

Case Presentation



**Co-funded by
the European Union**



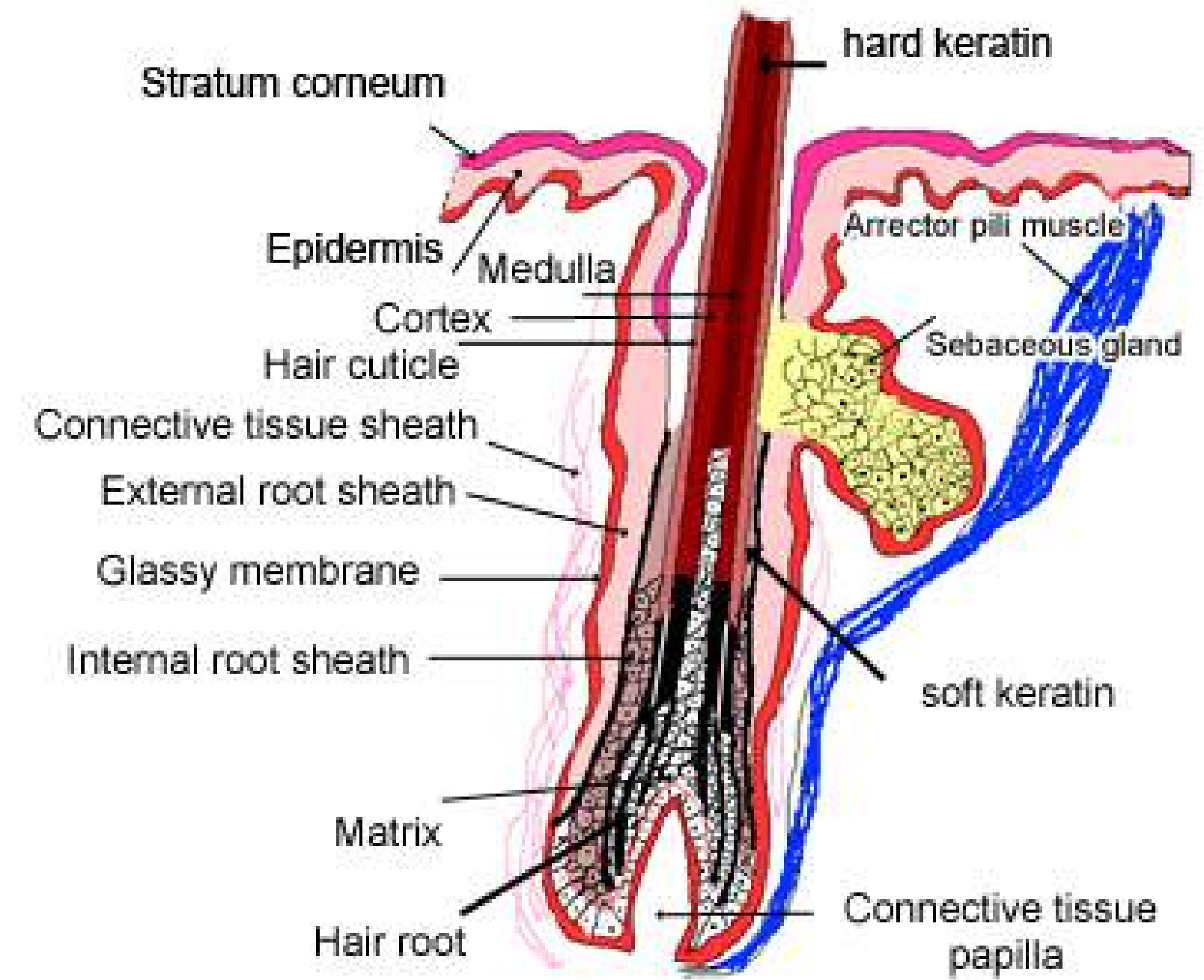
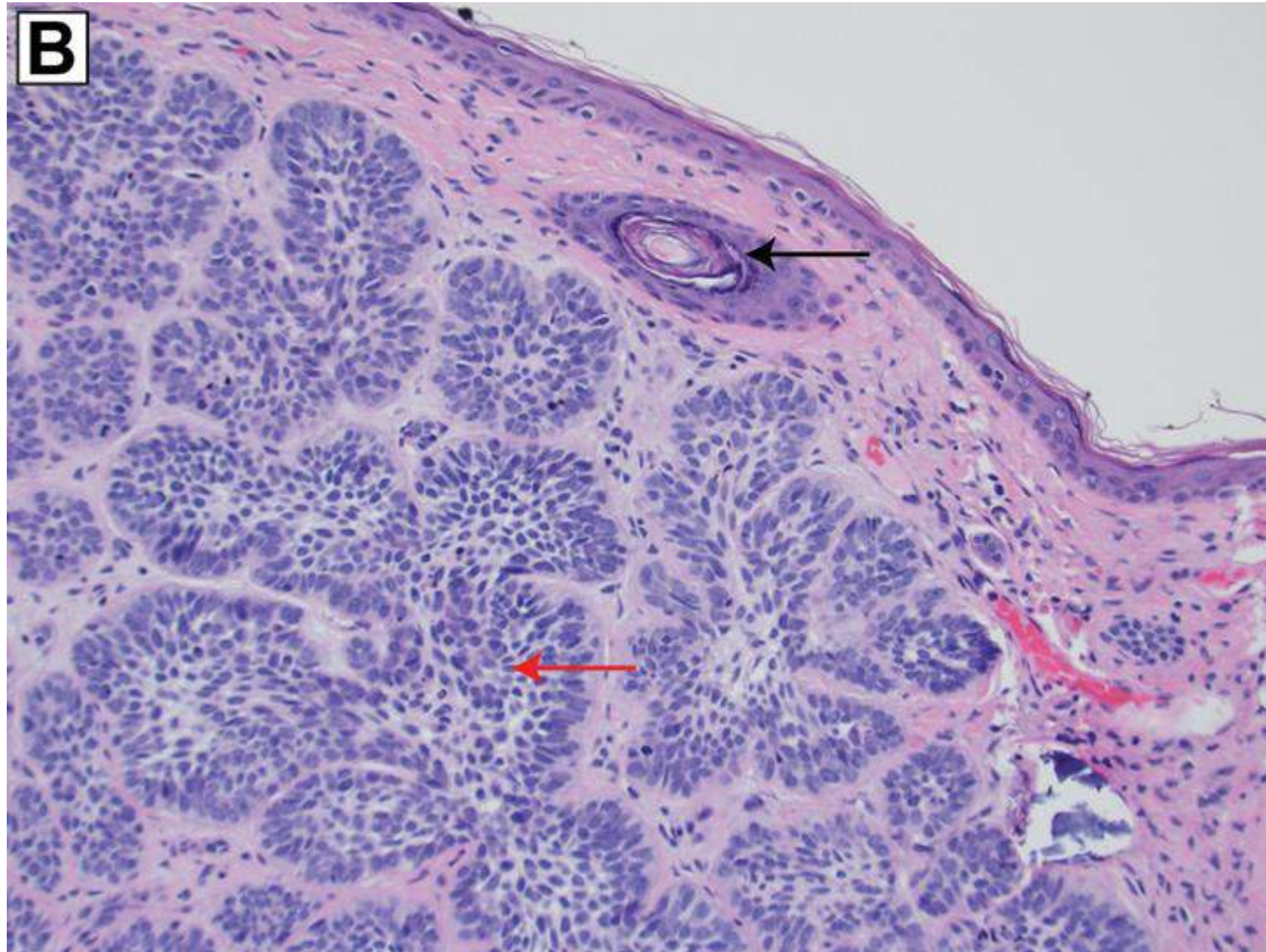
Patient:

