
Contents

1	Related Circuitry and Synaptic Connectivity in Psychiatric Disorders	1
	Jean-Jacques Lemaire	
2	High-angular diffusion MRI in reward-based psychiatric disorders	21
	Wenwen Yu, Qiming Lv, Chencheng Zhang, Zhuangming Shen, Bomin Sun and Zheng Wang	
3	Neuroimaging in Psychiatry	35
	Chuantao Zuo and Huiwei Zhang	
4	DBS in Psychiatry and the Pendulum of History	47
	Marwan I. Hariz	
5	Ablative Surgery for Neuropsychiatric Disorders: Past, Present, Future.	53
	Yosef Chodakiewitz, John Williams, Jacob Chodakiewitz and Garth Rees Cosgrove	
6	Legal Issues in Behavioral Surgery	69
	Sam Eljamel	
7	Preoperative Evaluation and Postoperative Follow-up of Deep Brain Stimulation for Psychiatric Disorders	77
	Loes Gabriëls, Hemmings Wu and Bart Nuttin	
8	Ablative Surgery for Depression	87
	Sam Eljamel	
9	Deep Brain Stimulation for the Management of Treatment-Refractory Major Depressive Disorder	95
	Nir Lipsman, Peter Giacobbe and Andres M. Lozano	
10	Ablative Surgery for Obsessive-Compulsive Disorders	105
	Roberto Martinez-Alvarez	

11	DBS for Obsessive-Compulsive Disorder	113
	Mayur Sharma, Emam Saleh, Milind Deogaonkar and Ali Rezai	
12	Focused Ultrasound for the Treatment of Obsessive-Compulsive Disorder	125
	Young Cheol Na, Hyun Ho Jung and Jin Woo Chang	
13	Deep Brain Stimulation for Tourette Syndrome	143
	Jianuo Zhang, Yan Ge and Fangang Meng	
14	Stereotactic Neurosurgery for Drug Addiction	161
	Guodong Gao and Xuelian Wang	
15	Surgical Treatments for Anorexia Nervosa.	175
	Bomin Sun, Dianyou Li, Wei Liu, Shikun Zhan, Yixin Pan and Xiaoxiao Zhang	
16	Neurosurgery for the Treatment of Refractory Schizophrenia.	189
	Bomin Sun, Wei Liu, Shikun Zhan, Qianqian Hao, Dianyou Li, Yixin Pan, Yongchao Li and Guozhen Lin	
17	Surgical Management for Aggressive Behavior.	203
	Wei Wang and Peng Li	
18	Deep Brain Stimulation in Aggressive Behavior	211
	Giuseppe Messina, Giovanni Broggi, Roberto Cordella and Angelo Franzini	
19	Radiosurgery for Psychiatric Disorders	217
	Antônio De Salles and Alessandra A. Gorgulho	
Index	227