Moniz, 1927 in Lisbon
Outline

Anatomic focus from groin to vertex...

Technical aspects are uploaded to the YouTube page
The Femoral Triangle...

Skin incision approximately 1-2 cm parallel and inferior to the inguinal ligament.

Femoral nerve, artery and vein

Inguinal ligament

Cloquet's node

Adductor longus muscle

Sartorius muscle
Femoral Access

- Velezikstan
- Mayshanikstan
- Femoral head
- Femoral a.
- Profunda femoral a.
- Inguinal ligament
Femoral Access

- common iliac a.
- internal iliac a.
- external iliac a.
- femoral a.
- profunda a.
Aortic Arch variants
Aortic Arch variants

Type I: 1-2 diameter of CCA

Type II: > 2 diameter of CCA
Carotid bifurcation/ECA branching

SALFOPS + M
External Carotid Artery

superficial petrosal branch to VII
External Carotid Artery
Dangerous Anastomoses

AJNR 30:1459-68, 2009
ICA segments

* from Practical Neuroangiography, Morris
What are we looking at?

- arterial anatomy
- pathology and dangerous anastomoses
- transit time (CO, BP, ICP...), nl is 4-5s
- venous anatomy
Angiographic Phases

- Arterial
- Capillary
- Venous
Circle of Willis
(1664)
34.5%
Right Common Carotid Injection
Right Vertebral Injection (AP projection)
Right Vertebral Injection (lateral projection)
Thanks...