



CREATE
SHARE
INSPIRE.

Patient Resource Packs

Bring clinical case studies to life with real patient journeys

Laboratory results - SI units

Test	20 Apr 2016	Reference Range
BMC Count (x10 ⁹ /L)	4.7	4.2 - 6.2
Hemoglobin (g/L)	143	132 - 170
Hematocrit (%)	0.43	0.40 - 0.50
MCV (fL)	91.0	81.0 - 106.0
MCN (per µL)	35.4	27.0 - 33.0

White Blood Cells

Test	20 Apr 2016	Reference Range
WBC - Total Count (x10 ⁹ /L)	11.6	4.0 - 11.0

Medical records - Ambulance report

Ambulance report on admission, 19 April 2010

Medical records - Right coronary angiograms

Healthy Person - Angiogram, Right Coronary Artery

Mr Miller - Angiogram, Right Coronary Artery Before Angioplasty

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

Prepare your students for clinical practice with video and data from real patient cases.

Each patient lesson includes a summary of the patient's medical story, video interviews with the patient and their health-care professionals, test results, specialized investigations, patient history, and videos of key medical procedures performed on the patient.

There are **31 Patient Resource Packs** to choose from, each containing resources from real cases of cardiovascular, respiratory, neurological, renal, and other conditions.

Save time and effort and provide an authentic learning experience with Patient Resource Packs. Integrate them into your own lessons, edit them, or use them off-the-shelf.



Improved efficiency



Increased student engagement



Improved results in theory and clinical practice



Increased student pass rates*

*Results of using Lt at the School of Nursing, Otago Polytechnic | Te Pūkenga, 2017

"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

Medical records - Foot X-rays 2008

Mr Wolfe - Foot X-ray 2008

Healthy Person - Foot X-ray 2008

Family and social history

Ben Wolfe - Type 2 diabetes

Basic

- Text Question
- Table Question
- Graph Question
- Multi-Choice Question
- Spreadsheet Question
- Drag and Drop
- Categories



What's in a Patient Resource Pack?

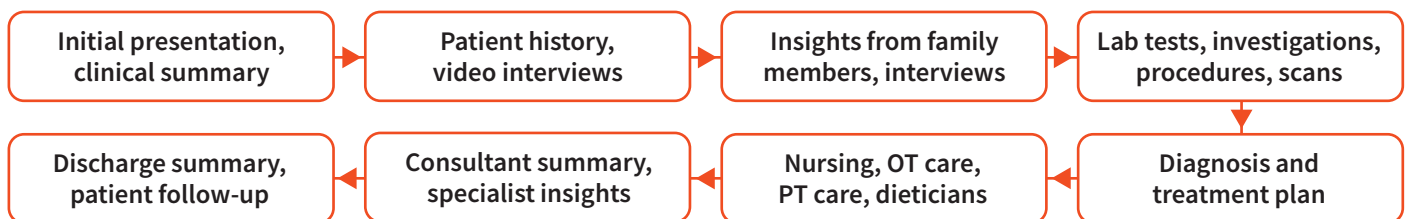
Each patient's medical story is different, so each case has different content to use in your teaching. A typical patient pack can include:

- A short clinical summary (similar to a medical letter) and a chronological clinical summary
- Video interviews with patients and relatives as well as health-care professionals (Consultant, Nurse, OT, PT, Specialized Technicians, and Dieticians). Each video includes subtitles and a captioned summary
- Lab test results: SI and non-SI units
- Video of clinical examinations and medical procedures, including subtitles and captions
- Specialized investigations such as chest X-rays, ECGs, MRI, and CT scans
- A discharge summary
- Suggested teaching topics

Combine different patient resources and incorporate your own content to:

- Teach pathophysiology
- Alternate teaching cases across years
- Illustrate a scientific concept, such as how to read an MRI
- Compare different presenting symptoms for the same condition
- Follow a patient's story through your curriculum, building the case's complexity, or examining different aspects of a patient's condition
- Provide supplementary cases for students to expand and consolidate their learning

Typical patient journey



Patient Resource Pack Collection

31 REAL PATIENT CASE STUDIES

Alfred Ashmore

Polycystic kidney disease

CT scans, ECHOs, letters, urine dip, venipuncture, abdominal exam.

