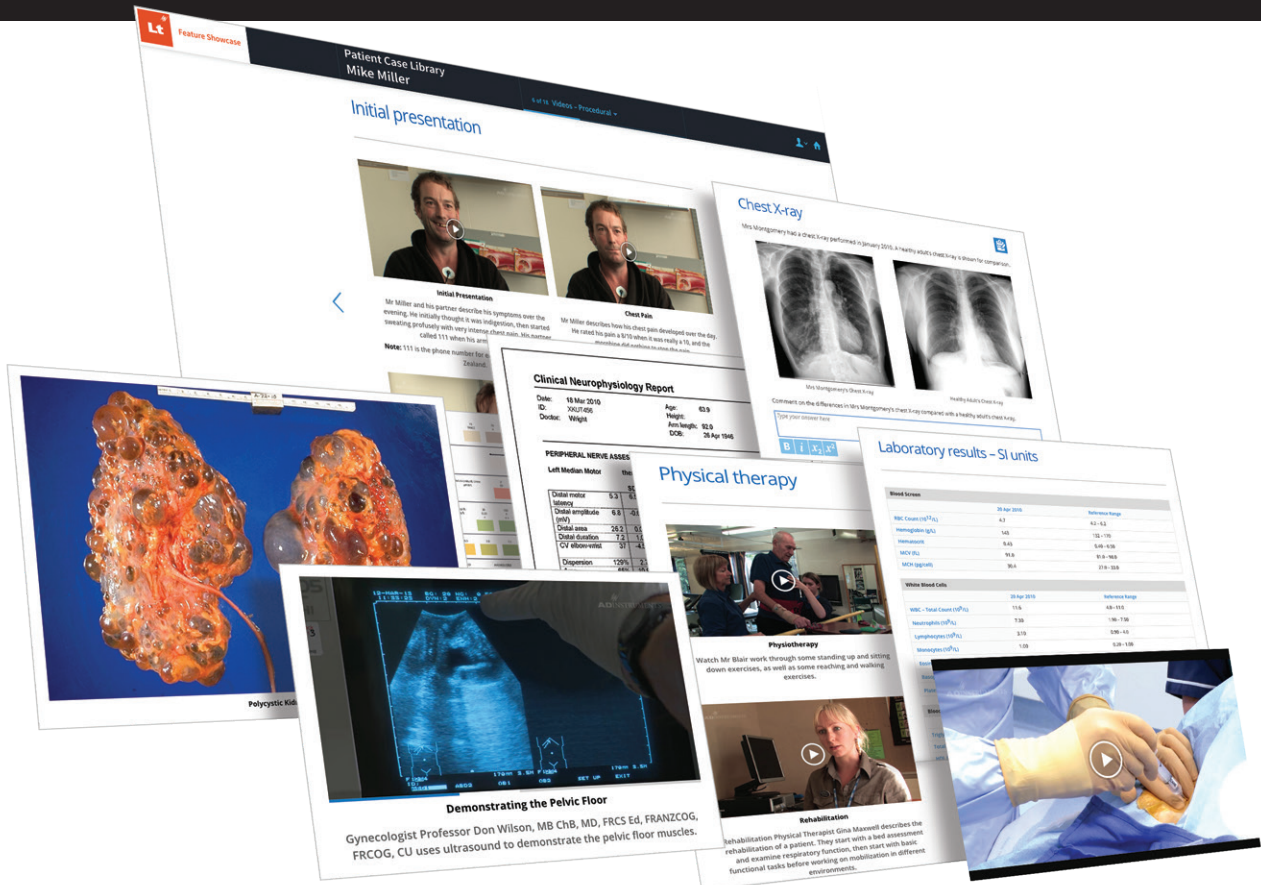




**CREATE  
SHARE  
INSPIRE.**

# Preclinical Medicine Collection

Beyond the basics with real life experiences



Lt is a cloud-based learning platform for health professional courses that helps you bridge the gap between theory and practice.

Our Preclinical Medical Collection allows you to give students intimate access to a real patient's journey within the safe environment of an online learning platform.

Each of our modules centers on a real patient case study. Students follow an individual patient from first presentation, through diagnosis and treatment, with insights from the patient, their medical records and healthcare professionals along the way. With 14 customizable modules, students can explore core concepts in human physiology and medicine, as well as understanding their future role in patient healthcare.