63 years old woman

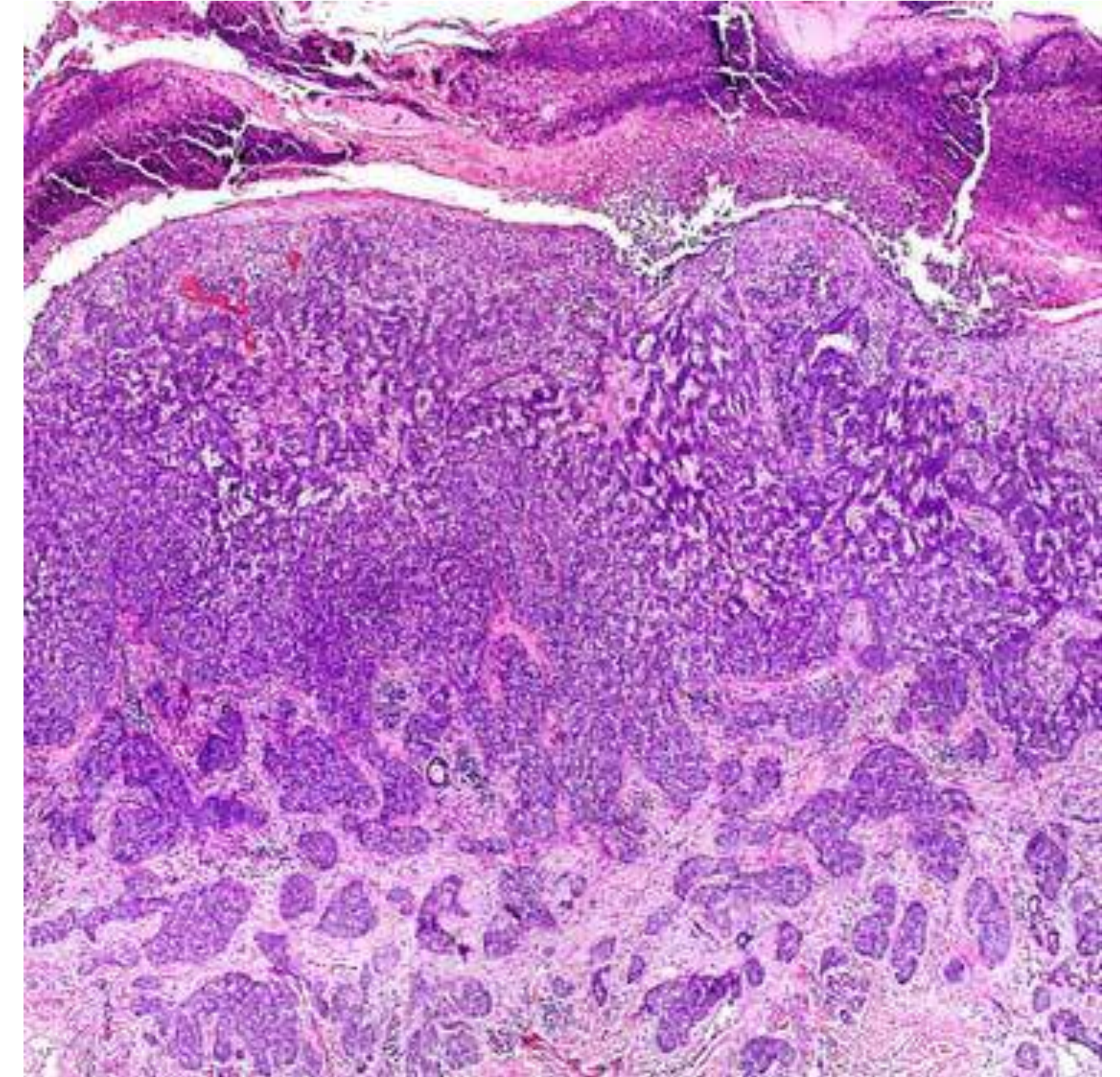
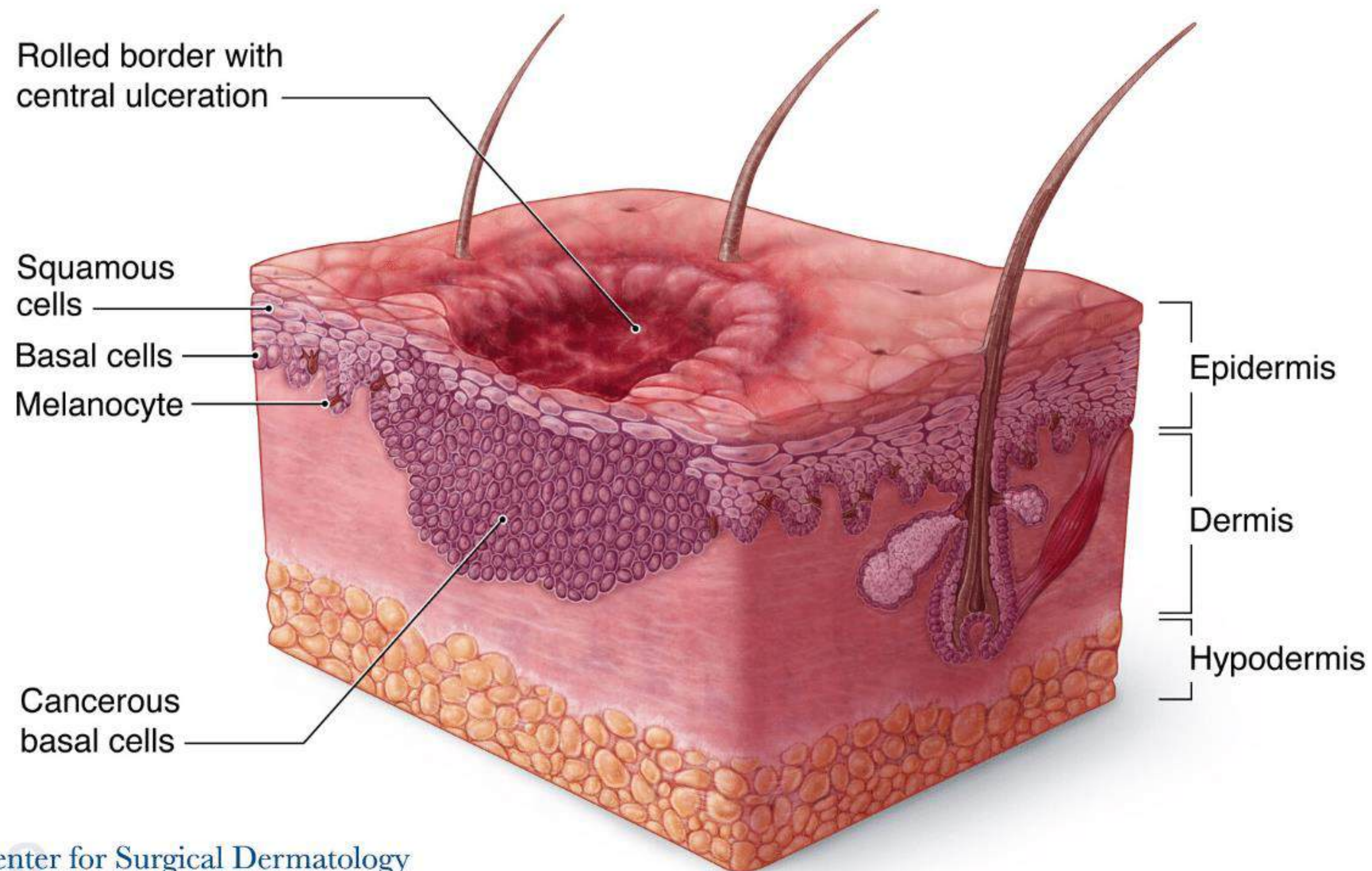
Presenting with recurrent skin tumor in the temple and lateral periorbital region



