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Descrizione fisica	1 online resource (229 p.)
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Soggetti	Nervous system - Surgery Psychiatry Neurology Neurosurgery
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Related circuitry and synaptic connectivity in psychiatric disorders -- Neuroimaging in psychiatric disorders -- Neuroimaging in psychiatry -- DBS in psychiatry and the pendulum of history -- Ablative surgery for neuropsychiatric disorders: past, present, future -- Legal issues in behavioral surgery -- Preoperative evaluation and postoperative follow-up of deep brain stimulation for psychiatric disorders -- Ablative surgery for depression -- Deep Brain Stimulation for the Management of Treatment-refractory Major Depressive Disorder -- Ablative surgery for obsessive-compulsive disorders -- DBS for Obsessive-Compulsive Disorder -- Focused Ultrasound for the treatment of Obsessive-Compulsive Disorder -- Deep Brain Stimulation for Tourette Syndrome -- Stereotactic neurosurgery for Drug Addiction -- Surgical Treatments for Anorexia Nervosa -- Neurosurgery for the Treatment of Refractory Schizophrenia -- Surgical management for aggressive behavior -- Deep Brain Stimulation in Aggressive Behavior -- Radiosurgery for psychiatric disorders.

This book describes contemporary clinical practice in the application of neurosurgical methods to the treatment of psychiatric disorders. It covers diverse topics such as neuroimaging, ethics and a historical review, Gamma Knife and High Frequency Ultrasound ablation, deep brain electrical stimulation and preoperative evaluation and postoperative follow-up. Its application in Obsessive Compulsive Disorder, Major Depression, Tourette syndrome, Addiction, Anorexia, Aggression and Schizophrenia are discussed in separated chapters. This book presents concise information provided by clinical and academic practitioners and will facilitate the application of neurosurgical treatment techniques to patients. Editor Bomin Sun is an Associate Professor of Neurosurgery at the Center for Functional Neurosurgery, Ruijin Hospital, Shanghai, China. Editor Antonio De Salles is Professor at the Department of Neurosurgery, University of California, Los Angeles, CA, USA.
