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Altri autori (Persone)	CattinF RisoldPierre-Yves
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction. Material and Methods -- Structure, Functions, and Connections: Preliminary Remarks -- Structure.- Cornu Ammonis (Hippocampus Proper) -- Gyrus Dentatus (Fascia Dentata, Gyrus Involutus) -- Structures Joined to the Hippocampus -- Functions and Connections -- Learning and Memory -- Emotional Behavior.-Motor Control -- Hypothalamus -- Comparative Studies.- Anatomy: Preliminary Remarks.- Hippocampal Body -- Intraventricular Part -- Extraventricular or Superficial Part.- Relations with Adjacent Structures -- Hippocampal Head -- Intraventricular Part.-Extraventricular or Uncal Part.- Relations of the Uncus with Adjacent Structures.- Hippocampal Tail.- Intraventricular Part.-Extraventricular Part.- Relations with Adjacent Structures.- General Features. Vascularization: Superficial (Leptomeningeal) Blood Vessels.- Superficial Hippocampal Arteries -- Superficial Hippocampal Veins -- Intrahippocampal (Deep) Blood Vessels -- Intrahippocampal Arteries.- Intrahippocampal Veins -- Hippocampal Head.- Vascular Network. Coronal, Sagittal and Axial Sections of the Hippocampus Showing its Relationships with the Surrounding Structures (after intravascular india ink injection) -- Sectional Anatomy and Magnetic Resonance Imaging: Coronal Sections -- Sagittal Sections -- Axial Sections -- References -- Index.

## Sommario/riassunto

This new edition, like previous ones, offers a precise description of the anatomy of the human hippocampus based upon neurosurgical progress and the wealth of medical imaging methods available. The first part describes the fine structures of the hippocampus and is illustrated with new original figures. A survey is then provided of current concepts explaining the functions of the hippocampus, and the external and internal hippocampal vascularization is precisely described. The last and main part of the book presents serial sections in coronal, sagittal, and axial planes; each section is accompanied by a drawing to explain the MR 3T images. The new edition is also enriched by several MRI views of major hippocampal diseases. This comprehensive atlas of human hippocampal anatomy will be of interest to all neuroscientists, including neurosurgeons, neuroradiologists, and neurologists.

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