



Teaching Medicine: Different Methods of Delivery

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Programme Lead for Widening Access to Medicine

- Two courses:
 - *A100 – Medicine – 5-year programme*
 - *A110 – Medicine with Foundation Year – 6-year programme (1 + 5 years)*
- **A100**
 - Example offer would be AAA
 - <https://www.edgehill.ac.uk/course/medicine/>
- **A110**
 - Example offer would be BBB
 - Aimed at students from the Northwest of England
 - Students must satisfy certain widening participation criteria to be eligible to apply
 - <https://www.edgehill.ac.uk/course/medicine-with-foundation-year/>

A100 – Programme Overview

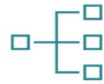
Edge Hill
University

Medical
School



YEAR 1

Understanding the person and the community - Fundamentals of Medicine



YEAR 2

Understanding where and how people receive health care



YEAR 3

Integrative care within multi-disciplinary teams



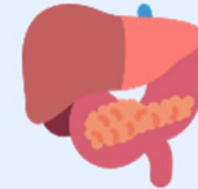
YEAR 4

The patient journey - primary and secondary interface



YEAR 5

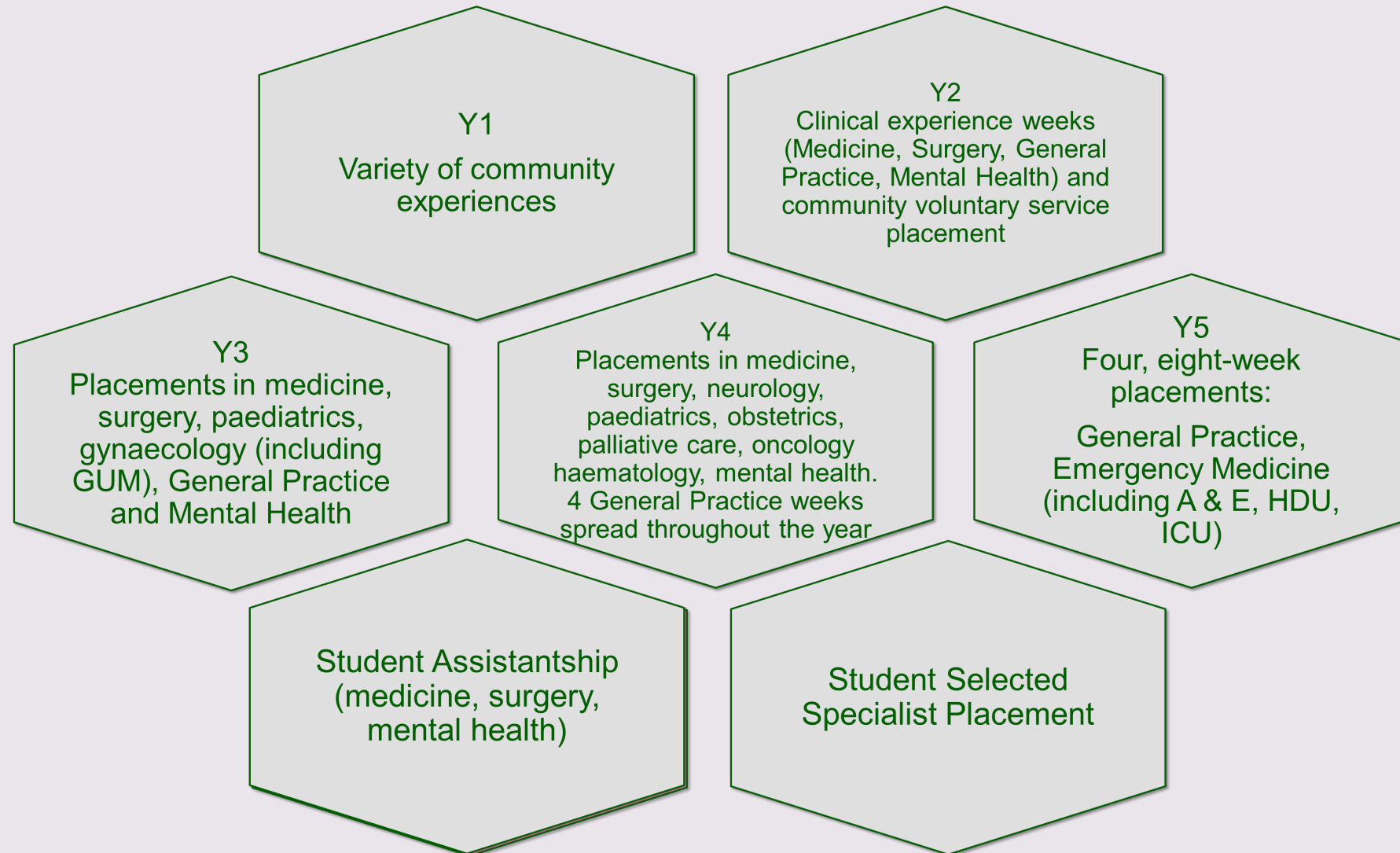
Preparedness for Practice



Clinical Placements Overview

Edge Hill
University

Medical
School



- Medicine is taught using a *non-modular approach* (spiral curriculum)
- Spiral curriculum is a model in which topics/themes are revisited with the complexity of the content increasing each time
- Curriculum is aligned with 16 themes, which have been mapped against the General Medical Council's Outcomes for Graduates

