# 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."

- 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, oncology-

haematology,

Clinical bacteriology and virology And many more...

# **Clinical Outcomes**

23 Pathology related indicators in the Quality and Outcomes Framework

Cancer standards

**NICE Guidelines** 

**National Service Frameworks** 

And many more....

# An Integrated Pathology Service Supporting High Level Outcomes

# **Patient-Focussed Pathology Service and Improved Patient Pathway**

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



# **High Level Outcomes**

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

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.









