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Titolo	Temporal Bone CT and MRI Anatomy : A Guide to 3D Volumetric Acquisitions // by Jan Kopiva, Jan Žižka
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ISBN	3-319-08242-6
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Descrizione fisica	1 online resource (220 p.)
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Soggetti	Radiology Otolaryngologic surgery Neurosurgery Human anatomy Imaging / Radiology Head and Neck Surgery Anatomy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- Temporal bone imaging techniques -- MDCT and MRI -- Axial CT images -- Coronal CT images -- Oblique coronal (Stenvers) CT images -- Axial MR images -- Alphabetical index.
Sommario/riassunto	This book, featuring more than 180 high spatial resolution images obtained with state-of-the-art MDCT and MRI scanners, depicts in superb detail the anatomy of the temporal bone, recognized to be one of the most complex anatomic areas. In order to facilitate identification of individual anatomic structures, the images are presented in the same way in which they emanate from contemporary imaging modalities, namely as consecutive submillimeter sections in standardized slice orientations, with all anatomic landmarks labeled. While various previous publications have addressed the topic of temporal bone anatomy, none has presented complete isotropic submillimeter 3D

volume datasets of MDCT or MRI examinations. The Temporal Bone MDCT and MRI Anatomy offers radiologists, head and neck surgeons, neurosurgeons, and anatomists a comprehensive guide to temporal bone sectional anatomy that resembles as closely as possible the way in which it is now routinely reviewed, i.e., on the screens of diagnostic workstations or picture archiving and communication systems (PACS).

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