

# PRIMAL PICTURES

Pathophysiology modeled on the **World's best anatomical model**

## DISEASE & CONDITIONS



Disease & Conditions leverage Primal's best in-class anatomy models with expertly written, peer reviewed clinical content to learn anatomy from a clinical perspective.

Either as a companion for the student on a medical ward, or for the clinician explaining a condition to a patient, Disease & Conditions teaches anatomy as it is presented day-to-day.

**“The inguinal canal and hernia is the best I have EVER seen and great for understanding.**

Lewis Goulder – Student  
University of Sheffield School of Medicine, UK

### This product includes:

# 88

## Clinical conditions

In-depth and highly accurate information on 88 clinical conditions written by experts across multiple clinical specialties.

# 80

## Movies

80 focused and concise movies explaining the underlying anatomy and pathophysiology of the conditions.

# 400+

## Slides

400+ labeled slides, featuring both healthy and diseased 3D models.

# 250+

## PDFs

A collection of over 250 pdfs explaining causes, symptoms, and treatments specific to conditions.

**Tumor invading muscularis externa**

**Neurons** are the functional units of nervous tissue. Each neuron responds to, transmits, and communicates stimuli by releasing various **neurotransmitters** via **neuronal synapses**.

Maintaining the shape and structure of neurons is critical for neurons to function well. This is achieved by cytoskeletal elements called **microtubules**.

It results in the production and build-up of **thick mucus**.

Mucus is a fluid, which is normally thin and sticky in consistency. It protects the **epithelial lining** of several organs and systems in the body.

In the respiratory tract, **goblet cells** produce the mucus. Its stickiness functions to trap bacteria and debris in the airways.

It is also thin in consistency, allowing the mucus to be easily swept out of the lungs via the movement of hair-like projectors that line the airways, known as **cilia**.

This process is called **mucociliary clearance**.

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### It is perfect for:

- Understanding the relationship between anatomy and clinical presentation, with video, slide and written content.
- Teaching in small and large group settings with concise movies that enhance engagement and promote discussion.
- Preparing revision materials or patient education materials with printable PDFs.
- Supplementing your other Primal products with even more clinical content and consistent, high-quality 3D visuals.
- Enlivening presentations, patient education handouts, and course materials with simple-to-use global save, share and embed features.

Disease & Conditions is included in: **PREMIER PACKAGE**  
**HEALTHCARE SOLUTION**  
**MEDICAL EDUCATION SOLUTION**  
**NURSING & MIDWIFERY EDUCATION SOLUTION**

Compatible with **macOS**, **iOS**, **Windows** and **Android**.