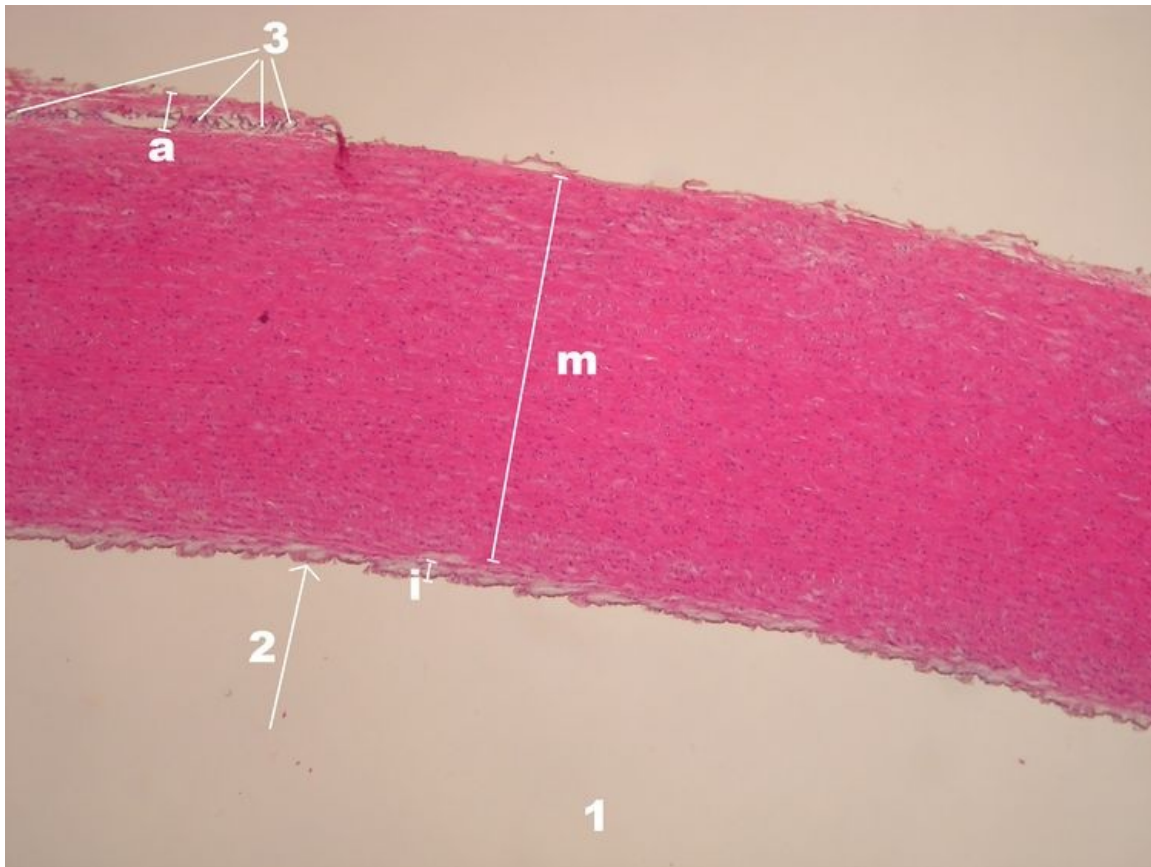


Aorta (preparation)

