



# Duvernoy's Atlas of the Human Brain Stem and Cerebellum: High-Field MRI, Surface Anatomy, Internal Structure, Vascularization and 3 D Sectional Anatomy

*By Thomas P. Naidich, Henri M. Duvernoy, Bradley N. Delman, A. Gregory Sorensen, Spyros S. Kollias, E. Mark Haacke*

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This atlas instills a solid knowledge of anatomy by correlating thin-section brain anatomy with corresponding clinical magnetic resonance images in axial, coronal, and sagittal planes. The authors correlate advanced neuromelanin imaging, susceptibility-weighted imaging, and diffusion tensor tractography with clinical 3 and 4 T MRI. Each brain stem region is then analyzed with 9.4 T MRI to show the anatomy of the medulla, pons, midbrain, and portions of the diencephalon with an in-plane resolution comparable to myelin- and Nissl-stained light microscopy. The book's carefully organized diagrams and images teach with a minimum of text.

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