Dr Kenneth McKeegan
MBBS - Lead for
Admissions and
Recruitment
Aims of this talk

• To discuss your choice of medical degree and tell you about the MBBS course here in Newcastle

• To inform you about what we are looking for in our applicants
A Copy of this talk can be found here: @DrKenny_NCL
Where should you apply?
Studying medicine is only the beginning

Medical student

F1

F2

Foundation training

Run-through posts ST1, 2, 3, 4, 5, 6, 7 (8)

CT1, 2 (3)

ST3-7 (8)

Core specialty training

Higher specialty training
Where should you apply?

In the UK there is significant choice!

- 39 Standard Medical Degrees
- 15 Graduate Medical Degrees
- 2 Medical Programmes with a Preliminary Year
- 17 Medical Degrees with Gateway Years
Where should you apply? – General Considerations

Location of University

Reputation

The Campus

Selection Methods
UCAT / BMAT – how important are they?
MMI or Panel or others
Places available and competition for these
Where should you apply? – Course Type

Types of Course
- 4 Year Graduate Programmes
- 5 Year Standard – Optional intercalation
- 6 Year – Gateway or compulsory intercalation

Teaching Style
- Small Group vs Large Group
- Size of cohort

Student Choice
- Student selected components
- Electives
- Opportunities for exchange
## Where should you apply? – Curriculum Types

<table>
<thead>
<tr>
<th></th>
<th>Traditional</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Patient contact</strong></td>
<td>Pre-clinical and clinical programme separate</td>
</tr>
<tr>
<td><strong>Course organisation</strong></td>
<td>Taught as individual scientific disciplines (eg. anatomy, physiology, biochemistry etc)</td>
</tr>
</tbody>
</table>
Where should you apply? – Curriculum Types

<table>
<thead>
<tr>
<th>Patient contact</th>
<th>Traditional</th>
<th>Integrated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pre-clinical and clinical programme separate</td>
<td>Blended structure with early patient contact</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course organisation</th>
<th>Traditional</th>
<th>Integrated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Taught as individual scientific disciplines (eg. anatomy, physiology, biochemistry etc)</td>
<td>Taught as body systems (eg. cardiology, neurology, respiratory etc)</td>
</tr>
</tbody>
</table>

Specific curriculum approaches

- Problem Based Learning (PBL)
- Case Based Learning
- Many medical schools use a variety of approaches
Information

https://www.medschools.ac.uk/studying-medicine/applications

https://www.medschools.ac.uk/studying-medicine/applications/entry-requirements
## Information

<table>
<thead>
<tr>
<th></th>
<th>Home/European Economic Area</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of applicants per interview</td>
<td>2.2</td>
<td>3.3</td>
</tr>
<tr>
<td>Number of applicants per place</td>
<td>6.8</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Application</th>
<th>Use in selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Predicted A levels/Scottish Highers</td>
<td>AAA at A level excluding General Studies, Use of Maths, World Development, Communication and Culture and Critical Thinking. No requirement for science subjects.</td>
</tr>
<tr>
<td>GCSEs/Scottish Nationals</td>
<td>AA at Advanced Higher and AAAAA at Higher. No requirement for science subjects.</td>
</tr>
<tr>
<td>International Baccalaureate</td>
<td>No specific requirements.</td>
</tr>
<tr>
<td>Personal statement</td>
<td>38 points with no subject graded less than 5. No requirement for science subjects.</td>
</tr>
<tr>
<td>Admissions test</td>
<td>Not used prior or at interview. Read prior to offers being made but is not scored.</td>
</tr>
<tr>
<td></td>
<td>UCAT</td>
</tr>
</tbody>
</table>
Information – on UKCAT / UCAT

Medicine at Newcastle
Aims of our Course

- Are compassionate and skilled practitioners
- Provide safe, individualised care based on a sound knowledge of health, disease and society
- Are well prepared to succeed in their medical career in all specialties
- Are equipped to work as part of, and to lead a multi-professional health care team
- Work in a professional manner
- Are prepared for on-going professional and personal development and, through this, are able to adapt to future developments in practice
Key Features of our Course

- Case Led
- Multiple teaching methods
- Early clinical and communication skills
- Development of professional identity
- Online Medical Learning Environment
- Academic mentorship
- Student choice
- Student Support
- Early Patient Contact
Early Clinical Skills

• First Aid
• Handwashing
• CPR
• Respiratory Exam
• Venepuncture
Early Clinical Skills

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Early Clinical Skills

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Medicine – Open Day June 2019

MLE – Bespoke Medical Learning Environment

Wednesday, 20th March, 2019
- Casa 23 - A joint decision cases due in 1 days
- Casa 24 - An evening in accident and emergency cases due in 22 days
- Induction and ECCE cases due in 158 days
- Focal history neurology and eyes SDL due in 164 days
- Driving standard - DVLA SDL due in 193 days
- Examination techniques for visual acuity SDL due in 193 days
- Pneumococci SDL due in 193 days
- Bone maturation and ossification SDL due in 193 days
- Bone maturation and ossification SDL due in 193 days
## Typical Year 1 – Teaching Week

