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Titolo	Lashley's essentials of clinical genetics in nursing practice // Christine E. Kasper, Tonya A. Schneidereith, Felissa R. Lashley, editors
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Edizione	[Second edition.]
Descrizione fisica	1 online resource (531 p.)
Disciplina	616/.042
Soggetti	Medical genetics Nursing Electronic books.
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 at the end of each chapters and index.
Nota di contenuto	Cover; Title; Copyright; Contents; Contributors; Editor's Note; Preface; Reference; Share Lashley's Essentials of Clinicals Genetics in Nursing Practice: Second Edition; Part I: The Basics; Chapter 1: Genomics in Health Care; Human Genome Project; Increasing Genetic Literacy; Nursing Roles in a Genomic Era; Summary; Key Points; References; Bibliography; Chapter 2: Basic Concepts in Molecular Biology; Chromosomes; Cell Division; Chromosomes and Inheritance; Genes and DNA; Gene Expression; The Genetic Code; Gene Action and Expression; Mutations Molecular Techniques and Tools for Detection and Diagnosis of Genetic DiseasesKey Points; References; Bibliography; Chapter 3: Human Diversity and Variation; We are Not All Genetically Identical; Genetic Individuality; Variations and Polymorphisms in Proteins; Variations and Polymorphisms in DNA; Maintenance of Variation and Polymorphism in Populations; Other Examples of Human Genetic Variation; Key Points; References; Bibliography; Chapter 4: Inheritance Patterns in Human Phenotypes and Types of Genetic Disorders; Inheritance Patterns of Human Phenotypes; Nontraditional Inheritance Single Gene Inherited Biochemical DisordersChromosomal Abnormalities; Factors in Numerical Chromosome Errors; Multifactorial

Disorders; Environmental Disorders; Factors Affecting the Expression of the Phenotype; Summary; Questions for Discussion; References; Bibliography; Chapter 5: Prevention, Genetic Testing, and Treatment of Genetic Disease; Prevention; Genetic and Genomic Testing; Therapeutic Strategies Employed in Genetic Disorders; Key Points; References; Bibliography; Part II: The Integration of Genetics Into Nursing Curricula; Chapter 6: The Application of Genomics to Pharmacology Common Gene Mutations and Variations Affecting Drug MetabolismLess Common Single Gene Disorders with Pharmacogenetic Implications; Ethical, Legal, and Social Issues Related to Pharmacogenomics; Summary; Key Points and Questions for Discussion; Bibliography; Resources; Chapter 7: Assessing Patients With a Genetic "Eye": Family History and Physical Assessment; Family History; Pedigrees; Developmental and Physical Assessment; Suspecting a Genetic Component and Referral to a Geneticist; Key Points; Reference; Bibliography; Chapter 8: Maternal-Child Nursing: Obstetrics Preconception or Prepregnancy CounselingPregnancy; The Vulnerable Fetus and Teratogenesis; Prenatal Detection and Diagnosis; Assisted Reproductive Techniques; Screening Gamete Donors; Newborn Screening; Conclusions; Social and Ethical Issues Associated with Screening; The Future; Key Points; Bibliography; Chapter 9: Maternal-Child Nursing: Pediatrics; Birth Defects; Chromosome Disorders; Inborn Errors of Metabolism; Selected Genetic Disorders Commonly Seen in Childhood; Hemoglobin and Its Inherited Variants; Key Points; Bibliography

Chapter 10: Adult Health and Illness and Medical-Surgical Nursing

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