Record Nr. UNINA9910465784003321 Autore Damasio Hanna Titolo Human brain anatomy in computerized images [[electronic resource] /] / Hanna Damasio New York, N.Y., : Oxford University Press, c2005 Pubbl/distr/stampa **ISBN** 0-19-803705-8 1-280-83838-8 1-4294-2143-6 Edizione [2nd ed.] Descrizione fisica 1 online resource (559 p.) Disciplina 611/.81 Brain - Tomography Soggetti Brain - Magnetic resonance imaging Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contents: List of Structures Identified in the Figures and Their Abbreviations; 1 Introduction; 2 Exterior Description of a Normal Dolichocephalic Brain; 3 Exterior Description of a Brachicephalic Brain; 4 Exterior Description of Another Brachicephalic Brain: 5 An Alphabet of Normal Brains; 6 Quantifying Neuroanatomic Differences; 7 Sections through Dolicho; Canto-meatal incidence: axial slices; Canto-meatal incidence: coronal slices; Hyperextension incidence: axial slices; Hyperextension incidence: coronal slices; Posterior fossa incidence: axial slices; Parasagittal incidence Brodmann's fields8 Sections through Brachi-1; Canto-meatal incidence: axial slices; Canto-meatal incidence: coronal slices; Hyperextension incidence: axial slices; Hyperextension incidence: coronal slices; Posterior fossa incidence: axial slices; 9 Sections through Brachi-2; Canto-meatal incidence: axial slices; Hyperextension incidence: axial slices; Posterior fossa incidence: axial slices; 10 Application to Lesion Studies: A left parietal lesion: A left calcarine lesion: A right temporal lesion; A left frontal lesion (subcortical); References Index of Anatomical Structures Seen in the FiguresA; C; F; G; H; I; L; M;

O; P; Q; R; S; T; U

Sommario/riassunto

Modern tomographic scans are revealing the structure of the human brain in unprecedented detail. This spectator progress, however, poses a critical problem for neuroscientists and practitioners of brain-related professions: how to find their way in the current tomographic images so as to identify a particular brain site, be it normal or damaged by disease? The problem is made all the more difficult by the large degree of individual neuroanatomical variation. Prepared by a leading expert in advanced brain-imaging techniques, this unique atlas is a guide to the localization of brain structures t