**Monday, 4th March, 2019**
- 9:00am - 10:00am: Case Launch (Lecture)
- 11:00am - 12:00pm: Year 1 Careers (Lecture)
- 12:00pm - 1:00pm: Anatomy of the Hepatopancreaticobiliary System (Lecture)
- 2:00pm - 3:00pm: Microanatomy of the Liver, Gallbladder and Pancreas (Lecture)

**Tuesday, 5th March, 2019**
- 9:00am - 10:30am: Compulsory - Gross Anatomy of the Liver, Gallbladder and Pancreas (Practical)

**Wednesday, 6th March, 2019**
- 9:00am - 10:00am: Physiology of the Hepatobiliary System (Lecture)
- 10:00am - 11:00am: Compulsory - Hepatobiliary Investigation (Seminar)
- 12:00pm - 1:00pm: Imaging of the Hepatobiliary System (Lecture)

**Thursday, 7th March, 2019**
- 9:00am - 5:00pm: Compulsory - ECCE Visit 4 (Practical)

**Friday, 8th March, 2019**
- 9:00am - 10:00am: Physiology of the Pancreas (Lecture)
MLE - Cases

Case 24 - An Evening in Accident and Emergency
- Opened: March 11, 2019, 8:30 a.m.
- View

Case 23 - A joint decision
- Opened: Feb. 25, 2019, 8:30 a.m.
- View

Case 22 - Karen: A loss of identity
- Opened: Feb. 18, 2019, 8:30 a.m.
- View

Case 21 - Connor: An altered perception
- Opened: Feb. 5, 2019, 8:30 a.m.
- View

Case 20 - Lee
- Opened: Jan. 14, 2019, 8:30 a.m.
- View

Case 19 - John
- Opened: Dec. 3, 2018, 8:30 a.m.
- View

Case 18 - A diagnostic dilemma
- Opened: Nov. 22, 2018, 11:30 a.m.
- View

Case 17 - An unexpected finding
- Opened: Nov. 12, 2018, 8:30 a.m.
- View

Case 16 - Elena
- Opened: Oct. 25, 2018, 8:30 a.m.
- View
Skiin is vital to our overall health and wellbeing. As well as acting as the body's first line of defence against bacteria and viruses, healthy skin maintains the balance of fluids and helps to regulate body temperature. It is highly sensitive, recognising the softest touch as well as pain. As our largest and most visible organ, covering nearly 2/3 and making up almost a sixth of our body weight, skin condition can also have a significant biopsychosocial impact.

In this case we will learn the micro-anatomy and physiology of this complex structure. This will help us understand how the skin functions so effectively in health, as well as the pathophysiology of skin conditions. There are hundreds of conditions that can affect the skin: many are primary disorders of skin, but also a skin rash is a useful marker of infections or diseases of other organs, for example the gut, liver, and connective tissue disorders. As a diagnostic tool, the skin is fascinating!

We are introduced to two common skin conditions, eczema and psoriasis, which will serve to illustrate how an inflammatory disorder of the skin at a cellular level presents differently at a tissue and systemic level. Both conditions can cause long term distress and the need for time consuming treatment to those who have it, and for their carers.

Having met Ryan and his family in case 7, in this case we focus on his little brother Josh who has another related atopic inflammatory condition related to asthma. Atopic eczema is common and its prevalence is increasing. It is seen in 20% of children in developed countries. In adults, population studies report an overall prevalence of 2-18%. The largest majority (about 80%) of cases present before the age of 5 years. There is an increased prevalence in those with an affected parent, like Josh, whose dad had it.

His mum Clare also has the skin condition psoriasis, which is described as a systemic, immune-mediated, inflammatory skin disease which typically has a chronic relapsing-remitting course, and may have nail and joint (psoriatic arthritis) involvement. Again, this is common, affecting about 1.3–2.2% of the UK population, but its incidence may be underestimated in studies, as people with mild psoriasis may not consult healthcare professionals, and from Newcastle. For the world.
Student Choice

• Year 2 Semester Exchange at our Malaysian Branch Campus
Student Choice

• 8 week elective at end of Year 4
Student Choice

• 8 week elective at end of Year 4
Student Choice

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Student Choice

- 8 week elective at end of Year 4
Student Choice

• Optional Intercalation on to a Masters programme at the end of Year 4
# Course Overview

## Five Year Programme
- **Year 1**
- **Year 2**

## Accelerated Programme
- **Extended Year 1**

## Year Themes
- **Year 1**: Essentials of Medical Practice
- **Year 3**: Clinically Based Practice
- **Year 4**: Complexity in Medical Practice
- **Year 5**: Transition to Medical Practitioner

### Mainly Campus Based

### Clinical Basements around the North of England at Base Units
Curriculum Map
Regional Medical School

NORTHUMBRIA
- North Tyneside
- Wansbeck
- Hexham
- Northumbria Specialist Emergency Care

Approximately 300 General Practices around the region

Our Base Units provide diversity and excellence in Medical Education

TYNE
- RVI
- Freeman
- Queen Elizabeth

WEAR
- Sunderland
- North Durham
- South Tyneside

TEEs
- JCUH
- North Tees
- Darlington
- Friarage
- Bishop Auckland
Medicine – Open Day June 2019

From Newcastle. For the world.

