

Where do most of the axons in the MLF at the mid-medulla level terminate?

Spinal cord

What somatic sensory and vestibular signs would you expect to observe in a patient with an infarction of the dorsolateral medulla?

Loss of pain and temperature senses on the ipsilateral side of the face and the contralateral side of the limbs and trunk; vertigo

Through what decussation do most of the axons from the ventral cochlear nucleus cross the midline?

Trapezoid body

Are the axons of the ventral cochlear nucleus entirely crossed?

no

Where do the axons of dorsal cochlear neurons synapse?

Contralateral inferior colliculus

What are the nuclear origins of the axons in the trapezoid body?

Mostly the ventral cochlear nucleus

What is the source of axons in the brachium of the superior colliculus?

Inferior colliculus

What accounts for the difference in locations of the medial geniculate at the midbrain and pretectal levels?

The medial geniculate nuclei hang below the ventral surface of the thalamus; they are therefore sectioned with the midbrain