Themes aligned with GMC outcomes

Outcomes 1 - Professional values and behaviours

- Professional and ethical responsibilities
- Legal responsibilities
- Patient safety and quality improvement
- Dealing with complexity and uncertainty
- Safeguarding vulnerable patients
- Leadership and team working



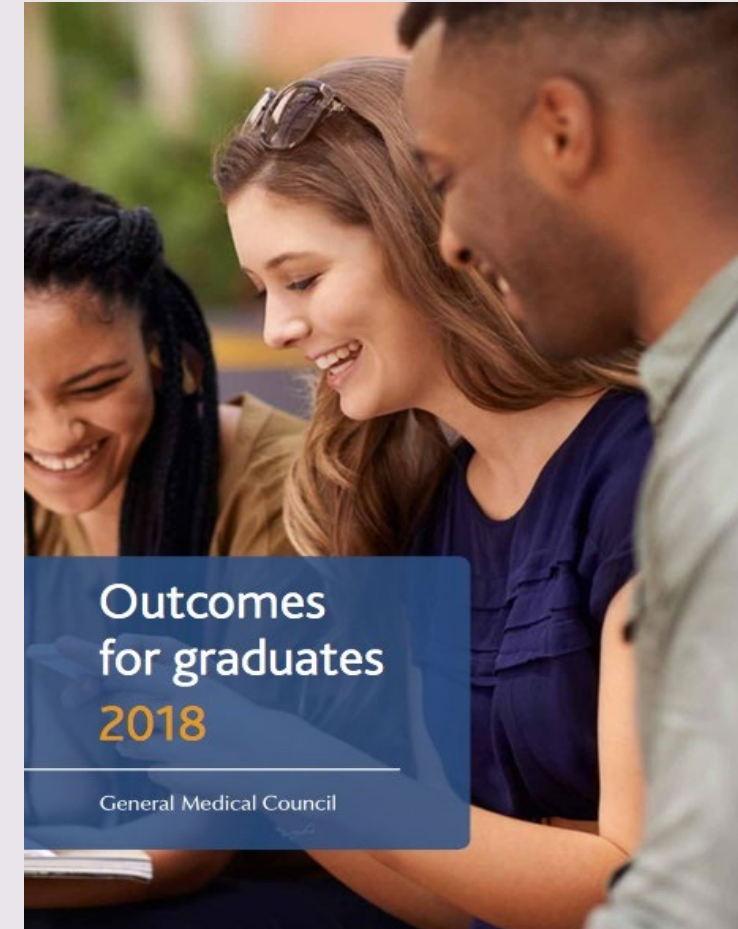
Outcomes 2 - Professional skills

- Communication and interpersonal skills
- Diagnosis and medical management
- Prescribing medicines safely
- Using information effectively and safely



Outcomes 3 - Professional knowledge

- The health service and healthcare systems in the four countries
- Applying biomedical scientific principles
- Applying psychological principles
- Applying social science principles
- Health promotion and illness prevention
- Clinical research and scholarship



A100 – Entry Requirements

- AAA at A-level to include A-level Biology and Chemistry
- Or
- A*A* B or A* AB including Biology and Chemistry at Grade A or above
- At least five GCSEs at Grade B/6 or above (or equivalent) including Biology, Chemistry, English Language and Mathematics
- More info - <https://www.edgehill.ac.uk/course/medicine/>
- medicineadmissions@edgehill.ac.uk

- Must take a **UCAT Medical Admissions Test** *prior* to application
- Multiple Mini Interviews (MMI) form part of the selection process
- Offers are subject to:
 - Satisfactory health clearance
 - Disclosure and Barring Service (DBS) Enhanced Disclosure

- Equip students with the skills, knowledge and understanding to prepare them for progression to medicine
- Develop knowledge in biosciences, health systems, public health and local healthcare needs
- Clinical and community learning, acquiring the skills needed to develop personally and professionally and build confidence and resilience
- Themes studied include:
 - Science for medicine, Communication for clinical practice, Professional and personal development, Community placement experience, Health systems and public health

