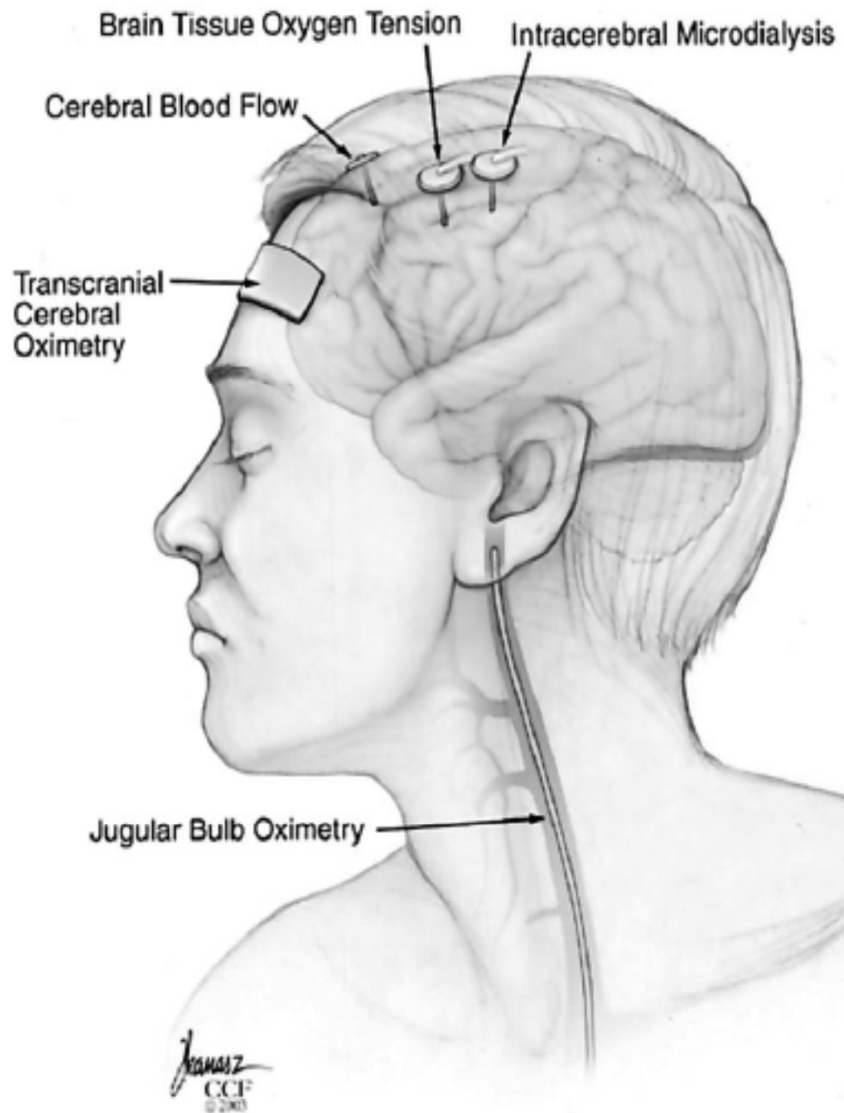


- monitoraggi
- terapie

MULTIMODAL MONITORING:

“COMBINING THE MONITORS TOGETHER”

The Neurologist 2005;11: 45–54



- imaging
- doppler transcranico
- EEG

FIGURE 1. Multimodal monitoring in the NICU.

