

1. Record Nr.	UNINA9910827420903321
Titolo	Menstrual cycle [[electronic resource] ] : signs and symptoms, psychological/behavioral changes and abnormalities // Madeleine Gosselin, editor
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science Publishers, Inc., 2013
ISBN	1-62417-946-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (161 p.)
Collana	Human reproductive system--anatomy, roles and disorders Obstetrics and gynecology advances
Altri autori (Persone)	GosselinMadeleine
Disciplina	612.6/62
Soggetti	Menstrual cycle
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- MENSTRUAL CYCLE: SIGNS AND SYMPTOMS, PSYCHOLOGICAL/BEHAVIORAL CHANGES AND ABNORMALITIES -- MENSTRUAL CYCLE: SIGNS AND SYMPTOMS, PSYCHOLOGICAL/BEHAVIORAL CHANGES AND ABNORMALITIES -- Library of Congress Cataloging-in-Publication Data -- Contents -- Preface -- Chapter I: Evolution of the Menstrual Cycle -- Abstract -- Introduction -- The Menstrual Cycle -- Menstruation Does Not a Menstrual Cycle Make -- Overview of the Ovarian Cycle -- The Uterine Cycle and the Ovarian Cycle -- Possible Functions of Menses: -- Current Hypotheses -- A By-Product of Spontaneous Decidualization? -- A Useful Consequence of Menses -- Possible Functions of Extended Receptivity -- Extended Receptivity, Continuous Receptivity, and Permanent Receptivity -- Extended Receptivity to Prevent Infanticide -- Flexible Mating Strategies -- Permanent Receptivity in Humans -- Concealed Ovulation... Revealed -- Why Advertise/Hide Ovulation? -- Cycle-Dependent Changes in Women -- Behavioral Changes -- Cognitive and Perceptual Changes -- Physical Changes -- Cycle-Dependent Changes in Other Women -- Cycle-Dependent Changes in Men -- Behavioral Changes -- Cognitive/Perceptual Changes -- Physical Changes -- Implications of Cycle-Dependent Changes and Men's Detection of Them -- Conclusion -- Signalling, Leaky Cues, or By-Product? -- Dual Sexual Strategy Theory: State of the Art? --

Acknowledgments -- References -- Chapter II: Functional and Structural Brain Alterations Associated with Menstrual Pain -- Abstract -- Section I. Introduction -- 1.1. Clinical Features -- 1.2. Prevalence -- 1.3. Comorbidities -- 1.4. Pathophysiology -- 1.5. Chronification of Pain -- Section II. Structural and Functional Alterations in the Brain of Dysmenorrhea Patients -- 2.1. Visceral Pain Processing in the Brain -- 2.2. Structural Brain Alterations in Dysmenorrhea. 2.2.1. Gray Matter Alterations in Chronic Pain -- 2.2.2. White Matter Alterations in Chronic Pain -- 2.2.3. State- and Trait-Related Grey Matter Alterations -- in Dysmenorrhea -- 2.2.4. State-and Trait-Related White Matter Alterations -- in Dysmenorrhea -- 2.3. Functional Brain Alterations in Dysmenorrhea -- Section III. Possible Impact of Brain -- Alterations in Response to Menstrual Pain -- 3.1. Central Sensitization -- 3.2. Adolescent Health, Pre-Disposition and Comorbidities -- Conclusion -- References -- Chapter III: Toward a More Comprehensive View of Premenstrual Disorders: The Case for Psychological Contributions -- Abstract -- Premenstrual Symptoms and Disorders -- Etiological Theories and Research -- The Case for Psychological Contributions to Premenstrual Disorders -- Symptom Overlap and Comorbidity -- Premenstrual Exacerbation -- Self-Focused Attention and Coping -- in Women with Premenstrual Symptoms -- Psychological Interventions -- Conclusion -- References -- Chapter IV: Effects of Female Sex Hormones on Appetite and Food Intake -- Abstract -- Abbreviations -- Introduction -- Oestrogen Modulation of Food Intake -- Role of Oestrogen Receptors -- Central Effects of Oestrogen -- Peripheral Effects of Oestrogen -- Ghrelin -- Cholecystokinin (CCK) -- Leptin -- Progesterone -- Food Intake during the Menstrual Cycle -- Nutrient Selection -- Cravings -- Role of Endogenous Sex Hormones in the Development -- of Obesity -- Effects of Externally Administered Sex Hormones -- during Reproductive Ages -- Hormonal Contraceptives and Weight Gain -- Hormonal Contraceptives Appetite and Food Intake -- Conclusion -- References -- Chapter V: No Changes in Energy Intake, Resting and Physical Activity Energy Expenditure, or Food Reinforcement Across the Menstrual Cycle -- Abstract -- Introduction -- Materials and Methods -- Participants. Design and Procedure -- Anthropometric Measurements -- Blood Sample -- Temperature Measurements -- Energy Intake -- Pleasantness Ratings of Foods and Beverages Consumed -- Energy Expenditure -- Shortened Premenstrual Assessment Form -- Relative-Reinforcing Value of Food -- Statistical Analyses -- Results -- Characteristics of the Participants -- Hormone Levels and Basal Temperature -- EI, Macronutrient Intake, REE, PAEE and Pleasantness Ratings -- The Occurrence and Severity of PMS and the RRV of Food -- Discussion -- Acknowledgments -- References -- Index.

---