

Long Term Conditions: The Role of Pathology Services

"Up to 70% of all diagnoses depend on Pathology. Pathology is vital for patients to get the services they need at the time and in the place they need them. Pathology supports delivery of key targets and commitments, particularly around cancer, coronary heart disease, access, waiting times and A&E." Department

- 15.4 million people in England suffer from a long-term condition.
- Three out of every five people aged over 60 in England suffer from a long-term condition.
- The number of people in England with a long-term condition is set to rise by 23% over the next 25 years.
- All long term conditions require support from the Pathology services for diagnosis and management.

Pathology Service Supporting Clinical Outcomes

Long Term Condition **Coronary Heart Disease Diabetes Mellitus** Stroke and TIA Heart Failure Cancer Epilepsy Hypothyroid Chronic Kidney Disease **Atrial Fibrillation** Allergy Asthma Mental Health Hypertension Chronic Obstructive Pulmonary Disease



Direct Support

Cholesterol, lipids Glucose, HbA1c, microalbumin INR for warfarin monitoring **Brain Natriuretic Peptide Tumour Markers** Therapeutic drug monitoring Thyroid hormones Glomerular filtration rate Total and specific IgE

Indirect support

Renal function, liver function and bone function tests

Endocrinology, autoimmunity

Blood counts, blood transfusion, oncologyhaematology,

Clinical bacteriology and virology

And many more...



An Integrated Pathology Service Supporting High Level Outcomes

Patient-Focussed Pathology Service and Improved Patient Pathway

High Level Outcomes

People have improved quality of life, health and wellbeing and are enabled to be more independent.

Access to phlebotomy Access to results, e.g. "HealthSpace" Access to knowledge, e.g. Lab Tests Online Access to transport services Access to point of care testing where necessary Increased technology adoption Integrated Quality Framework for Pathology wherever it is delivered An integrated Pathology Service allows decision making on the balance between the effectiveness and economics of Pathology delivery

People are supported and enabled to self care and have active involvement in decisions about their care and support.

People have choice and control over their care and support so that services are built around the needs of individuals and carers.

People can design their care around health and social care services which are integrated, flexible, proactive and responsive to individual needs.

People are offered health and social care services which are high quality, efficient and sustainable.



The Royal College of Pathologists Pathology: the science behind the cure



