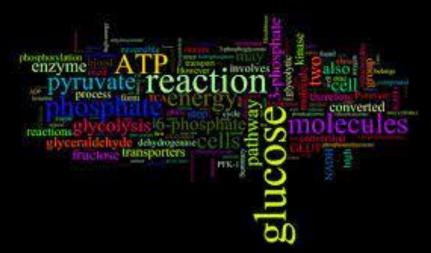
Chemical Pathology

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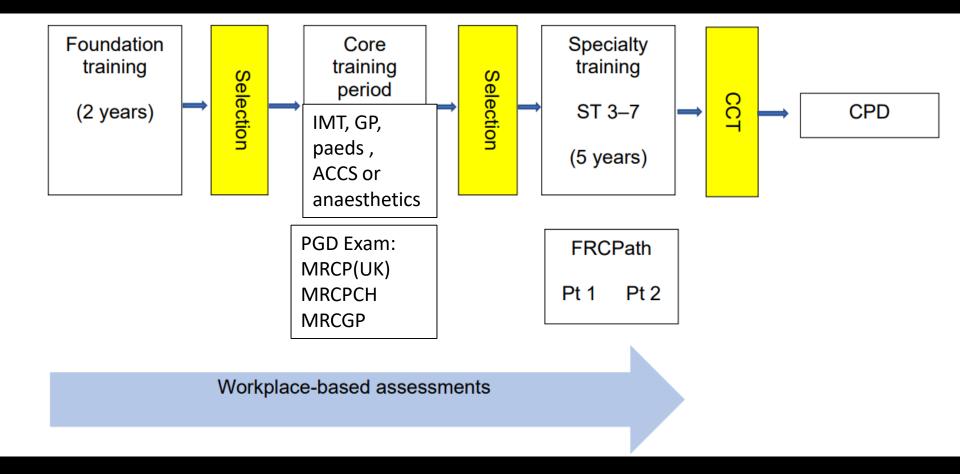
What is Chemical Pathology?

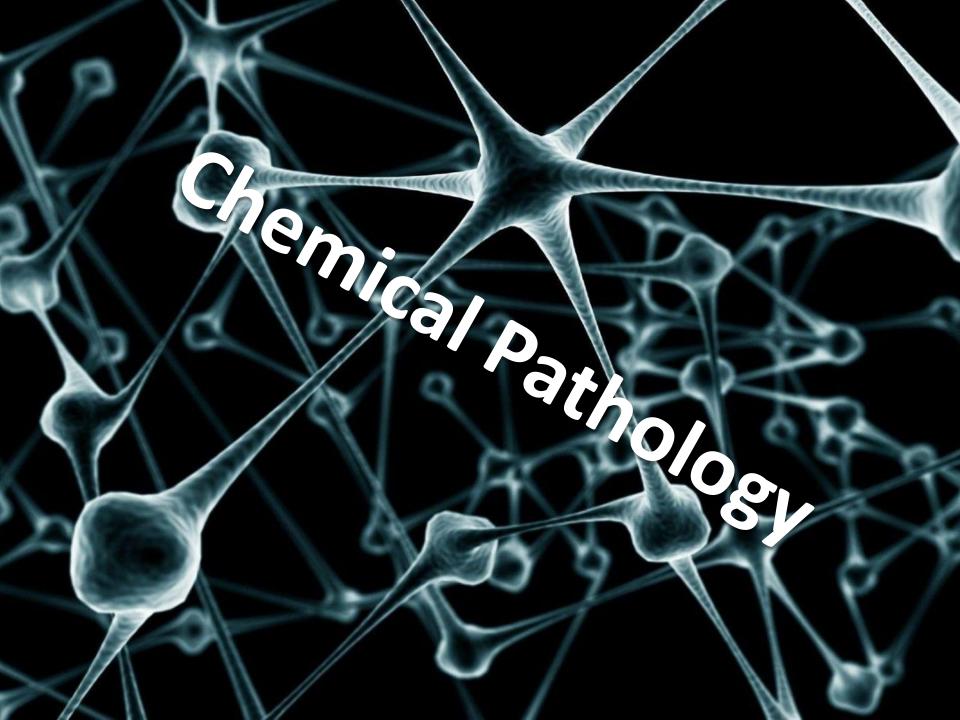
The scope of Chemical Pathology is broad, covering the **biochemical processes** that underlie the whole of human physiology and medicine... the measurement of **biomarkers** to make an accurate diagnosis... and the treatment of **metabolic disease**





Chemical Pathology Training





Chemical Pathology Curriculum

- The curriculum requires training to be undertaken both in the laboratory and in clinical settings.
- The scope of Chemical Pathology covers the whole of medicine.



