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<b>Titolo</b>	Female Puberty : A Comprehensive Guide for Clinicians / / edited by Jennifer E. Dietrich
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<b>Note generali</b>	Description based upon print version of record.
<b>Nota di bibliografia</b>	Includes bibliographical references and index at the end of each chapters.
<b>Nota di contenuto</b>	Foreword; Preface; Contents; Contributors; Chapter 1: History and Trends of Pubertal Development in Females; History; Early Documentation of Noted Physical Changes; Accepted Norms for Timing of Puberty; Trends; Genetic Factors; Environmental Factors; Conclusion; References; Chapter 2: Normal Pubertal Physiology in Females; Overview of Normal Puberty; Control of the Hypothalamic-Pituitary-Ovarian Axis; The Endocrine Mediators of Puberty; End Organ/Organism Responses to the Pubertal Process; The Onset and Timing of Puberty; Conclusion; References; Chapter 3: Genetics of Puberty Introduction Leptin and Puberty; Kisspeptin: More Than Just a KISS1 ; Neurokinin B and TAC3 ; MKRN3 : The Brake on Puberty?; LIN28B and Other Genes; Conclusion; References; Chapter 4: Psychology and Neurobiology of Puberty; Introduction; Overview; Hypothalamo-Pituitary-Ovarian System; Gonadotropin Releasing Hormone; Gonadotropins, Follicle Stimulating Hormone, and Luteinizing Hormone; Menstrual Cycle; Phase 1: Follicular Phase; Phase 2: Ovulation; Phase 3: Luteal Phase; Endometrium During the Menstrual Cycle/Uterine Cycle [ 38 ]; Menstruation Phase; Proliferative Phase Secretory Phase Stages of Puberty; Psychosocial Development;

References; Chapter 5: Fetal and Neonatal Puberty; The Fetal Ovary; Differentiation of Gonads; Ovarian Development; Follicle Formation; Neonatal Ovary; Development of the Hypothalamic-Pituitary-Ovarian Axis; Fetal Gonadotropins; Neonatal Gonadotropins; Hormone Exposure in the Neonate; Ovarian Cysts; Premature Thelarche; Vulvovaginal Maturation; Pubertal Development in the Low Birth Weight Infant; References; Chapter 6: Central Precocious Puberty; Background; Presentation and Evaluation; GnRH Stimulation Tests Management Counseling; Conclusions; References; Chapter 7: Peripheral Precocious Puberty; Introduction; McCune-Albright Syndrome; Van Wyk-Grumbach Syndrome; Sex Cord Tumors of the Ovary; Germ Cell Tumors; Adrenal Tumors; Adrenal Gland Enzyme Deficiencies; Adrenal Rest Tumors; Summary; References; Chapter 8: Isolated Precocious Puberty; Introduction; Isolated Premature Thelarche; Diagnosis; Management; Isolated Premature Pubarche (Adrenarche); Diagnosis; Management; Isolated Premature Menarche; Diagnosis; Management; References; Chapter 9: Constitutional Delay of Puberty  
Introduction Diagnosis of Constitutional Delay of Puberty; History; Physical Examination; Imaging Studies; Laboratory Evaluation; Treatment of Constitutional Delay of Puberty; References; Chapter 10: Hormonal Causes of Delayed Puberty; Definitions and Incidence; Evaluation; History and Physical; Laboratory and Imaging; Possible Etiologies; Constitutional Delay; Chronic Disease; Hypogonadotropic Hypogonadism; Tumors of the Brain/CNS Disorders; Extreme Exercise; Other Causes; Hypergonadotropic Hypogonadism; Chromosomal Abnormalities; Turner Syndrome; Pure Gonadal Dysgenesis Fragile X Syndrome

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#### Sommario/riassunto

Female Puberty: A Comprehensive Guide for Clinicians is a practical reference, covering the full range of issues related to pubertal development. Developed to answer pointed clinical questions and to provide a thorough review of the literature, the book covers both the basics and the complexities of puberty, encompassing psychosocial development to pubertal nuances in highly specialized populations. Comprehensive in scope, this title offers concepts that are concisely conveyed and chapters that complement each other well. Complex subjects such as details of the hypothalamic-pituitary-ovarian axis are covered in a readily understandable manner, and bullet points throughout the text serve as helpful reminders to the reader. An invaluable contribution to the literature, Female Puberty: A Comprehensive Guide for Clinicians will be of great interest to all health providers concerned with female reproductive health – including obstetrician gynecologists, reproductive endocrine specialists, pediatricians, pediatric specialists, family practitioners, and allied health professionals.

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