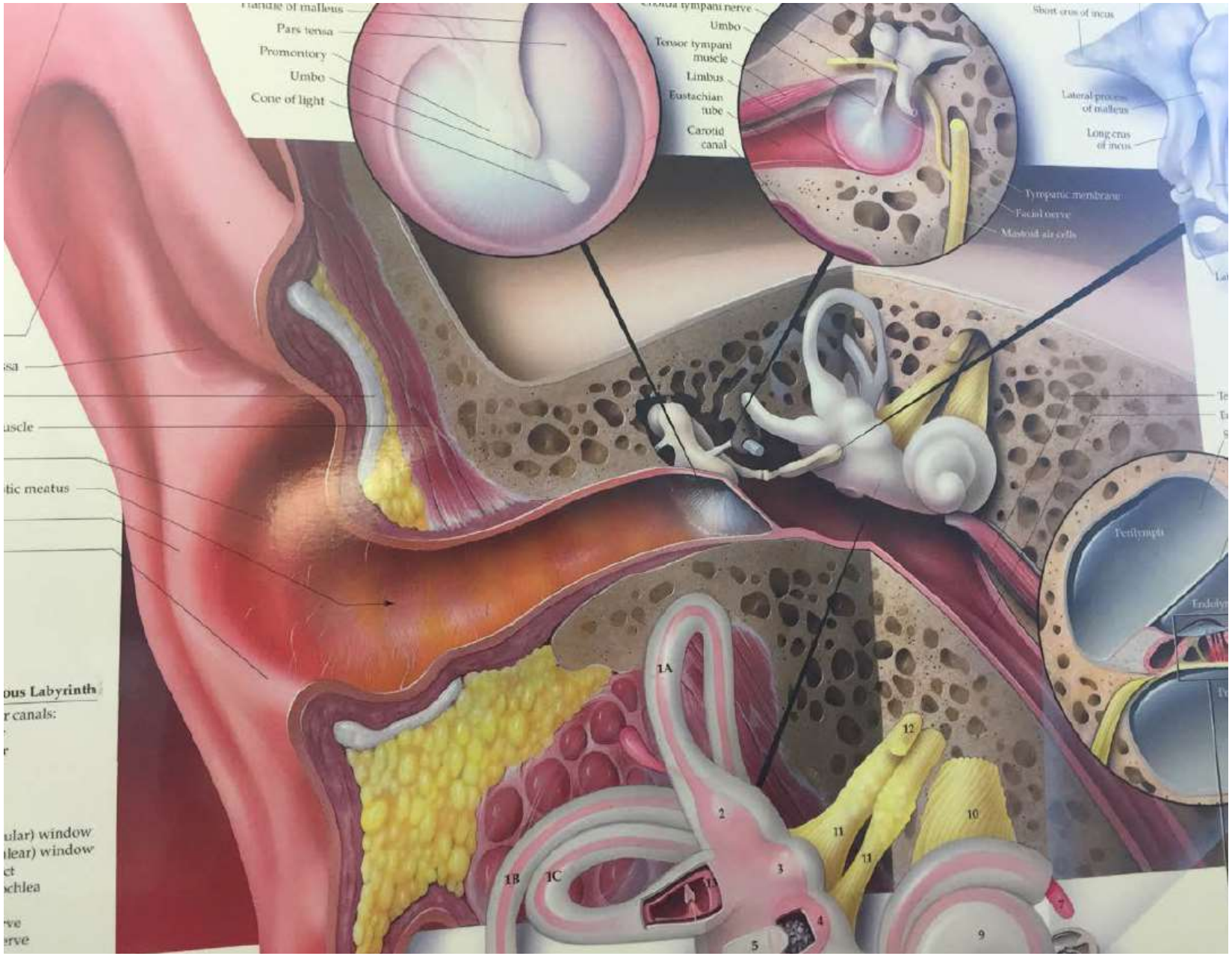
Handle of malleus
Pars tensa
Promontory
Umbo
Cone of light
Umbo
Tensor tympani muscle
Limbus
Eustachian tube
Carotid canal
Short crus of incus
Lateral process of malleus
Long crus of incus
Tympanic membrane
Facial nerve
Mastoid air cells
Perilymph
Endolym
1A
1B
1C
2
