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*Interventional Manpower & Logistics in
the New Era of Stroke Therapy:*

Should Cardiology Integrate Into the
Stroke Team? If so, How?

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Disclosure

I have nothing to disclose in regard to this presentation and have no financial interest.

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What Is a Stroke Team ?

- Neurologist
- Neuroradiologist *Available 24/7?*
- Intensive Care (Stroke) Nurse
- Emergency physician
- Neurosurgeon

How is the Cardiologist Involved?

- most strokes are caused by heart disease
- some strokes are caused by the cardiologist
- would be fine to solve the problem of self-induced stroke complications

How is the Cardiologist Already Involved?

- echocardiography
- extensive catheter experience
- familiar with emergency cases
- often 24/7 service

What Is With the Manpower?

Simple Answer

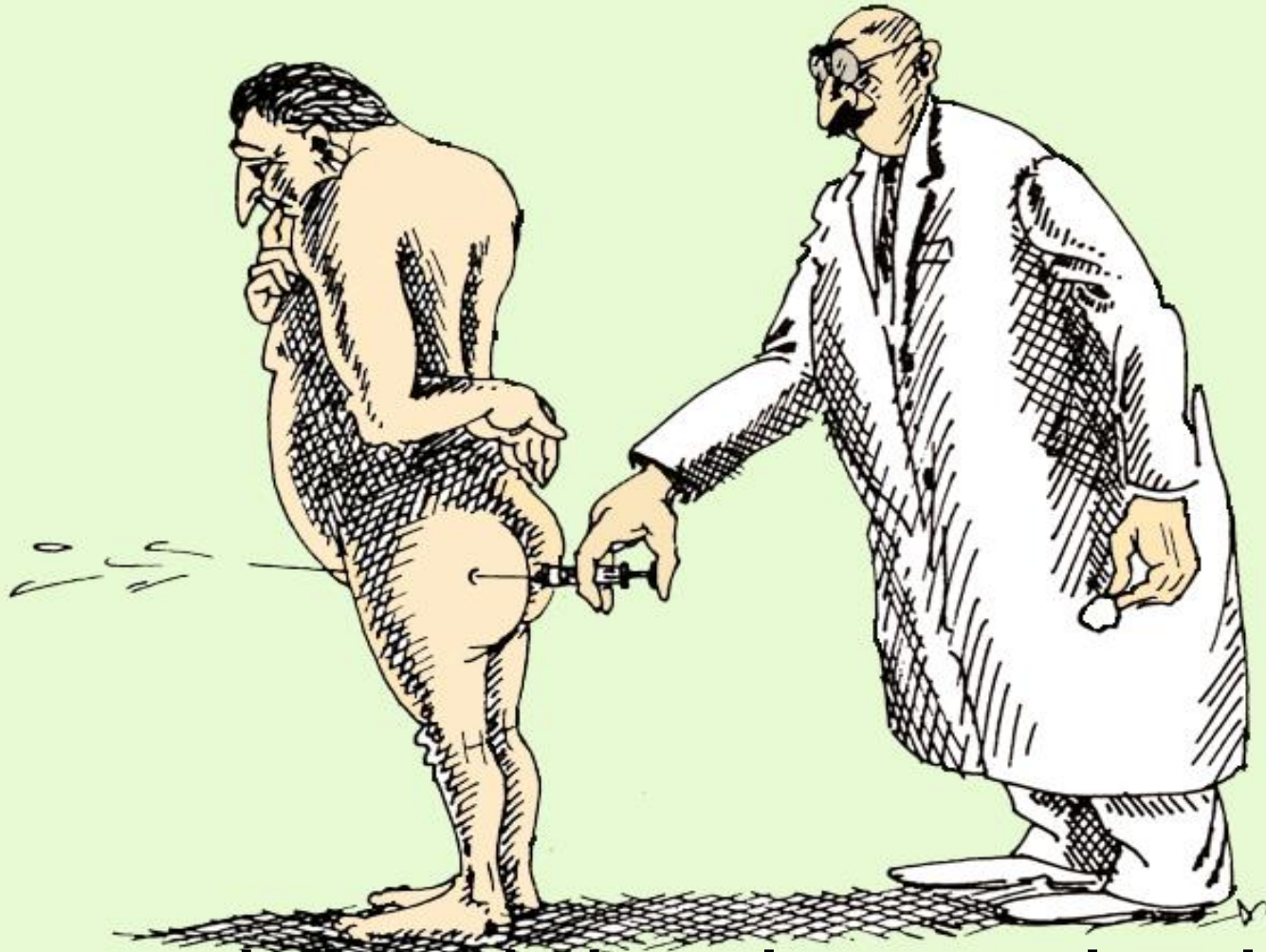
We have much more cardiologists than interventional neuroradiologists !

For a 24/7 service
3-4 interventionalists are needed.

Become familiar with stroke management !



As you know ...



... special training is required !

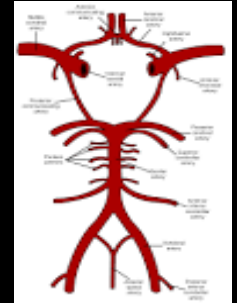
Special Training Is Required

What does that include?