26 videos: 14 patient, 4 consultant, 5 dialysis nurse specialist, 3 procedural.

Angela Williams

Menorrhagia

Letters.

20 videos: 13 patient, 7 consultant.

Barry West

Stroke

CT, MRI, letters.

17 videos: 1 patient, 5 wife, 3 follow-up, 2 consultant, 6 rehabilitation specialist.

Ben Wolfe

Type 2 diabetes

X-rays, letters, podiatry assessment.

25 videos: 18 patient, 1 follow-up, 2 consultant, 4 podiatry.

Betty Flannery

Left ventricular failure

X-ray, ECG, letters, ECHO report.

11 videos: 9 patient, 2 consultant.

Carol Campbell

Type 1 diabetes

Daily blood glucose and dietary records, letters, measuring blood glucose, urine dip.

32 videos: 14 patient, 6 consultant, 2 procedural, 1 husband, 4 nurse, 5 dietician.

Charlie Park

Coronary artery disease

ECGs, exercise test report, angiograms, letter.

6 videos: 3 patient, 3 consultant.

Chris Rawlins

Type 1 diabetes

Letters, measuring blood glucose, urine dip.

37 videos: 17 patient, 6 wife, 3 consultant, 2 procedural, 4 nurse, 5 dietician.

David Marks

Myocardial infarction

Angiogram, X-ray, ECG, letter.

7 videos: 6 patient, 1 consultant.

Emma Smith

Granulomatosis

Histology, letters.

25 videos: 17 patient, 8 consultant.

Frank Foster

Becker muscular dystrophy

Neurological examination, letters, ECHO, lung function tests.

23 videos: 19 patient, 4 consultant.

Gwen Simms

Osteoarthritis

X-ray, letters, limb examination.

11 videos: 6 patient, 2 examinations, 3 consultant.

Harry Barker

G6PD

Letters, spirometry, X-rays, biopsy reports.

23 videos: 20 patient, 3 consultant.

James Hinton

Aortic stenosis

ECGs, X-rays, ECHOs, angiograms, letters.

14 videos: 6 patient, 3 consultant, 1 nurse, 4 procedural.

Social history



Family History

Mrs Montgomery talks briefly about three members of her family that have died from COPD. She then expresses her thoughts on what may have contributed to her condition, such as a weakness that runs in a family, the alterations at her workplace, everyday living, smoking, and the air we breathe.

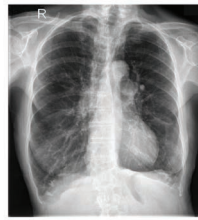


Social History

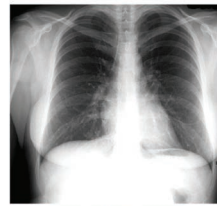
Mrs Montgomery talks about her social history, including her smoking habits and her workplace.



Medical records – Chest X-ray



Mrs Montgomery - Chest X-ray



Normal Chest X-ray for Comparison

Discharge summary, 11 September 2005

11 September 2005

Dr Stanley Cruikshank,
Health Center

Re: Alfred Ashmore
Aug 2005.
renal biopsy performed

Dr Ashmore - CT Abdominal Axial Image

Re-transplant
8 Jul 2005 (Capital Hospital)

rise in creatinine in last week from ~200 to
tion? Histology was essentially unremarkable.
rine output.
showed good renal perfusion and flow rates,
ing creatinine managed for possible renal
methylprednisolone, plus 1 xday 500mg
nisone from 25 to 40mg daily
4mg twice daily
three times day



James Lester Hypertension

Aortogram, ECHO, CT, ECGs, X-ray, automatic and manual blood pressure.

28 videos: 16 patient, 9 consultant, 2 procedural, 1 nurse.

Jenny Lincoln Pregnancy and childbirth

27 videos: 11 patient, 3 other patients, 12 midwife, 1 examination.

Joe Hunter Cirrhosis and hepatitis C

Ultrasound, letters, urine dip, venipuncture, abdominal exam.

36 videos: 17 patient, 14 consultant, 5 nurse.

John Wise Atrial fibrillation

ECG, letter.

