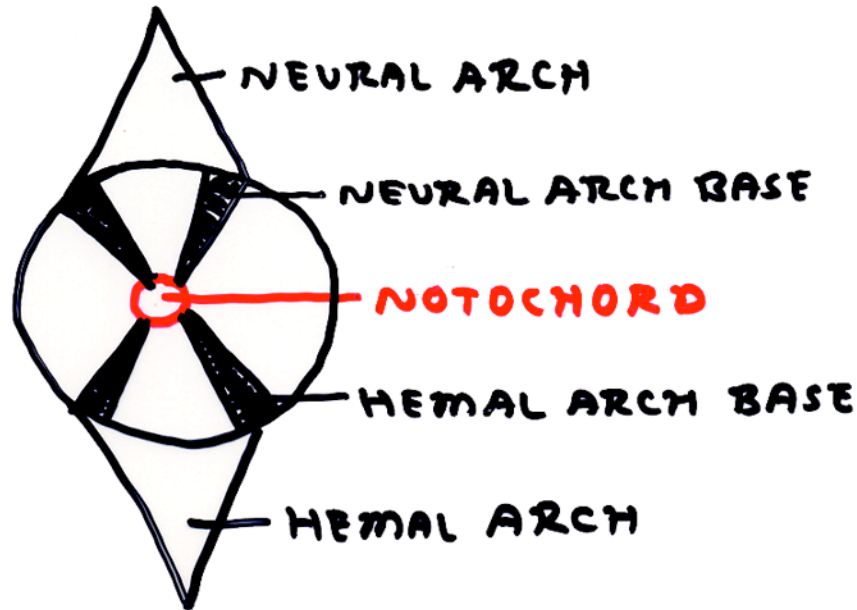


VERTEBRAL BODY OF SHARK / ACTINOPTERYGIA

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CROSS-SECTION



ARCH BASES = CALCIFIED CARTILAGE

REST OF VERTEBRAE = CARTILAGE (SHARK) OR BONE (ACTINOPTERYGIA)

CHANGE IN TERMINOLOGY

NEURAL ARCH BASE = PLEUROCENTRUM

HEMAL " " = HYPOCENTRUM

EVOLUTIONARY TREND

ARCH BASES PERSIST IN MODIFIED FORM IN TETRAPODS & THEIR FISH ANCESTORS (SARCOPTERYGIA)