

Contents

List of contributors *page viii*

Part I The woman with epilepsy

1	Introduction: why we wrote this book Martha J. Morrell	3
2	On being a woman with epilepsy Lisa Zobian Lindahl	7
3	The woman with epilepsy: a historical perspective Orrin Devinsky	17
4	Quality of life issues for women with epilepsy Joyce A. Cramer	35

Part II Epilepsy diagnosis and treatment

5	The genetics of epilepsy Melodie R. Winawer and Ruth Ottman	47
6	Epilepsy: epidemiology, definitions, and diagnostic procedures Simon Shorvon and Dominic Heaney	57
7	Antiepileptic drugs and other treatments for epilepsy Jacqueline A. French	68
8	Epilepsy in children and adolescents Patricia Crumrine	77

vi	Contents	
9	Nonepileptic seizures Steven C. Schachter	89
Part III	Hormones and the brain	
10	Brain differences Paula Shear and Rosemary Fama	101
11	Sex hormones and how they act in the brain: a primer on the molecular mechanisms of action of sex steroid hormones Philip A. Schwartzkroin	112
12	Epilepsy and the menstrual cycle Patricia O. Shafer and Andrew G. Herzog	119
13	Menopause and epilepsy Fariha Abbasi and Allan Krumholz	131
Part IV	Health challenges for women with epilepsy	
14	Reproductive health for women with epilepsy Martha J. Morrell	145
15	Sexual dysfunction in epilepsy Martha J. Morrell	152
16	Bone health in women with epilepsy Robert Marcus	164
17	Psychiatric complications in epilepsy Laura Marsh	171
Part V	Family planning, pregnancy, and parenting	
18	Family planning and contraceptive choice Pamela M. Crawford	197
19	Pregnancy risks for the woman with epilepsy Mark Yerby and Yasser Y. El-Sayed	203

vii	Contents	
20	Risks of birth defects in children born to mothers with epilepsy Aline T. Derdarian and Yasser Y. El-Sayed	215
21	Neurocognitive outcome in children of mothers with epilepsy Kimford J. Meador	222
22	Parenting for women with epilepsy Mimi Callanan	228
Part VI	Living well with epilepsy	
23	The impact of epilepsy on relationships Patricia A. Gibson	237
24	Parenting the daughter with epilepsy Joan Kessner Austin and Janet Austin Tooze	249
25	Safety issues for women with epilepsy Patricia Dean	263
26	Legal issues facing women with epilepsy Jeanne Carpenter	269
27	Work issues and epilepsy Jim Troxell	281
	<i>Appendix</i> The Epilepsy Foundation’s Campaign for Women’s Health: bringing help and hope to women with epilepsy Elizabeth A. Borda	287
	<i>Index</i>	291