- ❖ Theoretical training
- ❖ Practical training

But Special Training Is Required

Theoretical training



❖ Cerebral artery anatomy

Cerebral arteries are thin-walled and are easily perforated or ruptured -
no comparison to coronaries!

But Special Training Is Required

Theoretical training

❖ Indications for TE

- time window
- significance of imaging parameters
- location and extent of thrombus

But Special Training Is Required

Practical training

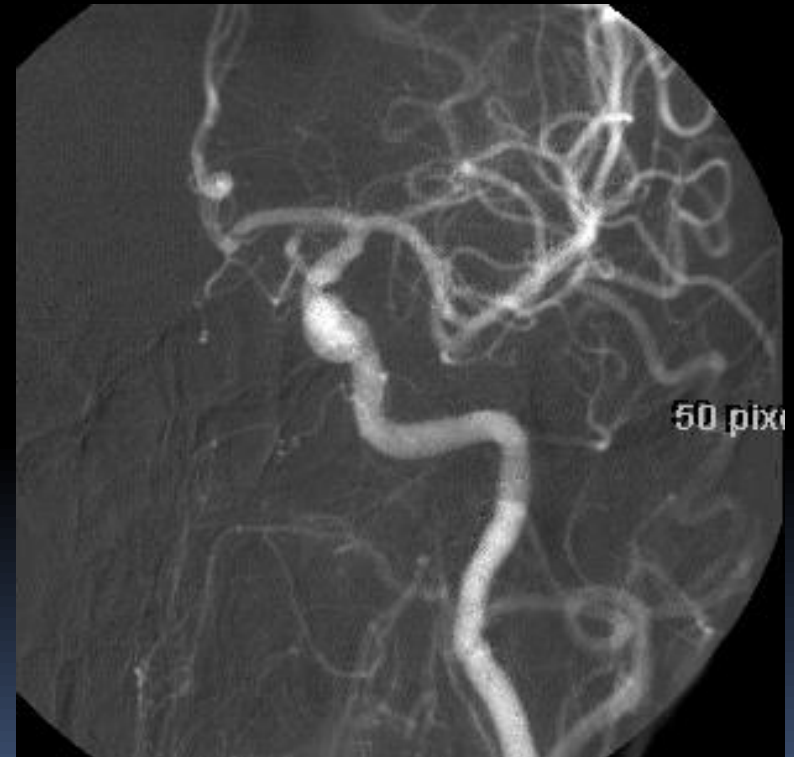
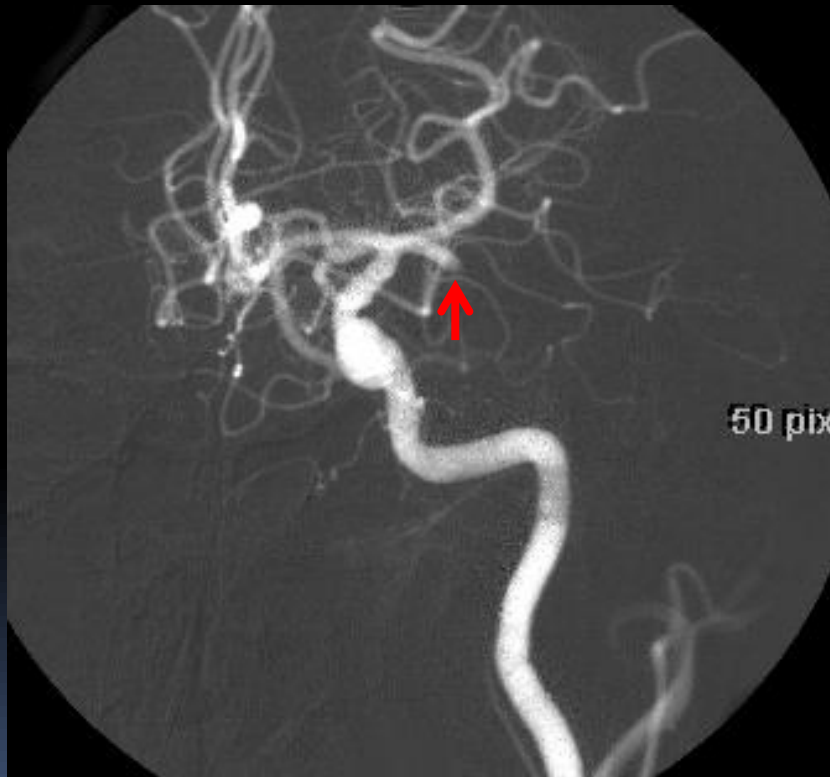
- ❖ Dealing with micro-catheters
- ❖ Knowing the tips and tricks of TE
- ❖ Do your first cases with a proctor

Also a Minimal Volume Is Required

- ❖ about 10% of acute strokes are suitable for TE
- ❖ at least one TE / week should be performed in the stroke center

When you have a good stroke team...

... endovascular stroke treatment is rewarding



for patient and physician ! Good luck!

It's a stroke -
get the cardiologist!