A110 – Entry Requirements

- BBB at A-level including Biology and Chemistry and one other subject
 - Or
- ABC at A-level including Biology and Chemistry, with one of these subjects at Grade A or above and the other at Grade B or above, as well as one other subject at Grade C or above
 - Or
- **A Level / BTEC Combination:** BB at A level and D in single BTEC Level 3 Subsidiary Diploma or National Award. BB at A level must be obtained in both Chemistry and Biology and D in BTech Diploma
 - Or
- **International Baccalaureate:** 32 points to include Chemistry and Biology at higher level, one other subject at higher level and three standard level subjects. Each subject must be passed with a minimum of 5 points
- More info – <https://www.edgehill.ac.uk/course/medicine-with-foundation-year/>

A110 – Widening Access Criteria

- Candidates **MUST**:
- Have lived in the Northwest of England for at least one year prior to application
- **AND** meet one of the following two points:
 1. Have attended a non-selective state secondary school for GCSE where attainment 8 score is below the English average
 2. Have attended a non-selective state secondary school for GCSE and live in an area with a postcode deemed to be deprived
- **AND**
- One of the additional widening participation criteria listed in the entry requirements <https://www.edgehill.ac.uk/course/medicine-with-foundation-year/>



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Methods of Teaching

- Lectures
- Seminars/tutorials
- Case Team Based Learning (CTBL)
- Science-based practical sessions
- Clinical skills and simulation sessions
- Clinical placements



Group Learning in Medicine

- Clinical scenario based
 - Case based learning (CBL)
 - Team based learning (TBL)
 - Problem based learning (PBL)
- Similar in that they are all student led approaches
- Different with regards to preparation required and the learning objectives that are set



- Case Team Based Learning



- Students initially reflect on the previous weeks teaching and discuss what they have learnt (nominated student leads this discussion)
- In groups of 10-12, students then research a clinical case and apply what they have learnt within the context of this case
- Students lead this discussion; academic facilitator present to help

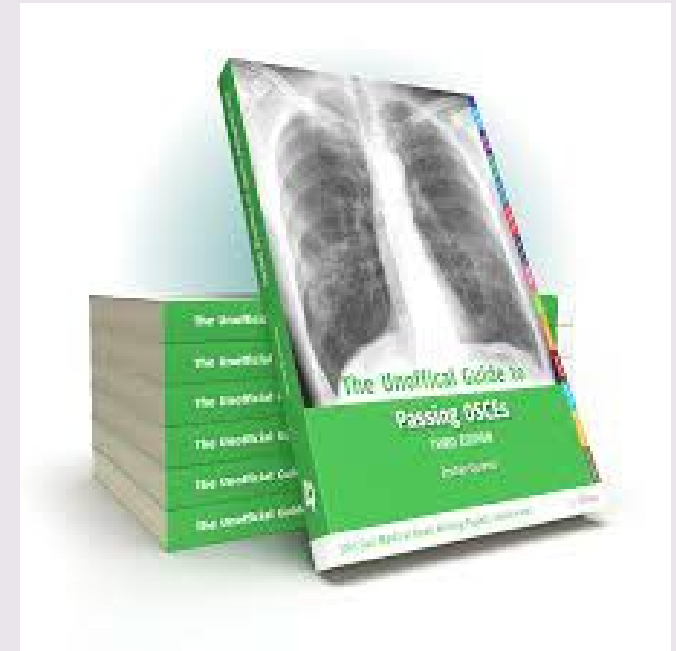
- 3D approach to learning anatomy using virtual dissection
- Anatomy of the human body can be visualized exactly as it would be on a cadaver
- Anatomage table is basically a giant iPad which allows users to zoom in and out of macroscopic and microscopic tissues in the body
- Provides high-resolution images of gross/regional anatomy and pathology

Increased clinical exposure throughout the programme

- Medical and surgical specialties
- End of life care/oncology
- Paediatrics/obstetrics and gynaecology
- Psychiatry/General Practice
- Emergency care/Anaesthetics
- “Shadowing”

In the later years, the teaching shifts from University to NHS

- Written exams
- Objective Structured Clinical Exams (OSCEs) i.e. practical exams
- Portfolio (professionalism and work-based assessment)
- Written assignments
- Medical Licensing Assessment (GMC) (final year exam)
 - Written exam and a clinical and professional skills assessment



- Three-year degree plus clinical years
- Graduate entry programmes
- Widening access to medicine
- Intercalated degrees – end of Year 3 or 4
Choice: Clinical sciences, Social Sciences, Medical Education,
History of Medicine
- Student Selected Components/Electives

Remember though

- There is no getting away from it – medicine is not easy
- Different expectations of professionalism
- However, it is very rewarding