Overview



Preparation 1



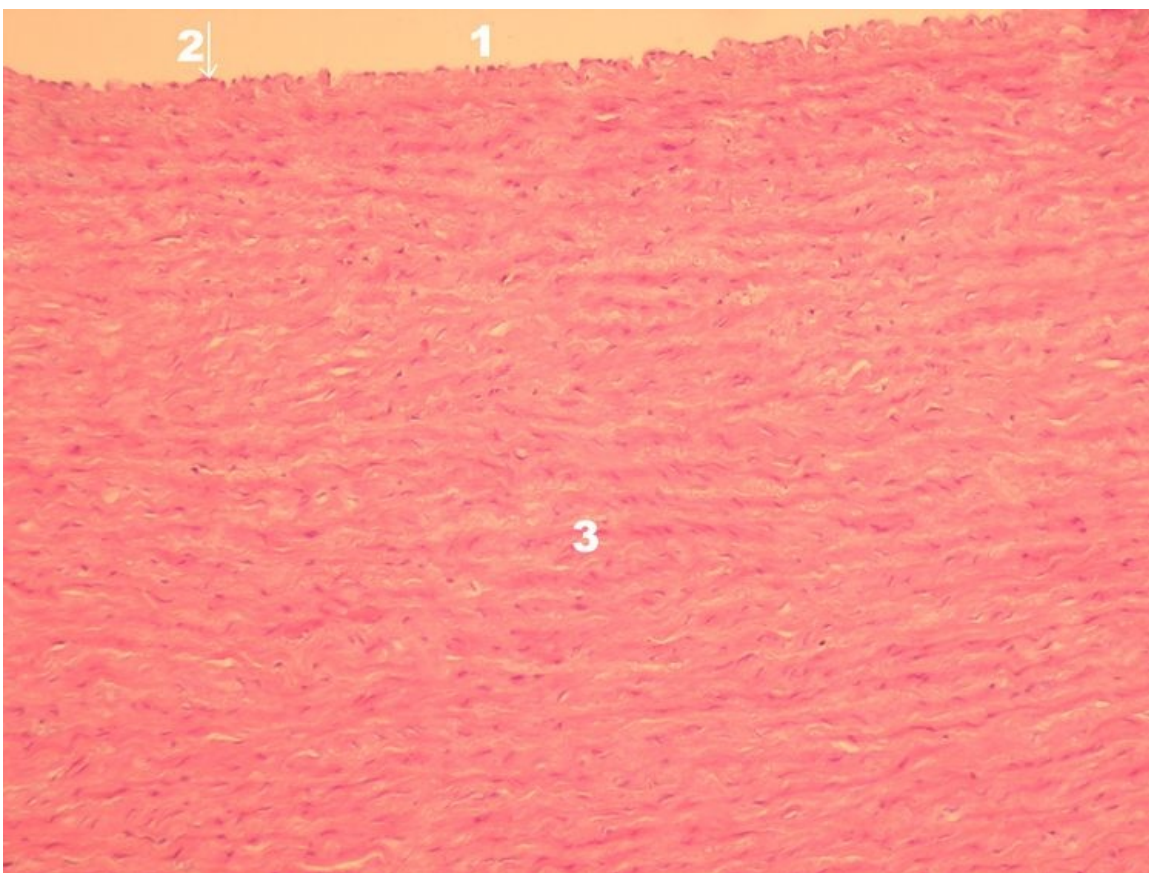
Title: **Aorta - Example of an Elastic Type Artery - Overview (HE)**

Description: 1 - aortic lumen, 2 - endothelium, 3 - vasa vasorum in tunica adventitia, i - tunica intima, m - tunica media,

and - tunica adventitia, in elastic-type arteries, the membrana elastica interna is hardly distinguishable from elastic ones