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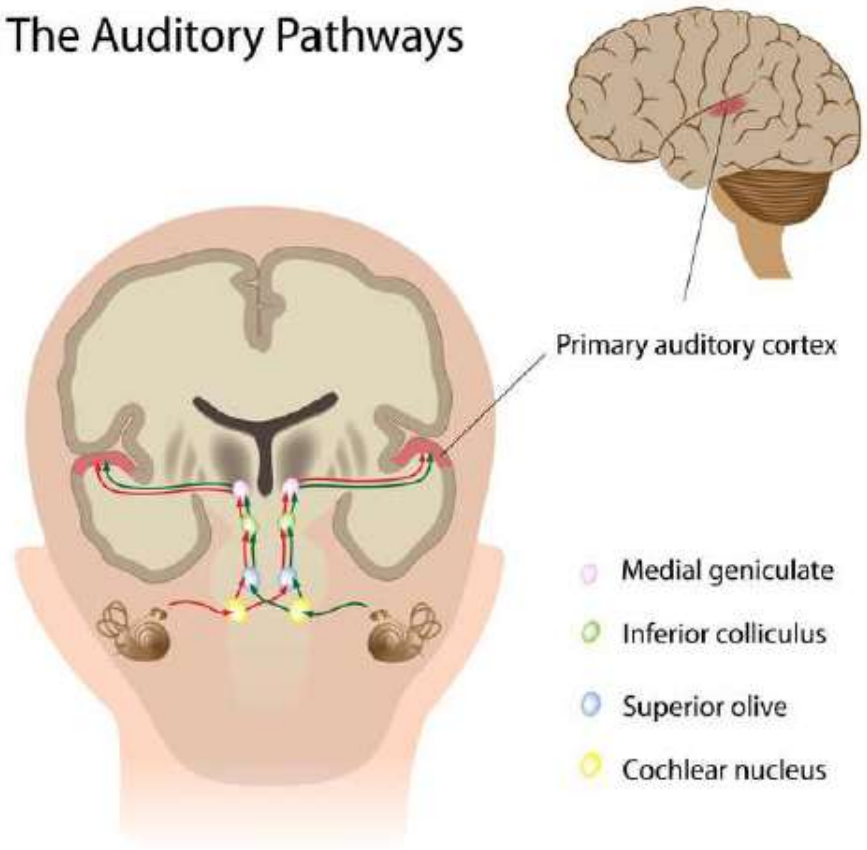
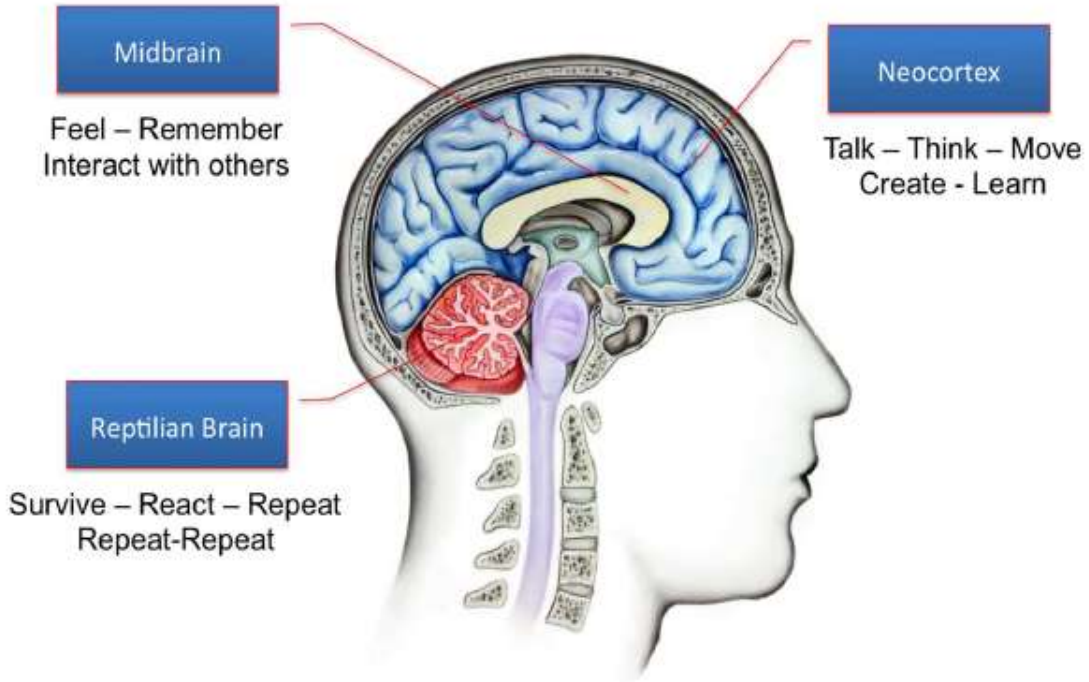
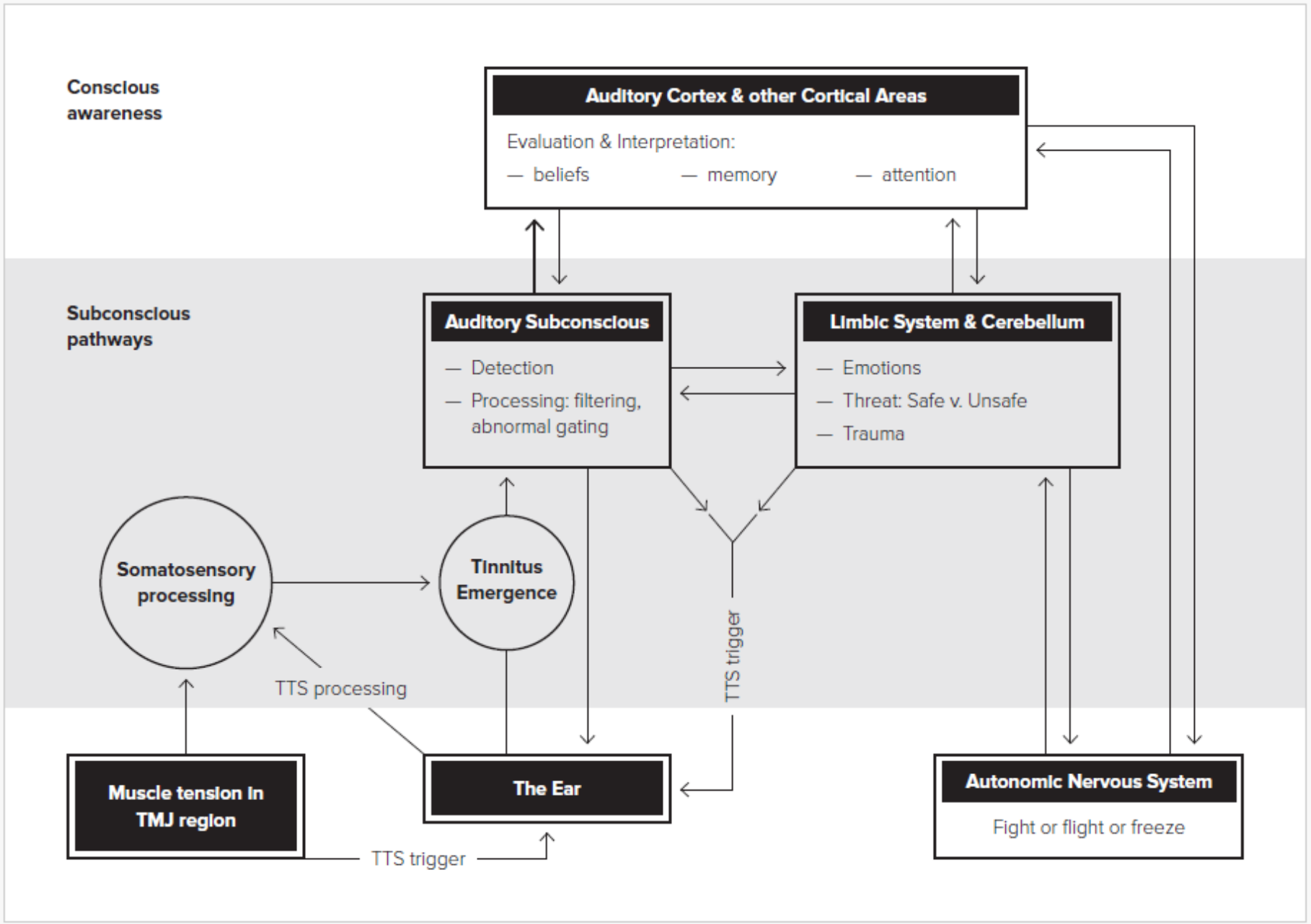
The Auditory Pathways






Conscious awareness
Auditory Cortex & other Cortical Areas
Evaluation & Interpretation:
— beliefs
— memory
— attention
Subconscious pathways
Auditory Subconscious
— Detection
— Processing: filtering, abnormal gating
Limbic System & Cerebellum
— Emotions
— Threat: Safe v. Unsafe
— Trauma
Somatosensory processing
Tinnitus Emergence
TTS processing
TTS trigger
Muscle tension in TMJ region
The Ear
TTS trigger
Autonomic Nervous System
Fight or flight or freeze