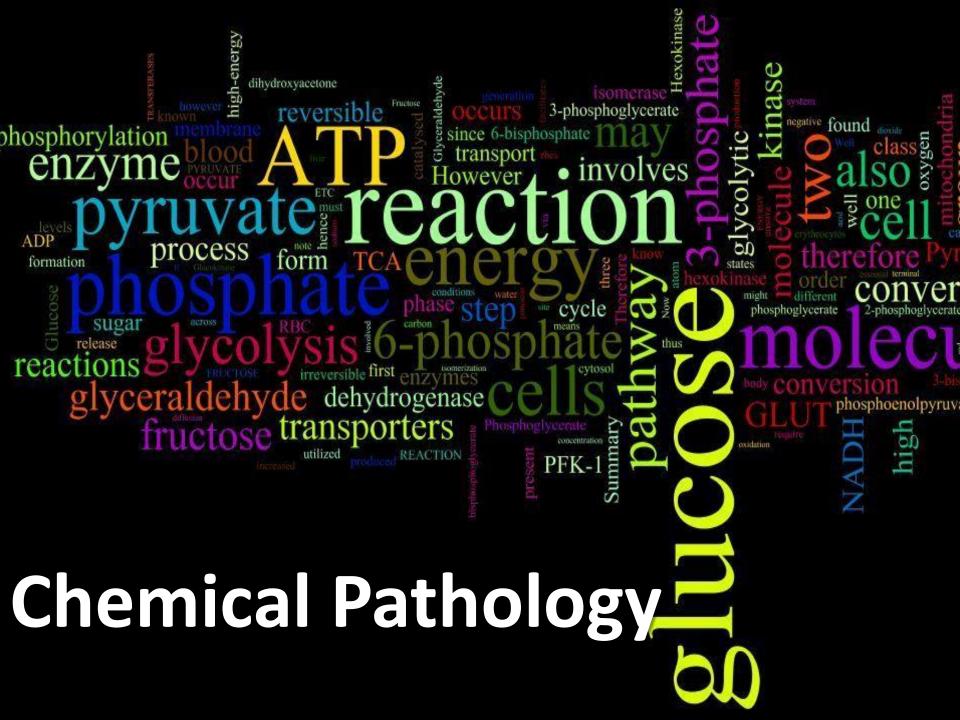
Chemical Pathology Curriculum

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Why Chemical Pathology?

- Chemical Pathology offers a varied and interesting career
- The laboratory element offers close links with research and innovation
- The clinical element forges close relationships with hospital and primary care colleagues

Why Chemical Pathology?

- Direct clinical care in the area of your interest allows development of expert knowledge and skills
- Good work-life balance



Chemical Pathology

A Day in the Life of a Chem Path Trainee



09:00

Clinic

- Dyslipidaemia
- Diabetes
- Metabolic Bone Disease
- Inborn Errors of Metabolism

Learning under consultant supervision

13:



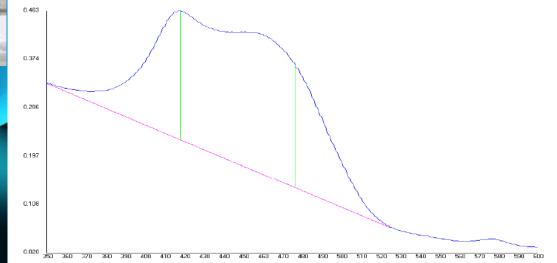


Lab



Urgent reporting of positive CSF for subarachnoid haemorrhage

Analysis of Cerebrospinal Fluid for Bilirubin



Lab

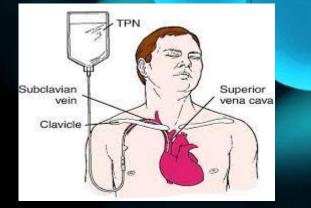
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GP phones for advice on a patient with hyponatraemia

- What could be causing it?
- How does one investigate?
- How does one treat?





Ward Round

Gastroenterologist Chemical Pathologist Pharmacist Dietitian Specialist nurse

Very sick patients who cannot be fed via the gut – PRESCRIBE, ADVISE, MONITOR

Home;

the night is young and you have the whole weekend ahead of you!







Chemical Pathology

Best Life

Chemical Pathology

Live Your

Best

Life

Chemical Pathology Entry Criteria

Qualifications:

- Applicants must have:
 - MBBS or equivalent medical qualification
 - MRCP (UK) Part 1 or EEA eligibility or MRCPCH theory exams (all three) or FRCA part 1 at time of application
 - MRCP (UK) full diploma or EEA eligibility or MRCPCH clinical examinations or MRCGP by the required deadline

Chemical Pathology

Chemical Pathology Entry Criteria

Eligibility:

- Applicants must:
 - Be eligible for full registration with, and hold a current licence to practise from, the GMC at intended start date
 - Have evidence of achievement of 2 years Internal Medicine Training (Stage 1) by intended start date or
 - Have successfully completed core paediatric training by intended start date **or**
 - Have successfully completed General Practice training or
 - Have successfully completed Broad Base Training plus completion of core training in one of the above specialties or
 - Have successfully completed training in Acute Care Common Stem or
 - Have successfully completed core Anaesthetics training
 - Be eligible to work in the UK



Further Information

- <u>https://www.rcpath.org/trainees/training/trai</u> <u>ning-by-specialty/chemical-pathology-</u> <u>2021.html</u>
- <u>Specialty Training > Recruitment > Person</u> <u>specifications (hee.nhs.uk)</u> Chemical Pathology – ST3 2022
- Yorkshire and Humber TPD deepa.narayanan1@nhs.net

- Slides produced by Dr Hannah Delaney, Consultant Chemical Pathologist, Sheffield Teaching Hospitals NHS FT
- Happy Whistling Ukulele by LesFM | https://lesfm.net/happy-background-music/ Music promoted by https://www.chosic.com/freemusic/all/

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