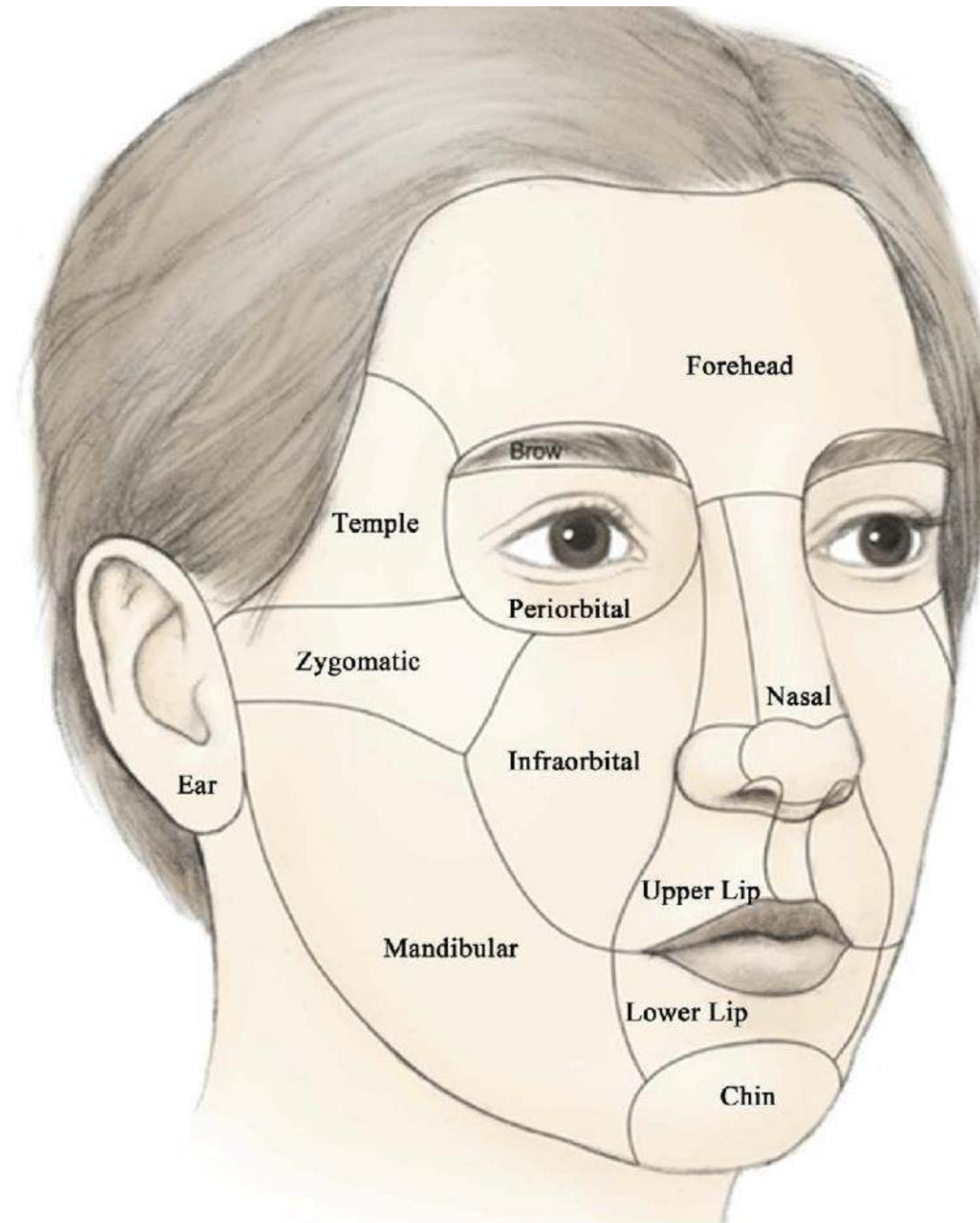
Trichoepithelioma



Infiltrative Basal Cell Carcinoma