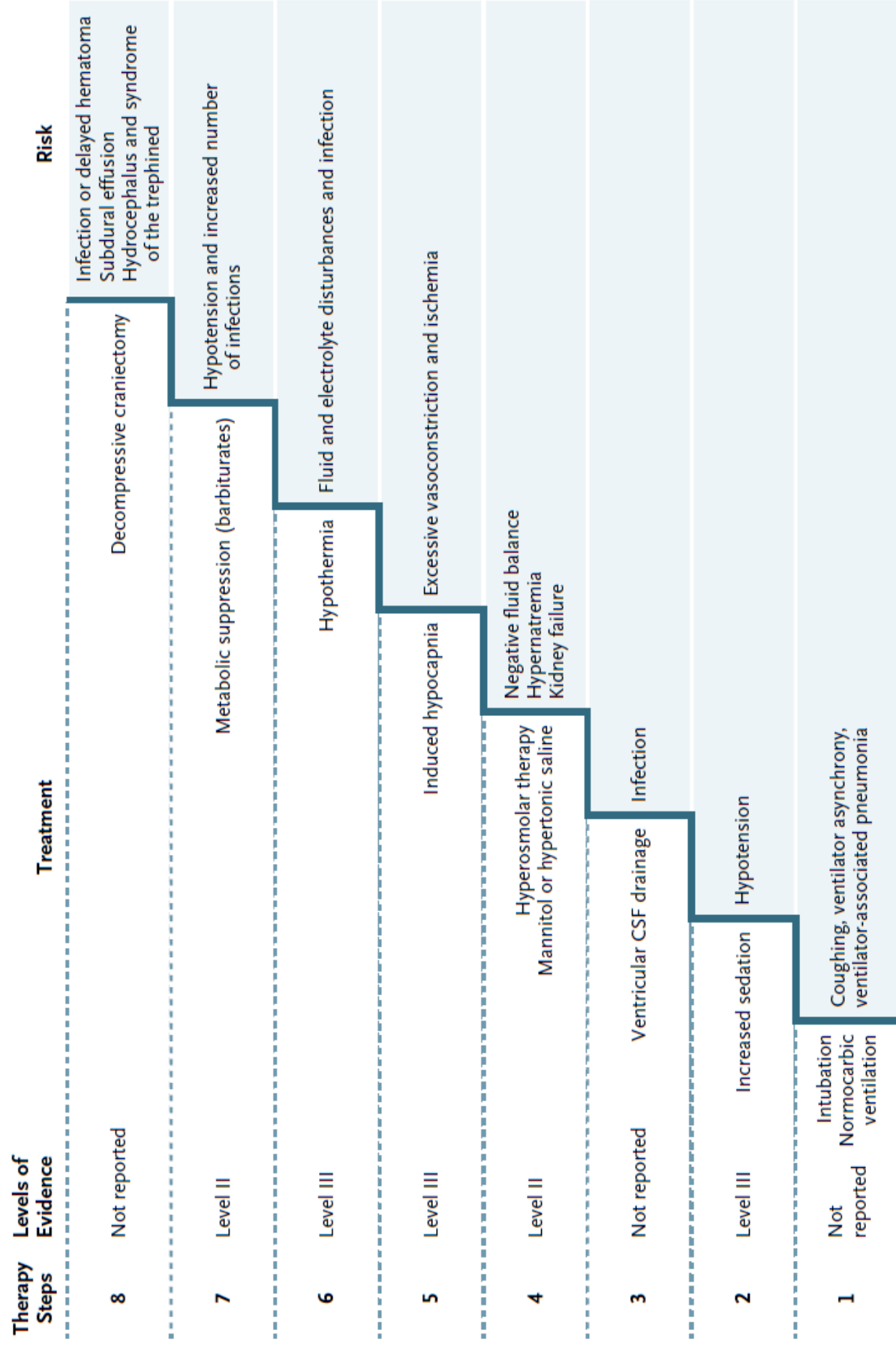