14 videos: 11 patient, 3 consultant.

Liam McFadden Fever

11 videos: 4 patient with mother, 2 consultant, 5 nurse.

Mary Montgomery COPD

X-rays, CT scans, respiratory reports, lung function testing, breath sounds, inhaler use, peak flow meters.

21 videos: 8 patient, 1 husband, 1 consultant, 9 nurse, 2 procedural.

Max Chaves Pulmonary fibrosis

X-rays, ECG, spirometry reports.

30 videos: 18 patient, 5 wife, 7 consultant.

Mike Miller Myocardial infarction

ECGs, angiograms, letter, ambulance report.

20 videos: 5 patient, 3 partner, 2 consultant, 3 procedural, 7 nurse/dietician.

Nick Blair Guillain-Barré syndrome

MRI, nerve conduction studies.

30 videos: 15 patient, 2 daughter, 1 consultant, 1 procedural, 5 nurse, 6 rehabilitation-related.

Penny Parker von Willebrands

Letters.

18 videos: 15 patient, 3 consultant.

Pete Winslow Peripheral neuropathy

Nerve conduction testing and report, letters.

17 videos: 10 patient, 6 examinations, 1 consultant.

Rachel Pearson Myasthenia gravis

Neurophysiology reports, letters.

19 videos: 18 patient, 1 consultant.

Sam Dixon Peripheral vascular disease and claudication

Letters, dopplers, vascular studies, X-ray, vascular investigations, interpreting vascular reports, and podiatry assessment.

15 videos: 6 patient, 2 consultant, 3 procedural, 4 nurse.

Sarah King Urodynamic stress incontinence

Letters, demonstrating the pelvic floor.

22 videos: 12 patient, 6 consultant, 1 nurse, 2 physiotherapist, 1 procedural.

Thomas Alexander Aortic incompetence

X-ray, ECHO, ECG, angiography, letters.

15 videos: 12 patient, 3 consultant.

Tim Scott Myocardial infarction

Angiogram, X-ray, ECG, ECHO procedure, angiogram procedure, cardioversion.

8 videos: 5 patient, 1 consultant, 2 procedural.

