

- The Building Blocks of Medical and Genetic Terminology
 - Introduction to Medical Terminology
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 - Roots and Combining Forms
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 - Prefixes
 - Formation of Medical Terms
 - Guidelines for Medical Term Formation
 - Deciphering the Meaning of Medical Terms
 - Spelling - Pronunciation
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 - Organs
- Major Body Systems
- Genetics
 - Principles of Heredity
 - Genetic Material
 - The Human Genome Project
 - Alterations in the Genetic Material
 - Mutations
 - Point Mutations
 - Chromosomal Alterations
 - DNA Repair Mechanisms
 - Genetic Disorders
 - Single Gene Inheritance
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 - Chromosomal Abnormalities
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 - Genetic Counselling
 - Gene Editing – CRISPR
 - Acronyms
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- Types of Illness
- Pharmacy, Pharmacology and Drugs
 - Sources of Drugs
 - Forms of Drugs
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- Pharmaceutical Word Parts
- Routes of Administration
- Prescription Abbreviations
- Instructions on Drug Administration
- Pharmacogenomics
- Basic Hospital Vocabulary – Laboratory Equipment
- Chemical Elements and Compounds
- Bioethics
 - The Principles of Bioethics
 - Major Bioethical Issues