Aesthetic Regions and Units

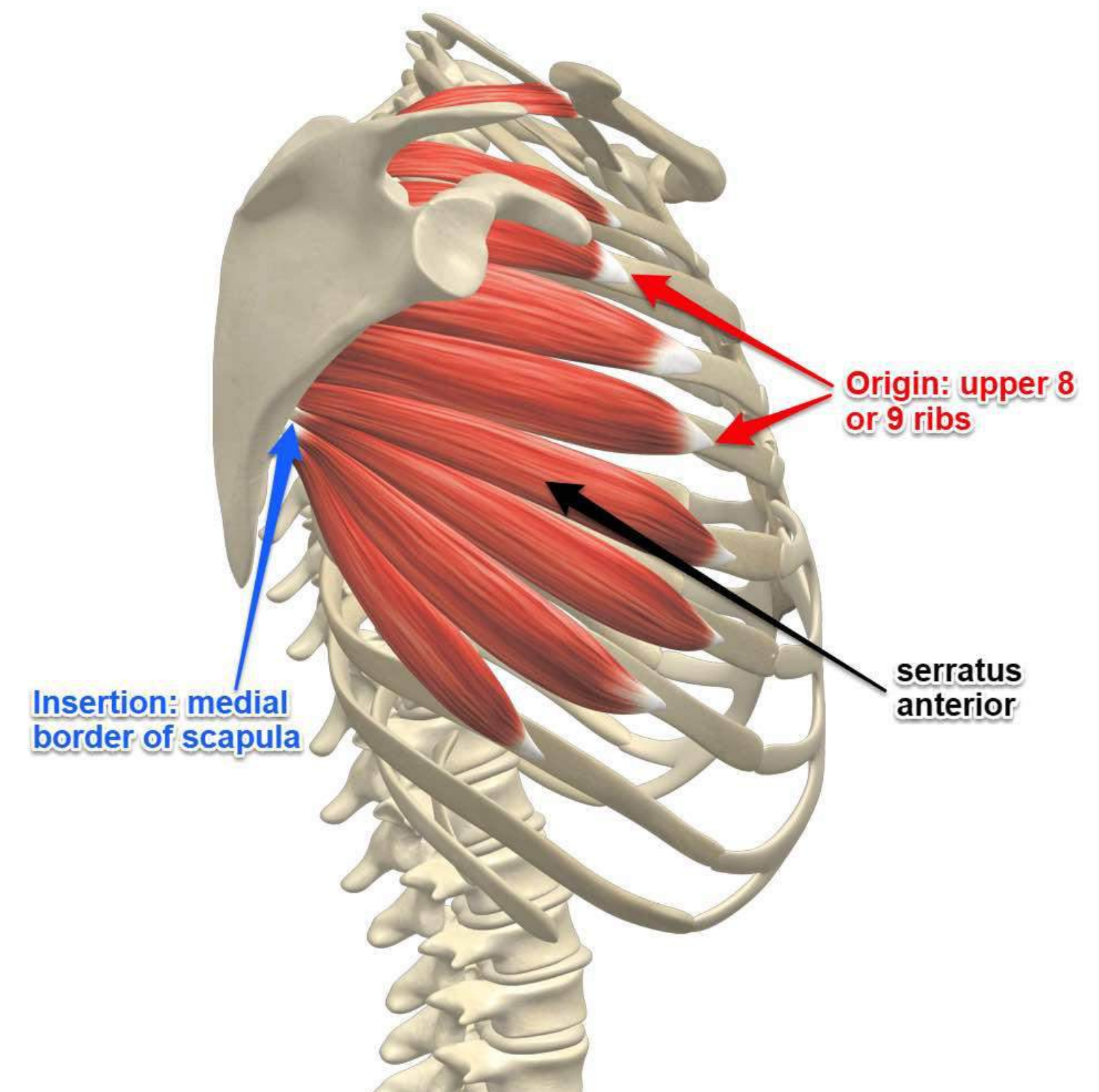
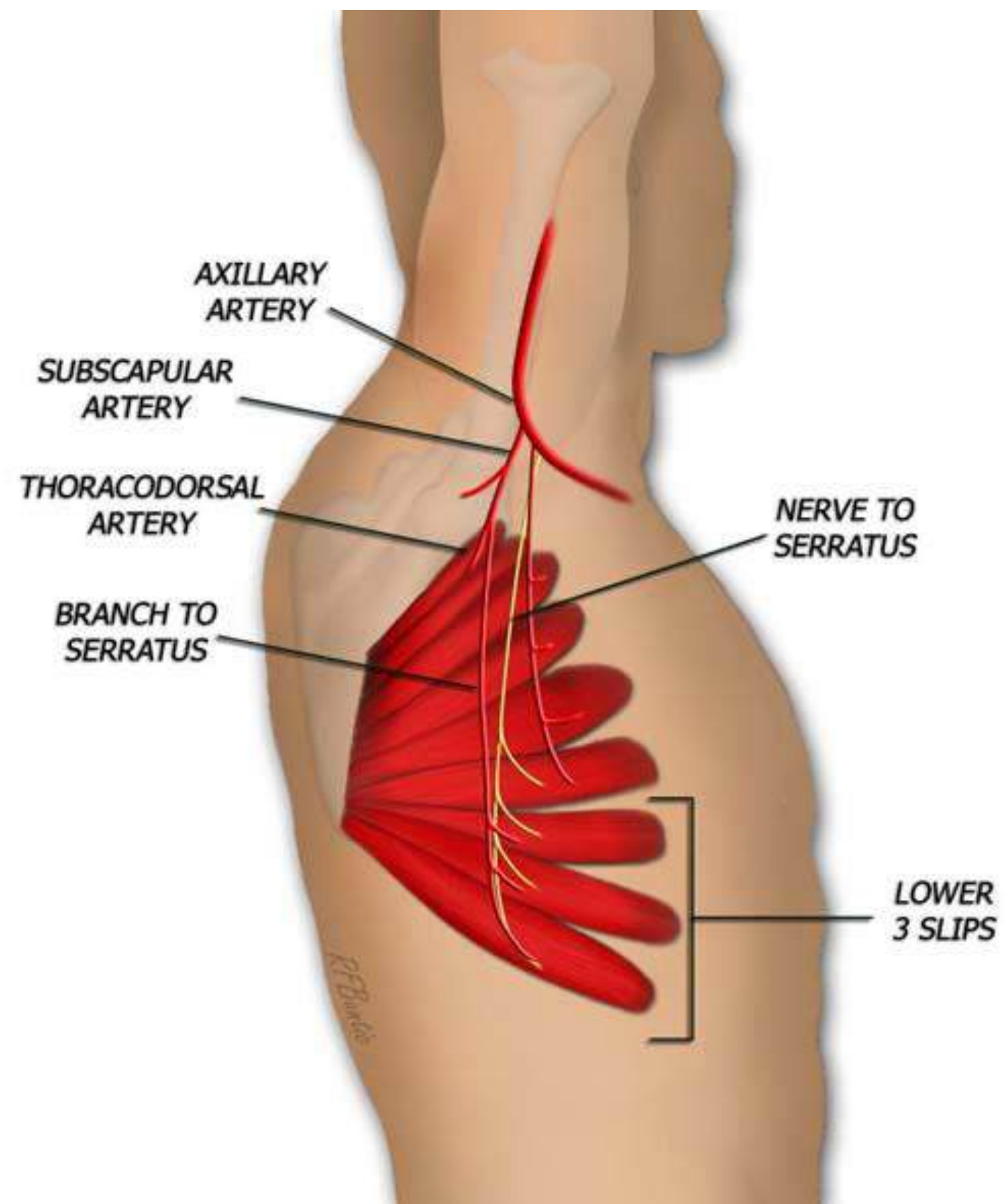


