

CONTENTS

Contributors ix

SECTION I: SEX DIFFERENCES IN PAIN: EPIDEMIOLOGY, PAIN PERCEPTION, AND ANALGESIC RESPONSES

- 1 Epidemiology of Pain Conditions
with Higher Prevalence in
Women 3**
Linda LeResche
- 2 Sex Differences in Experimental
Pain Responses 16**
*Christopher D. King, Margarete
Ribeiro-Dasilva, and Roger B. Fillingim*
- 3 Brain Imaging: Sex Differences in
Cerebral Responses to Pain 35**
Katy Vincent and Irene Tracey

4 Sex Differences in Analgesic Responses: Clinical and Experimental Studies 54

*Marieke Niesters, Albert Dahan, Leon Aarts,
and Elise Sarton*

SECTION II: BIOPSYCHOSOCIAL FACTORS CONTRIBUTING TO SEX DIFFERENCES

- 5 Sex-Dependent Genetic Contributions
to Pain and Analgesia 69**
Jeffrey S. Mogil
- 6 Role of Sex Hormones in Pain
and Analgesia 82**
Rebecca Craft

7 Role of Psychosocial Factors and Psychological Interventions 94

Edmund Keogh

SECTION III: FEMALE-SPECIFIC PAIN

8 Current Management of Labor Pain 109

Cynthia A. Wong

9 Pain in Pregnancy 122

Maryam Jowza, Geeta Nagpal, Christopher M. Viscomi, and James P. Rathmell

10 The Opioid-Tolerant Pregnant Patient 135

Nilda E. Salaman and May L. Chin

11 Chronic Pelvic Pain: Dysmenorrhea and Endometriosis 151

Amy Stenson and Andrea J. Rapkin

12 Vulvodynia 175

Ursula Wesselmann and Peter Czakanski

13 Persistent Pain after Breast Cancer Treatment 186

Kenneth Geving Andersen and Henrik Kehlet

14 Interventional Techniques for Pelvic Cancer Pain 198

Kari Kopko Bancroft and Oscar A. de Leon-Casasola

SECTION IV: PAINFUL CONDITIONS WITH FEMALE PREVALENCE

15 Fibromyalgia and Chronic Fatigue Syndrome 209

Alethia Baldwin Sellers and Daniel Clauw

16 Complex Regional Pain Syndrome 229

Marissa de Mos and Frank J. P. M. Huygen

17 Irritable Bowel Syndrome 246

Margaret D. Eugenio, Monica E. Jarrett, and Margaret M. Heitkemper

18 Interstitial Cystitis/Bladder Pain Syndrome 258

Meredith T. Robbins and Timothy J. Ness

19 Chronic Pelvic Pain of Uncertain Origin 273

Andrew Baranowski

20 Cardiac Pain in Women 284

Eileen Handberg and Marian Limacher

21 Migraine in Women 297

Satnam S. Nijjar, Jason Rosenberg, and B. Lee Peterlin

22 Temporomandibular Joint Disorders and Orofacial Pain 311

Asma A. Khan, William Maixner, and Pei Feng Lim

Index 325