membranes in the middle layer

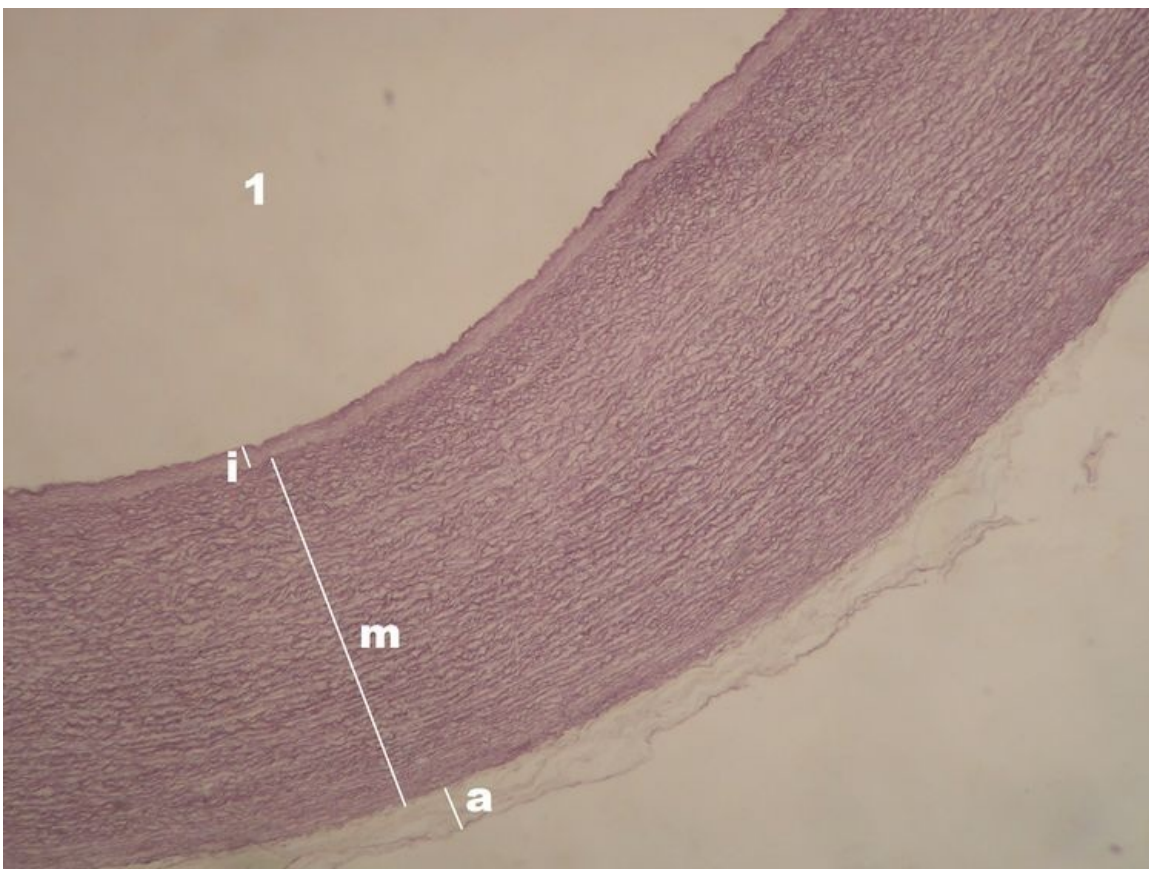
Preparation 2



Name: **Aorta - tunica media detail (HE)**

Description: 1 – aortic lumen, 2 – endothelium, 3 – tunica media

Preparation 3

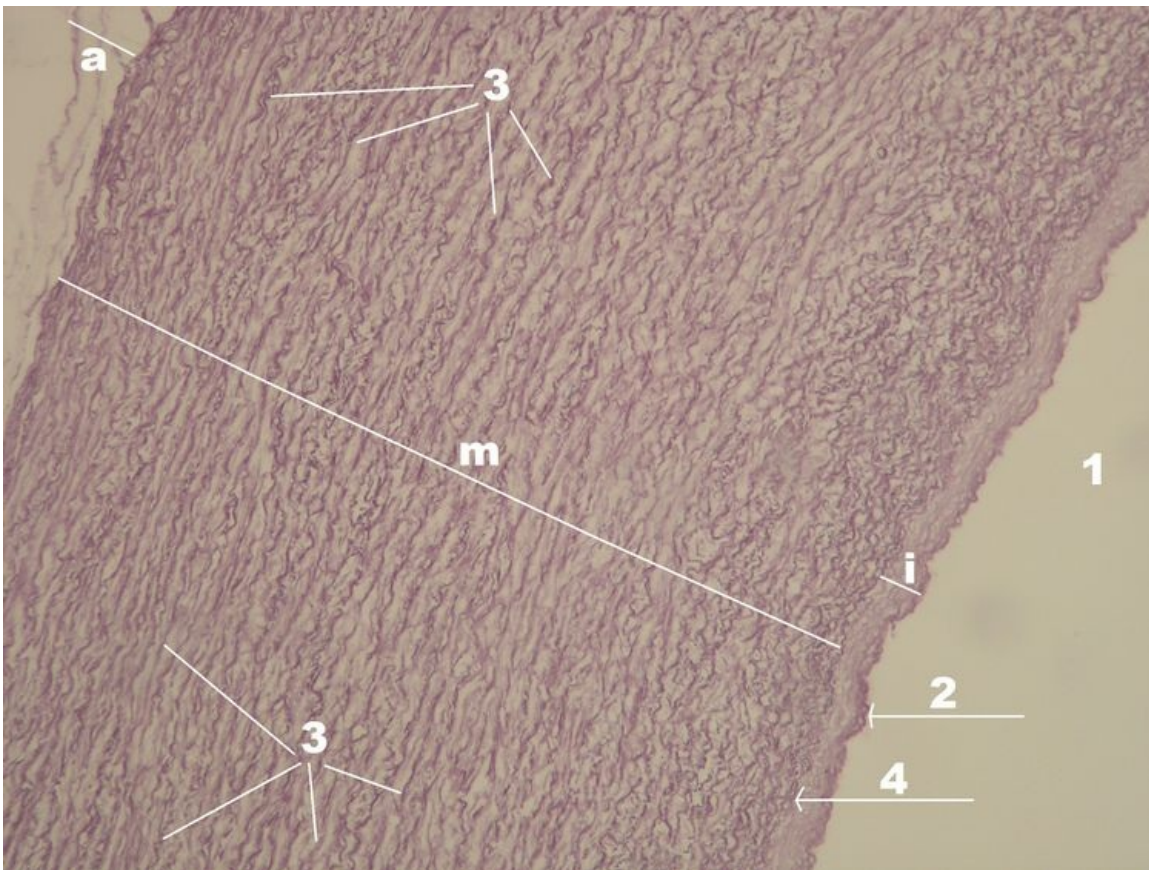


Title: **Aorta - overview (resorcin-fuchsin)**

Description: 1 – aortic lumen, i – tunica intima, m – tunica media, a – tunica adventitia

