



Core Medical Knowledge

1. **Anatomy and Physiology:** Understanding the structure and function of the human body.
2. **Pathophysiology:** Knowledge of how diseases affect body systems.
3. **Pharmacology:** Understanding drug interactions, side effects, and therapeutic uses.
4. **Medical Procedures and Diagnostics:** Proficiency in clinical procedures, diagnostics, and interpretation of test results.
5. **Epidemiology and Public Health:** Principles of disease prevention, health promotion, and epidemiology.

Clinical Skills

1. **Patient Assessment:** Skills in taking medical histories, conducting physical exams, and making differential diagnoses.
2. **Clinical Decision-Making:** Developing treatment plans and making informed decisions under pressure.
3. **Technical Skills:** Proficiency with medical tools and technology, including EHR systems and diagnostic equipment.

Communication Skills

1. **Patient Communication:** Explaining medical conditions and treatment options to patients clearly and compassionately.
2. **Team Collaboration:** Working effectively with a multidisciplinary team of healthcare providers.
3. **Cultural Competence:** Understanding and respecting diverse cultural backgrounds and practices.

Professionalism and Ethics

1. **Medical Ethics:** Knowledge of ethical principles and how to apply them in clinical practice.
2. **Professionalism:** Upholding the standards of the profession, including confidentiality, integrity, and accountability.
3. **Regulatory Knowledge:** Understanding healthcare laws, regulations, and guidelines.

Critical Thinking and Problem-Solving

1. **Analytical Skills:** Ability to analyze complex information and data.
2. **Problem-Solving:** Developing solutions to clinical and logistical problems.

Patient Safety and Quality Improvement

1. **Patient Safety Protocols:** Knowledge of practices to minimize risks and errors.
2. **Quality Improvement:** Methods to improve patient care and operational efficiency.

Research and Evidence-Based Practice

1. **Research Methods:** Understanding basic research methodologies and statistics.
2. **Evidence-Based Practice:** Applying the latest research findings to clinical practice.

Leadership and Management

1. **Leadership Skills:** Ability to lead and manage healthcare teams.
2. **Healthcare Management:** Understanding healthcare systems, policy, and administration.

Technology and Informatics

1. **Health Informatics:** Using data and technology to improve patient care.
2. **Telemedicine:** Providing care remotely using telecommunication technology.

Continuing Education and Lifelong Learning

1. **Continuing Medical Education (CME):** Commitment to ongoing learning to stay current with medical advancements.
2. **Professional Development:** Engaging in activities that promote career growth and skill enhancement.

Personal Skills

1. **Time Management:** Effectively managing time and prioritizing tasks.
2. **Stress Management:** Coping strategies for handling the stresses of the profession.
3. **Emotional Intelligence:** Recognizing and managing one's own emotions and understanding others'.

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