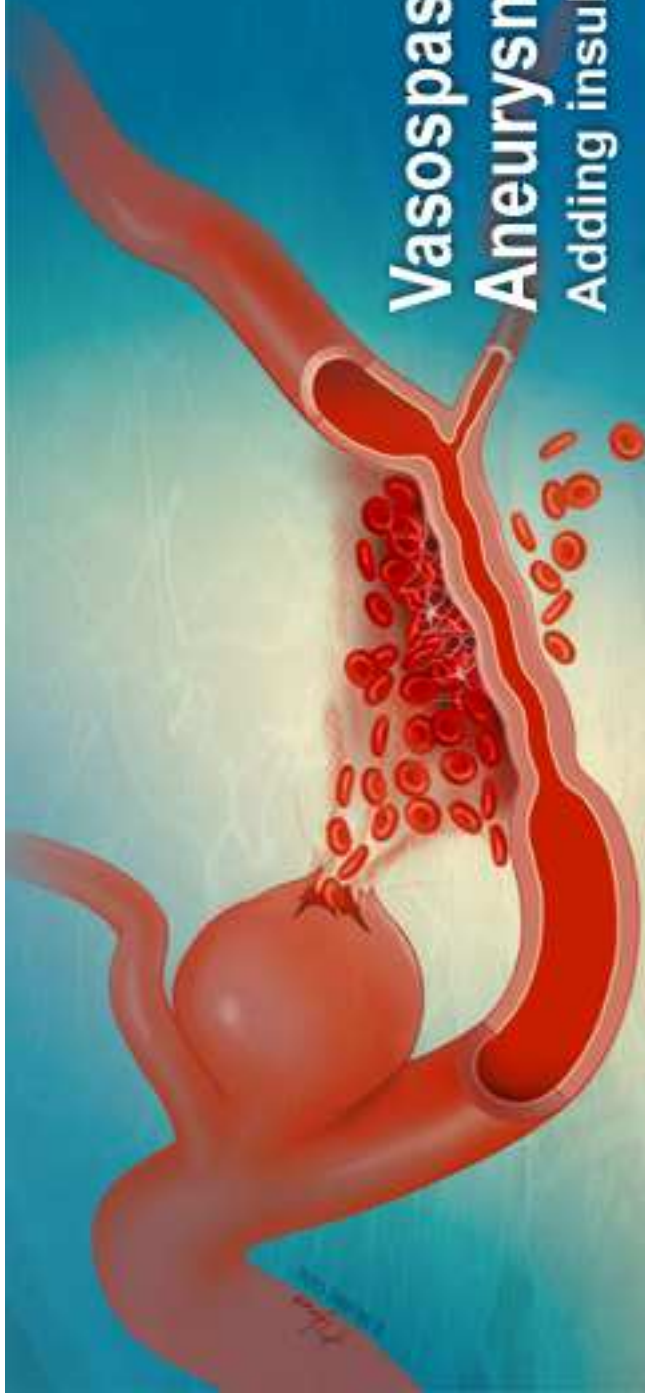