Epithesis / Prostheses

- ***Artificial way to reconstruct the eye and the eyelids.***



Serratus Anterior Muscle Flap





Meshed Split-thickness Skin Graft

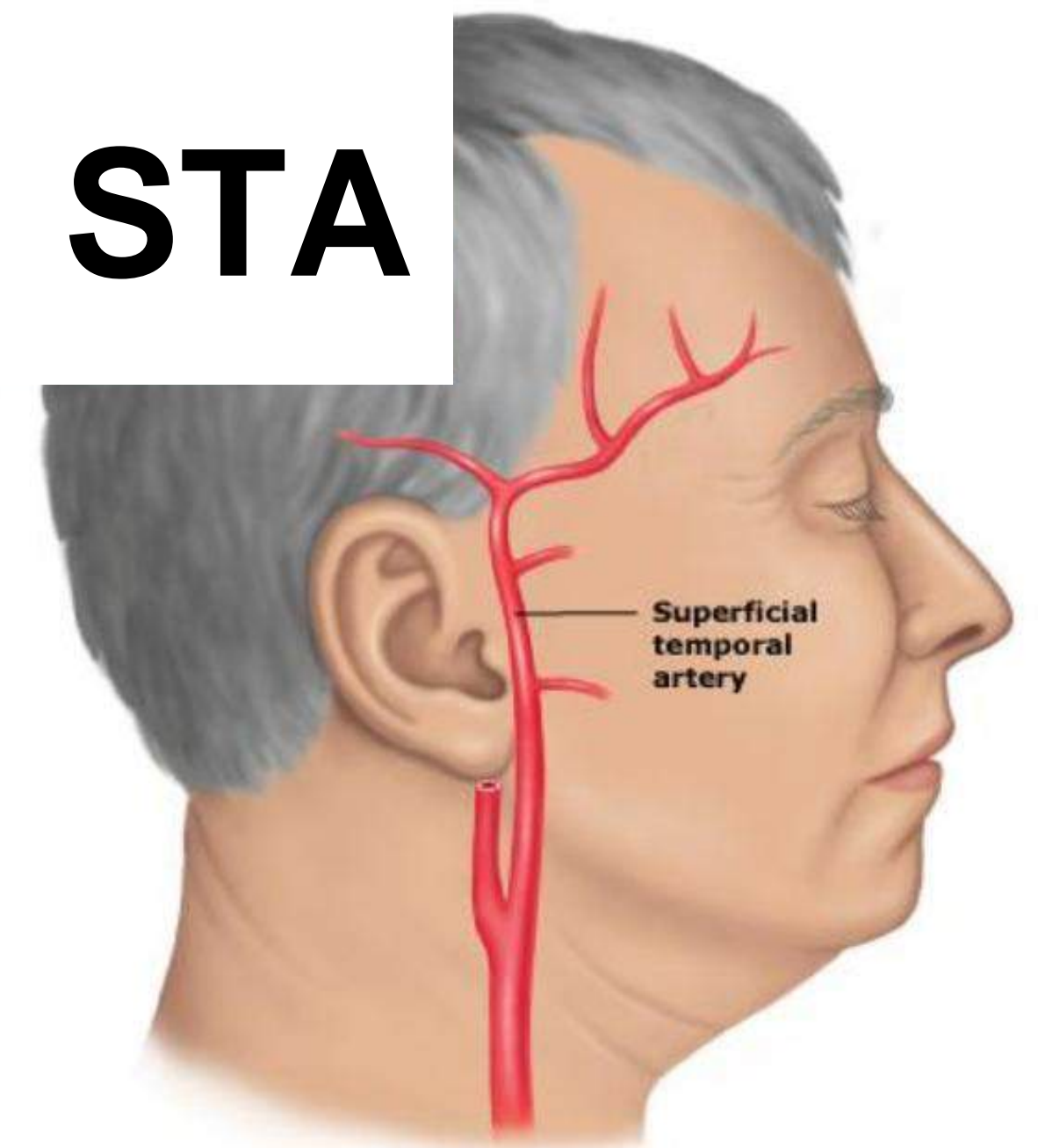




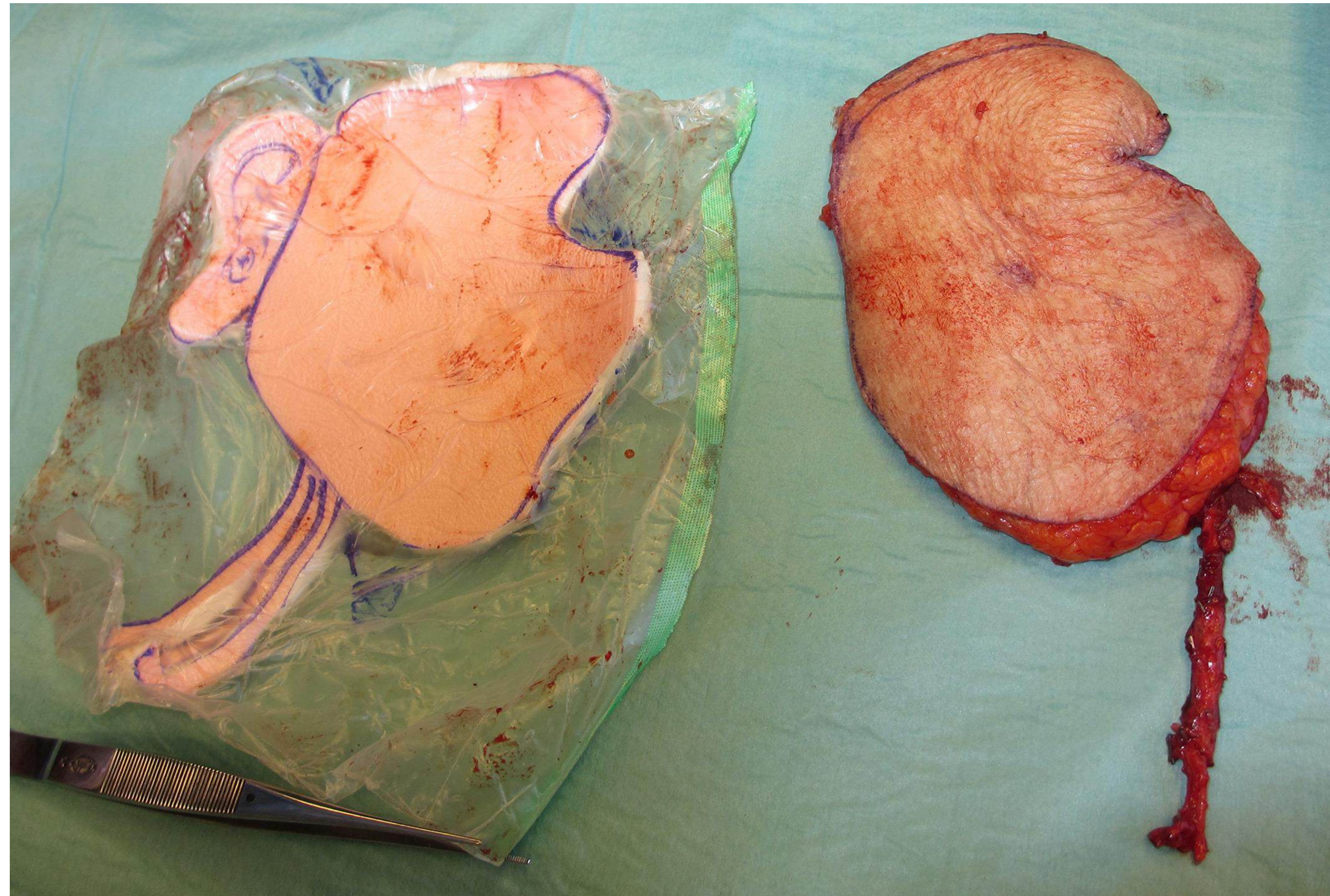
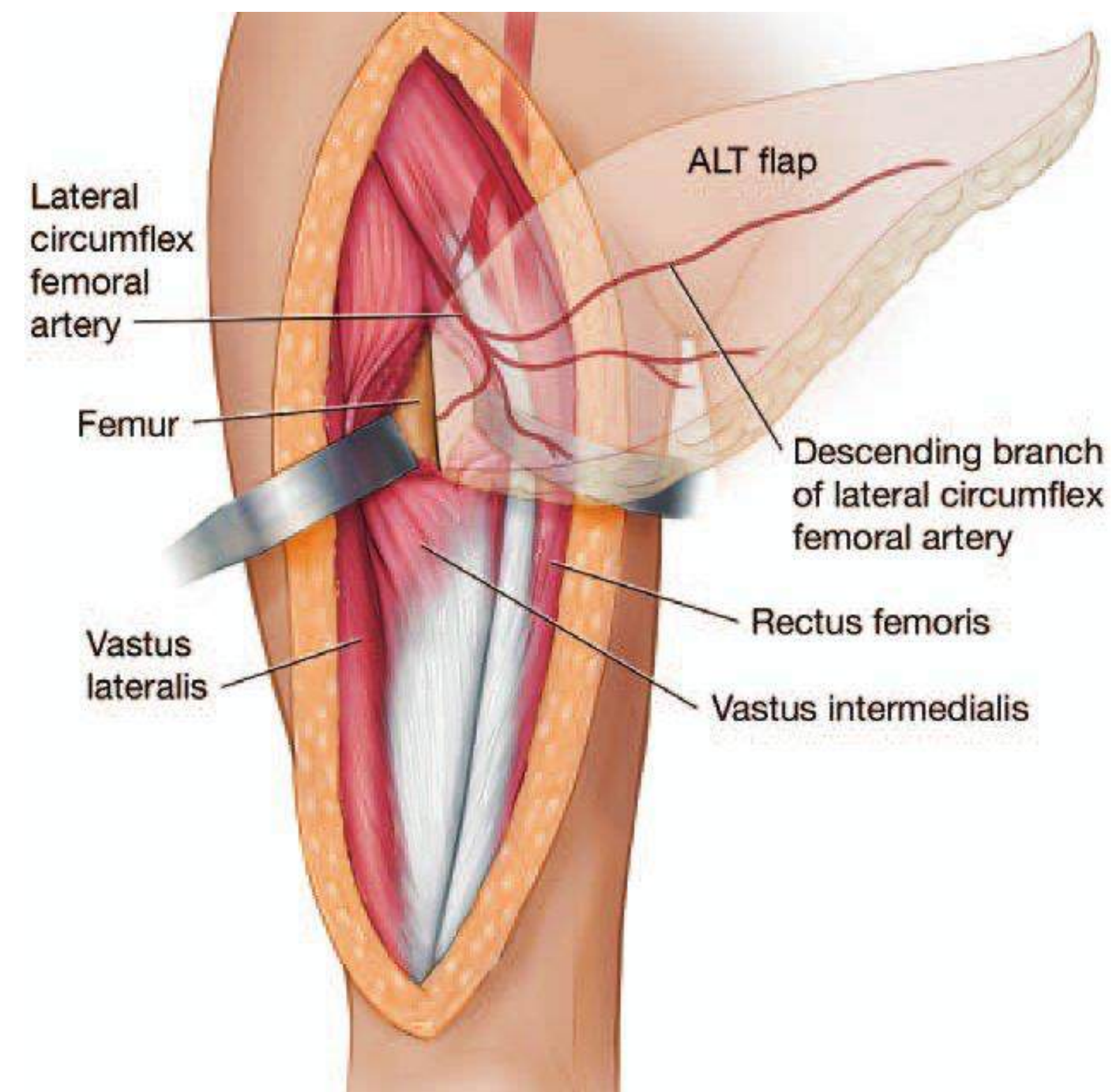