### Customize our content for your course

Lessons are developed by our team of Instructional Designers using material from our Patient Case Library, which is a rich resource for medical education content that includes videos and images from real-life cases. Every component in a lesson can be quickly and easily edited, removed or copied into other lessons, giving you total control of your content and curriculum.



Improved efficiency



Increased student engagement



Improved results in theory and clinical practice



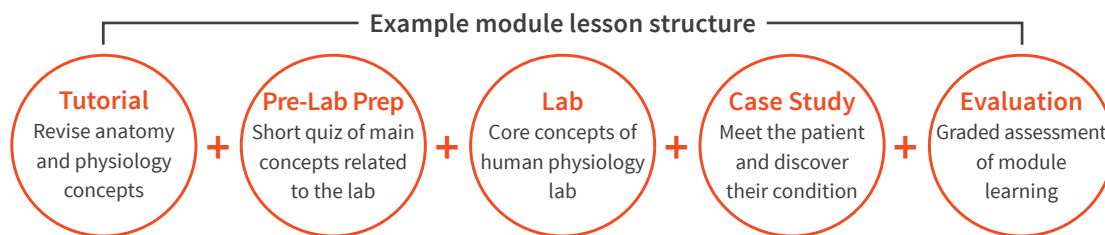
Increased student pass rates

*“Authoring in Lt is so easy and intuitive - it's only limited by your imagination.”*

- **Tony Wales**, Lecturer, Nursing  
University of the West of Scotland



## Immersive modules are designed for active learning

**Autonomic Nervous System**

Divisions and Dysfunction of the Autonomic Nervous System, Mr Wolfe's experiences with Type 2 diabetes, and peripheral neuropathy.

**Blood Pressure**

Blood Pressure, Flow, Resistance, and Blood Pressure Regulation, Mr Lester's experience with angina pectoris and hypertension.

**Body Temperature**

Thermoregulation, Liam McFadden's experience with fever.

**Brain Structure and Reflexes**

Brain Structure, Reflexes, Brain Blood Supply, and Mr West's experience with stroke.

**Getting Started with Lt**

An introduction to data sampling in Lt where students practice recording and analyzing some finger pulse data, and becoming familiar with features of Lt.

**Glucose Absorption**

Digestion, Absorption, Glucose Homeostasis, and Mrs Campbell's experience with Type 1 diabetes.

**Heart and ECG**

ECG Basics, Cardiac Axis, Abnormal ECGs, and Mr Miller's experience with coronary arterial disease and myocardial infarction.

**Heart and Peripheral Circulation**

Circulatory System, and Mr Dixon's experience with peripheral vascular disease and claudication.

**Heart Sounds**

Cardiac Cycle, Heart Valves, and Mr Hinton's experience with aortic stenosis.

**Kidney and Urine**

Kidney Anatomy, Glomerular and Tubular Function, Fluid and Electrolyte Balance, Urine and Micturition, and Dr Ashmore's experience with polycystic kidney disease and kidney transplant.

**Lung Volumes**

Lung Anatomy, Airflow, Spirometry, and Mrs Montgomery's experience with chronic obstructive pulmonary disorder (COPD).

**Muscle and EMG**

EMG and Muscular Conditions, and Ms Pearson's experience with myasthenia gravis.

**Peripheral Nerve Function**

Action Potentials, Compound Action Potentials, and Mr Blair's experience with Guillain Barré syndrome.

**Skeletal Muscle Function**

Skeletal Muscle Structure and Function, and Mr Foster's experience with Becker muscular dystrophy.

*"Lt's real patient case studies make theory highly clinically relevant and engaging for our students"*

- **Jack Simpson**, Lecturer, Nursing,  
University of the West of Scotland

**TRY Lt FOR FREE**

Sign up for a free trial to experience Lt  
[adstruments.com/try-lt](https://adstruments.com/try-lt)

Visit our website [adstruments.com/education](https://adstruments.com/education) or contact your local ADInstruments representative for more information

## ADInstruments Worldwide

Australia | Brazil | Europe | India | Japan | China | Middle East | New Zealand | North America | Pakistan | South America | South East Asia | United Kingdom

[adstruments.com](https://adstruments.com)



**ADINSTRUMENTS**