note: resorcin-fuchsin is a stain for elastic fibers

Preparation 4

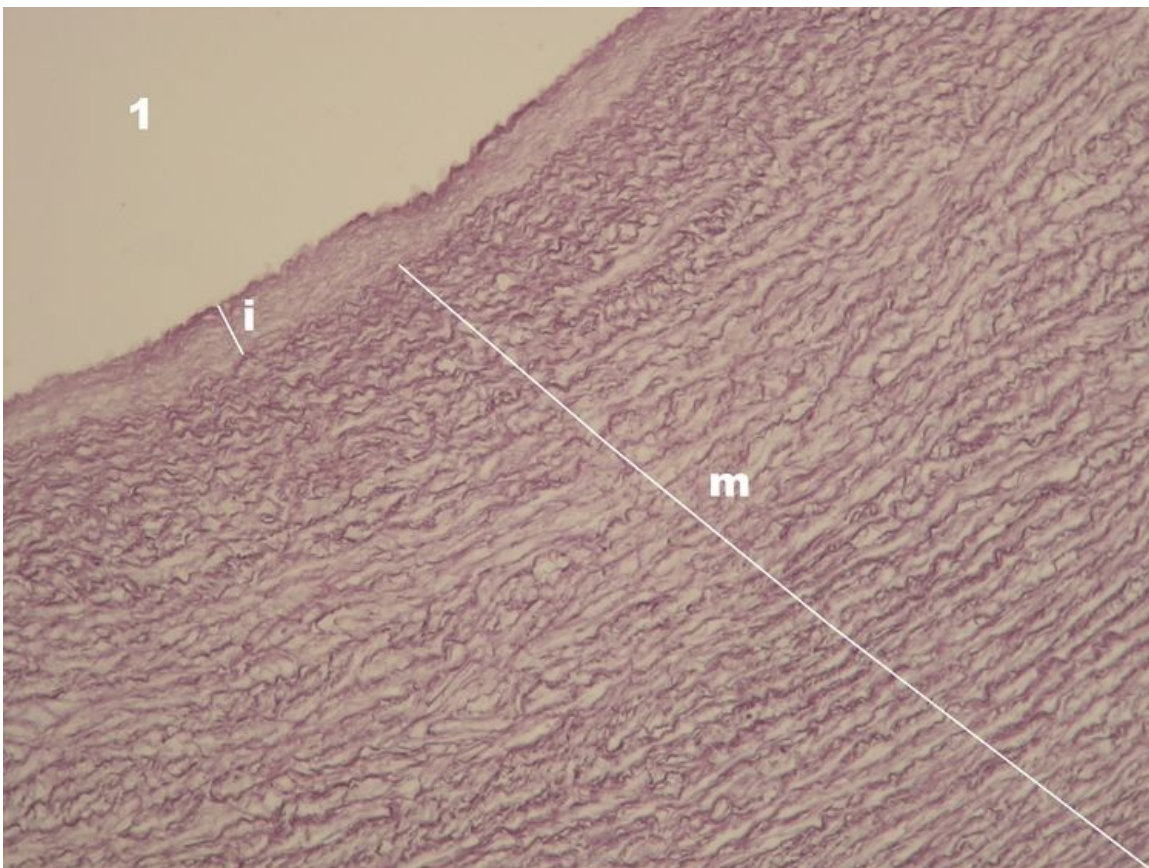


Name: **Aorta - wall layers (resorcin-fuchsin)**

Description: 1 – aortic lumen, 2 – endothelium, 3 – elastic membranes in the middle layer, 4 – the first of the elastic membranes (=membrana elastica interna), i – tunica intima, m – tunica media, and – tunica adventitia

note: resorcin-fuchsin is a stain for elastic fibers

Preparation 5



Title: **Aorta - tunica media detail (resorcin-fuchsin)**

Description: 1 – aortic lumen, i – tunica intima, m – tunica media

note: resorcin-fuchsin is a stain for elastic fibers

Binders

- Mesenchyme (preparation)
- Umbilical cord (preparation)
- Aorta (preparation)
- Brown fat (preparation)
- White fat (preparation)
- Tendon (preparation)
- Articular cartilage (preparation)
- Epiglottis (preparation)
- Desmogenous ossification (preparation)
- Enchondral ossification (preparation)
- Lamellar bone (preparation)

Links

- Cellular basis of medicine module (3rd Faculty of Medicine UK)

Study materials for the preparation

- Aorta