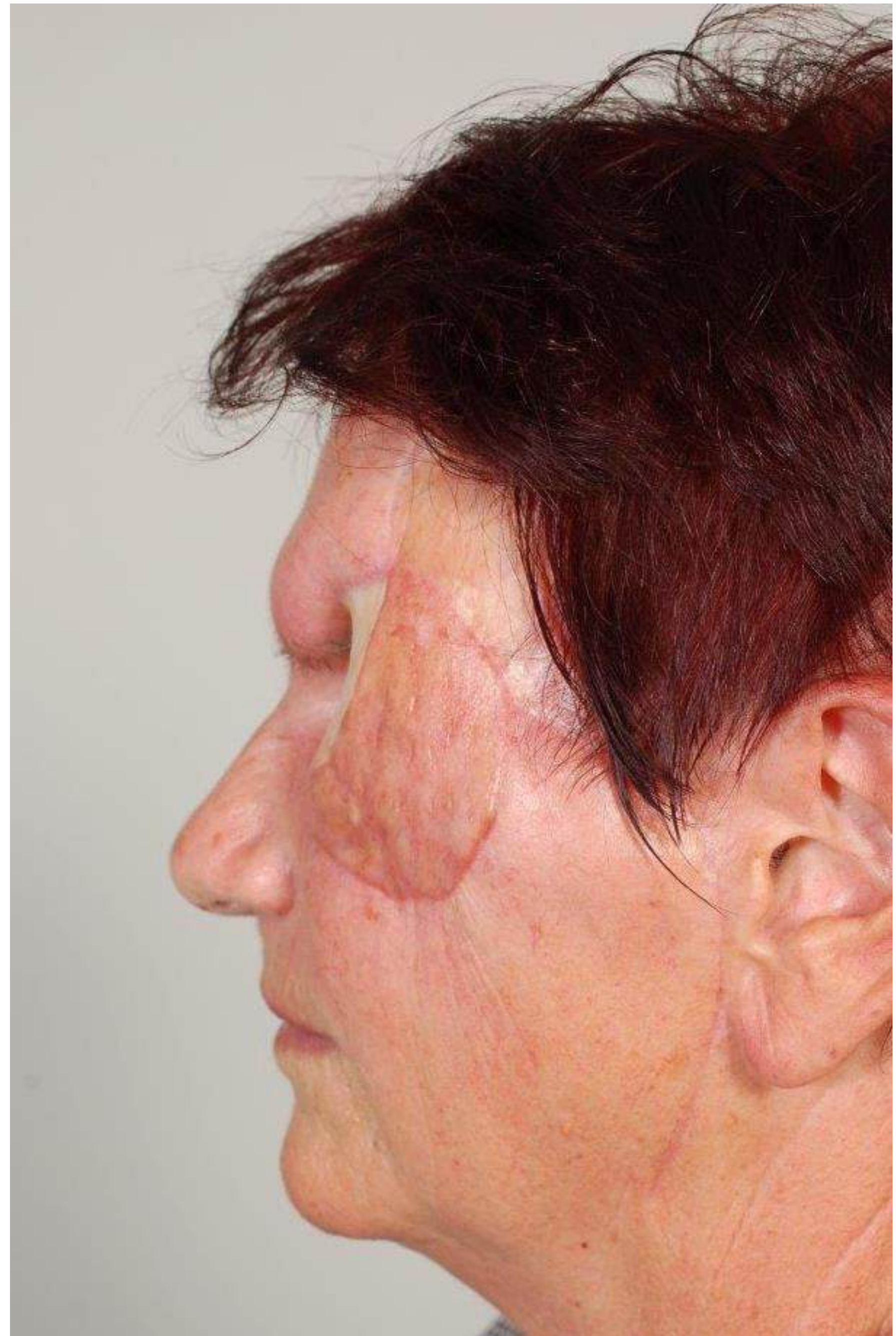
STA



ALT Flap







RECONSTRUCTION OF LARGE FACIAL AND ORBITAL DEFECTS BY COMBINING FREE FLAP TRANSFER WITH CRANIOFACIAL PROSTHESIS

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SUMMARY

The reconstruction of complex craniofacial and orbital defects should satisfactorily restore functional and aesthetic integrity. Autologous reconstruction of nasal, periorbital and auricular facial subunits as a whole using a locoregional or a free flap is very challenging and the results are not sometimes ideal. With advanced technologies that are currently available it is possible to

plan and produce authentic facial prosthesis that can satisfactory substitute these facial subunits. We demonstrate an alternative reconstructive concept for complex craniofacial defects based on a free flap combined with a facial prosthesis for the replacement of periorbital or auricular facial subunits. This approach was used in two patients with very satisfactory results. Combination of a free flap with a facial prosthesis may become a preferable approach for the recon-

struction of complex craniofacial defects. Clinical outcomes of the reconstructions may be enhanced respecting the principle of aesthetic facial subunits.

KEYWORDS

Free flap, craniofacial, epithesis, combination, reconstruction, orbital, auricular

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