Figure 3. Staircase Approach to the Treatment of Increased Intracranial Pressure.

Vasospasm after Aneurysm Rupture

Adding insult to injury



**GENERAL
INTENSIVE CARE**

The diagram consists of two overlapping blue-outlined ovals. The top oval is labeled 'GENERAL INTENSIVE CARE' and the bottom oval is labeled 'NEUROINTENSIVE CARE'. The overlapping area is not explicitly labeled.

**NEUROINTENSIVE
CARE**

4

- post-terapia intensiva



PERSPECTIVES



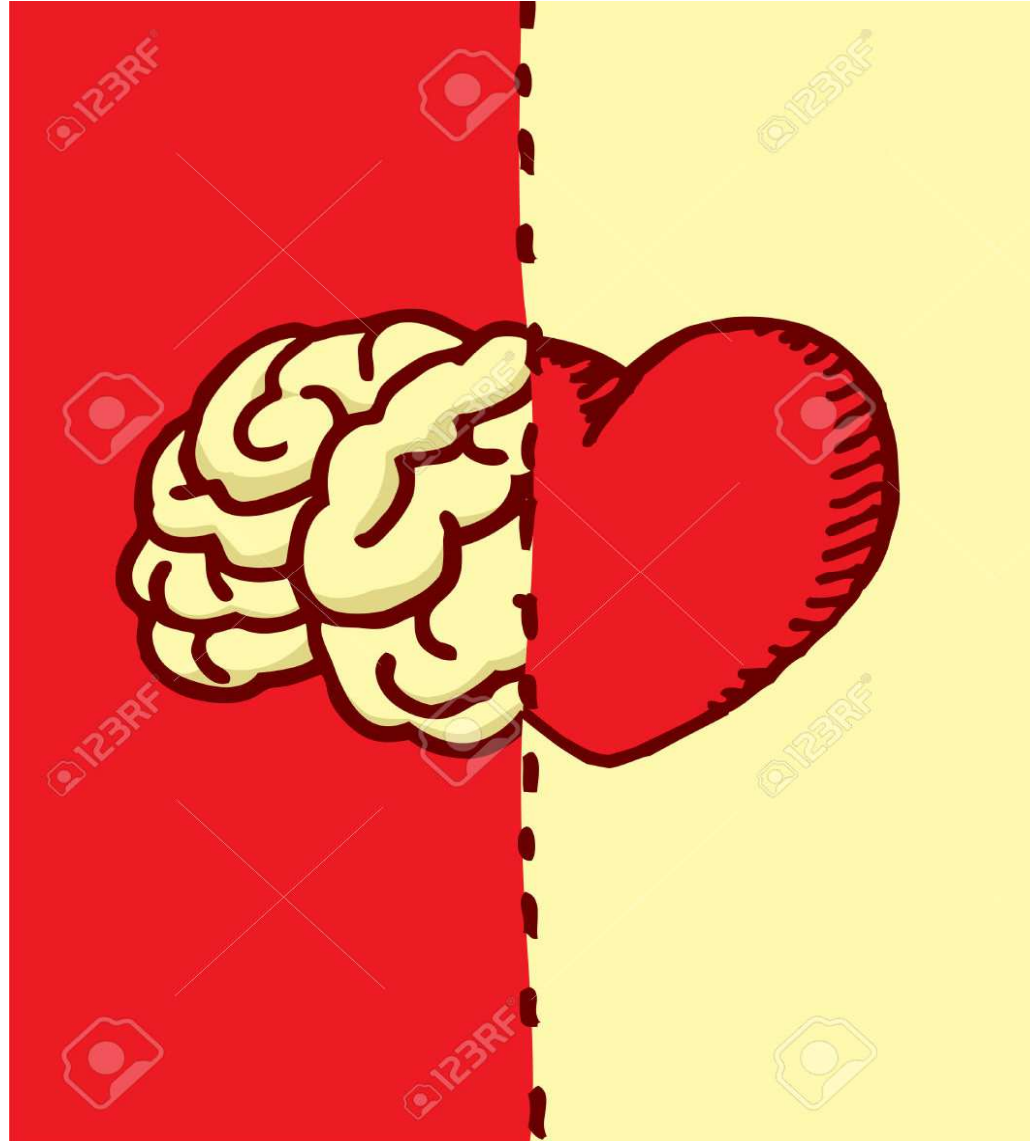
Commentary on:
*Guideline Adherence and Outcomes in
Severe Adult Traumatic Brain Injury for the
CHIRAG (Collaborative Head Injury and
Guidelines) Study*
by Gupta et al. *World Neurosurg* 89:169-179, 2016

Traumatic Brain Injury Guidelines and Outcome: Please Don't Forget Postacute Care!