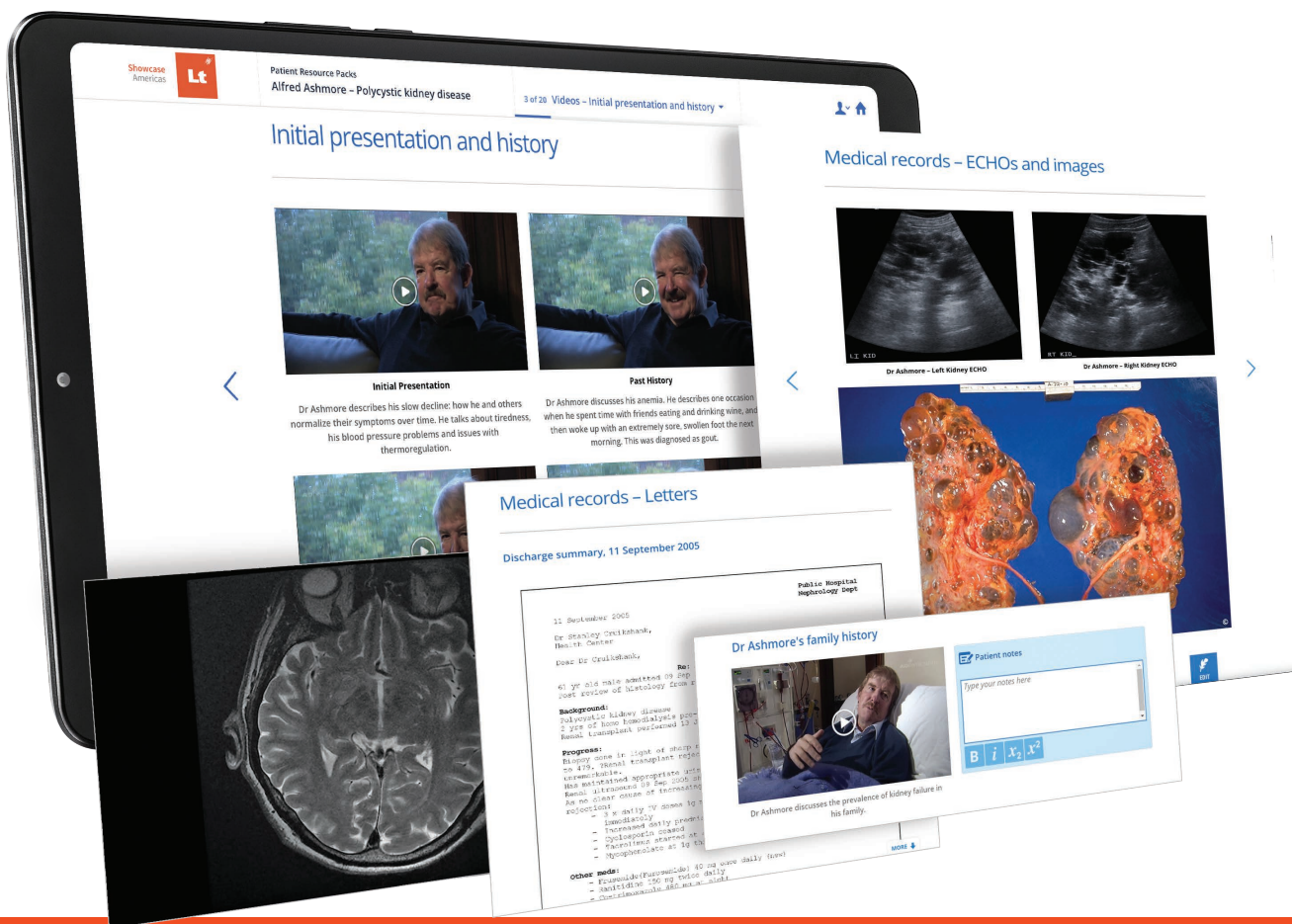
Zac Thayer Asthma

Letters, peak flow and pulmonary function tests, bone density scans and allergy prick test.

45 videos: 12 patient, 15 parents, 12 consultant, 6 nurse.

Privacy and consent

All of our patients have provided written, informed consent for their medical story to be used to support health professional learning. Because these are real people, we have given each patient and their family members pseudonyms to protect their identities. Our patients have all viewed and approved the content to be used to develop learning resources. This gives you the freedom to use these detailed real-life resources to create and customize comprehensive medical cases suited to your teaching process.



How can Lt help?

Educators

Authoring and customization

Easily edit, share and update our content or create your own in real-time, wherever and whenever you need. Drag-and-drop a range of content types including video, audio, images, quizzes, and text directly into your lessons.

Collaborative

Share content and workload with your fellow educators and teaching assistants. Set varying levels of access to allow others to review content, add content, or publish revisions online.

Flexible grading

Automatically grade quizzes while keeping the flexibility to add feedback and positive reinforcement, and manually grade written assessments.



TRY Lt for FREE

Sign up now:
adi.to/try_lt

Students

Learn anywhere, anytime

Lt's cloud-based platform means students can learn on almost any device that connects to the internet. Whether they use iOS or Android, tablet, mobile, or laptop, lessons will be resized to suit.

Lt Sensor and PowerLab integration

In the lab, students can record and view their own physiological signals live on screen with Lt Sensors or PowerLab. Sampling panels in Lt can record Pulse, ECG, Respiratory Rate, Blood Pressure, and more.

Learn from real patients

For future health professionals, our patient cases allow students to follow a real patient from initial presentation to diagnosis and management. Expert health-care professionals provide their views throughout the journey and students can practice note-taking and reflection.

Administration

Simple setup

Lt needs only an internet browser to allow course administration, authoring, and publishing. Our data acquisition app, used for sampling, installs in 30 seconds.

Analytics

Our analytics allow you to view class progress in each lesson and section in your course, and provide valuable insights about where and how students are interacting with course material.

Secure and scalable

Totally secure, Lt is hosted on Amazon Web Service's encrypted servers with guaranteed 99% uptime and the ability to maintain speed as more students sign in to Lt.

Future-proof

Lt is automatically updated with new features by our team of engineers, developers, and education specialists.

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