



MG29719 | MITOSIS, 9 PARTS



Anatomical cross-section model of the Gastrointestinal Tract, displaying the small and large intestines with detailed representations of common pathologies such as adhesions, appendicitis, bacterial infections, cancer, Crohn's disease, diverticulitis, polyps, spastic colon, and ulcerative colitis.

Applications:

Ideal for the study and demonstration of gastrointestinal tract pathologies, aiding in the understanding of the anatomy and pathophysiology of the digestive system. Support tool for learning and continuing education in anatomy.

Technical Differentiators:

Detailed representation of anatomical structures and pathologies.

3D Technology and Augmented Reality:

Our anatomical models offer an innovative visual complement through informative cards that activate 3D models viewable in augmented reality (A.R.). This exclusive interactive platform



stimulates learning, allowing comparative analysis of anatomical structures and offering opportunities for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:

- * Cross-section representation of the gastrointestinal tract, small and large intestines.
- * Pathologies represented: adhesions, appendicitis, bacterial infections, cancer, Crohn's disease, diverticulitis, polyps, spastic colon, and ulcerative colitis.

Smart Tags:

Designed to provide comprehensive training in the healthcare field, with interactive simulations covering Abdominal exams. This solution assists in the development of diagnostic skills in different clinical scenarios, allowing professionals and students to explore and enhance their skills with greater safety and precision.

Virtual Patient Monitor: Provides an immersive and realistic training environment for healthcare students. It allows instructors to customize parameters for various vital signs, empowering students to interpret signals, develop critical thinking, and enhance their clinical reasoning skills through realistic scenarios.

Customizable Vital Signs

- Blood Pressure
- SpO2
- Heart Rate

ECG Interpretation: Train on 18 diverse ECG scenarios, including: Atrial Fibrillation, Ventricular Tachycardia and Heart Blocks. The monitor also simulates synchronized pulses with ECG for truly realistic cardiology training.

ECG Patterns

- Sinus Rhythm
- Atrial Extrasystole
- Atrial Flutter
- Atrial Fibrillation
- Paroxysmal Supraventricular Tachycardia (PSVT)
- Ventricular Extrasystole
- Ventricular Tachycardia (VT)
- Ventricular Fibrillation (VF)
- First-Degree Atrioventricular Block (AVB)
- Second-Degree Atrioventricular Block
- Third-Degree Atrioventricular Block (Complete Block)
- Long QT Syndrome
- ST Segment Elevation
- ST Segment Depression
- T Wave Inversion



- Left Ventricular Hypertrophy (LVH)
- Right Ventricular Hypertrophy (RVH)
- Wolff-Parkinson-White Syndrome (WPW)

Breathing Patterns

- Normal
- Dyspnea
- Apnea
- Cheyne-Stokes
- Biot
- Kussmaul

About Anatomical Models:

Developed with resin replication technology, addressing the scarcity of natural anatomical pieces for teaching and research. They present all essential morphological characteristics with excellent cost-benefit, resistance, manual painting, and numbering for precise identification of structures.

List of all visible structures:

- 1 - Interphase
- 2 - Early Prophase
- 3 - Late Prophase / Prometaphase
- 4 - Metaphase
- 5 - Early Anaphase
- 6 - Mid Anaphase
- 7 - Late Anaphase / Beginning of Telophase
- 8 - Early Telophase / Cytokinesis
- 9 - Late Telophase / Completed Cytokinesis