Franco Servadei¹, Edoardo Picetti², Edoardo Viaroli¹, Corrado Iaccarino¹

World Neurosurg. (2016) 90:657-658.

arresto cardiaco



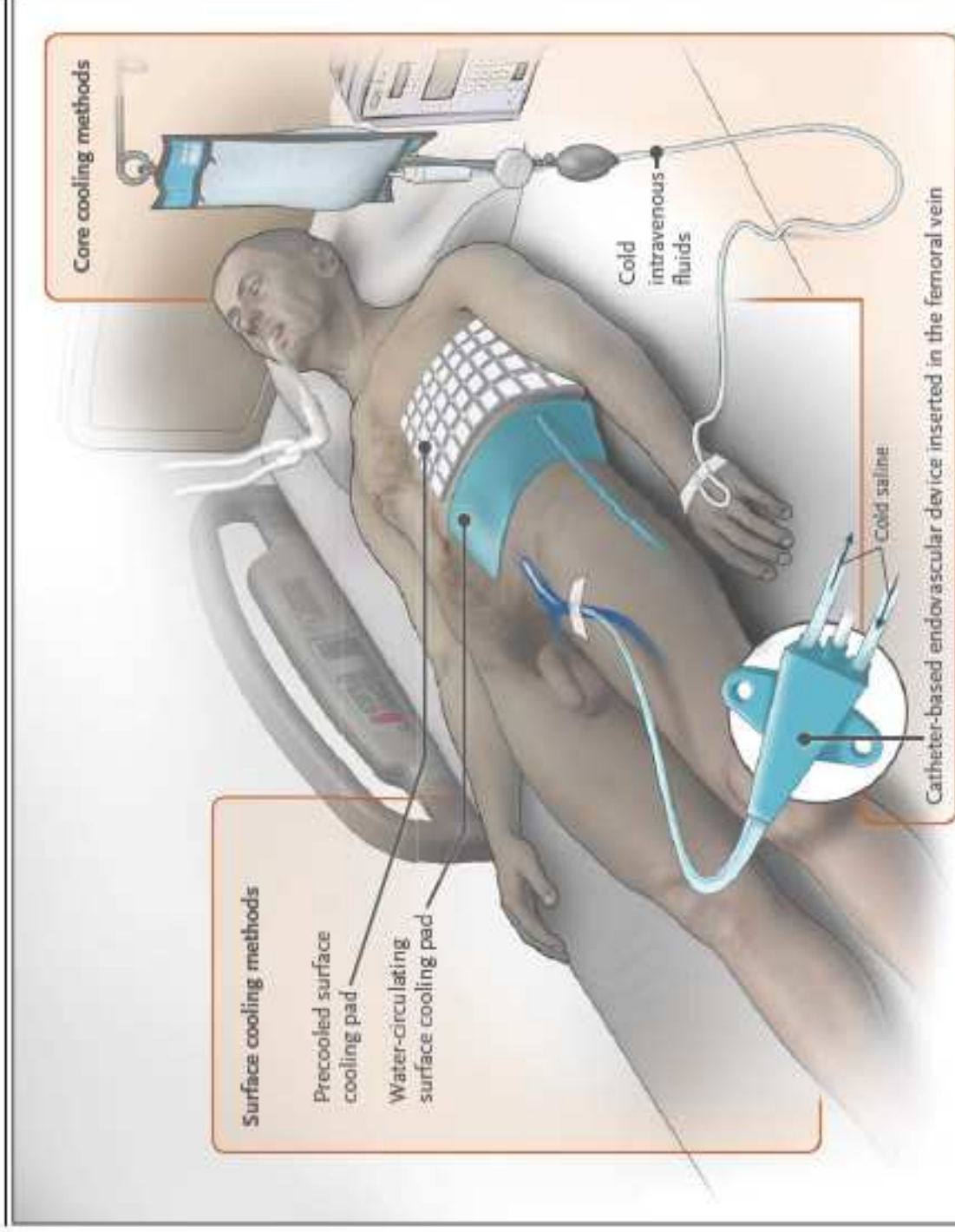


Figure 1. Cooling Methods Used in Clinical Practice.

Surface cooling methods include the use of precooled (refrigerated) surface cooling pads and water-circulating surface cooling pads.

Core cooling methods include the infusion of cold intravenous fluids and the use of catheter-based endovascular devices.

prognosi neurologica

- clinica
 - EEG
 - potenziali evocati
 - imaging
-
- timing raccolta dati
-
- modulazione intensità di cure