**World’s Best Hospitals 2019**

<table>
<thead>
<tr>
<th>Rank</th>
<th>Hospital</th>
<th>Score</th>
<th>City</th>
<th>Hospital beds</th>
<th>Specialties</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>St Thomas’ Hospital</td>
<td>91.2</td>
<td>London</td>
<td>920</td>
<td>ANE, CAR, CHI, DER, DIA, GAS, VIS, GYN, MEM, NEU, OPH, ORA, OTQ, PAL, PED, PLA, PS, PUL, ONC, RAD, RHE, TRA, URO</td>
</tr>
<tr>
<td>2</td>
<td>The Royal Victoria Infirmary</td>
<td>90.9</td>
<td>Newcastle Upon Tyne</td>
<td>680</td>
<td>ANE, CAR, DER, DIA, GAS, VIS, GYN, MEM, NEU, OPH, ORA, PED, PLA, PUL, RAD, RHE, TRA</td>
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<tr>
<td>3</td>
<td>University College Hospital</td>
<td>90.6</td>
<td>London</td>
<td>720</td>
<td>ANE, CAR, DER, DIA, GAS, VIS, GYN, MEM, NEU, OPH, ORA, PED, PSY, PUL, ONC, RAD, RHE, TRA, URO</td>
</tr>
<tr>
<td>4</td>
<td>Freeman Hospital</td>
<td>90.5</td>
<td>Newcastle Upon Tyne</td>
<td>500</td>
<td>ANE, CAR, VIS, PED, PSY, PUL, ONC, RAD, RHE, TRA, URO</td>
</tr>
</tbody>
</table>
International Medical School
New Teaching Facilities Late 2019
Student Support

Academic Mentors

Peer Mentors

Study Skills Support

Senior tutor for support
Want to meet likeminded people, and fill your social calendar with some great events? Join one of our Societies! With over 160 societies, from 20 Minute Society to Zumba, we’re sure that you’ll find a society that matches your interests. Not finding anything you like? Set up your own society.

Sophie McDermott
Activities Officer
activities.union@newcastle.ac.uk
0191 239 3964

Over 160 Societies
Medicine – Open Day June 2019

67 Sports Societies
Medicine – Open Day June 2019
The Guardian
5th in the UK

National Student Survey
95% overall student satisfaction score

Times Higher Education
Top 125 - Clinical, Pre-Clinical and Health Category

Rough Guides
Number One Place To Visit

QS World University Rankings
Top 150 - Medicine category

The Sunday Times
7th in the UK
Success in Foundation Applications

<table>
<thead>
<tr>
<th>Ranking</th>
<th>Medical school</th>
<th>% Allocated First Foundation School Preference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Queens, Belfast</td>
<td>93.50</td>
</tr>
<tr>
<td>2</td>
<td>Newcastle</td>
<td>92.88</td>
</tr>
<tr>
<td>3</td>
<td>Dundee</td>
<td>90.70</td>
</tr>
<tr>
<td>4</td>
<td>Glasgow</td>
<td>90.49</td>
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<tr>
<td>5</td>
<td>Swansea</td>
<td>88.89</td>
</tr>
<tr>
<td>6</td>
<td>Edinburgh</td>
<td>88.46</td>
</tr>
<tr>
<td>7</td>
<td>Keele</td>
<td>87.90</td>
</tr>
<tr>
<td>8</td>
<td>Nottingham</td>
<td>87.22</td>
</tr>
<tr>
<td>9</td>
<td>Hull/ York</td>
<td>86.99</td>
</tr>
<tr>
<td>10</td>
<td>Warwick</td>
<td>86.50</td>
</tr>
<tr>
<td>11</td>
<td>Sheffield</td>
<td>85.87</td>
</tr>
<tr>
<td>11</td>
<td>Aberdeen</td>
<td>85.06</td>
</tr>
<tr>
<td>12</td>
<td>Cardiff</td>
<td>84.62</td>
</tr>
<tr>
<td>13</td>
<td>Cambridge</td>
<td>83.45</td>
</tr>
<tr>
<td>14</td>
<td>Lancaster</td>
<td>82.98</td>
</tr>
<tr>
<td>15</td>
<td>Leicester</td>
<td>82.30</td>
</tr>
<tr>
<td>16</td>
<td>Leeds</td>
<td>80.40</td>
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</tbody>
</table>
Success in Securing Specialty Training Posts
Applying to Medicine?
**What we offer**

- **A100**: 5 Year Course
- **A101**: 4 year Accelerated programme (for graduates (2:1) & health care professionals)
- **PARTNERS***: Widening Access programme

**How to apply**

- Do your research and start your preparations early
- ALL applications through UCAS process
- Candidates may apply for a maximum of five courses (only 4 for medicine)
PARTNERS – Widening Access Supported Entry Route

Check Your Eligibility Here: http://www.ncl.ac.uk/schools/partners/eligibility/

Academic screen and UKCAT scores (BBB predicted grades)

Contextual information may be taken into account for the academic screen and UCAT threshold for other WP applicants

MMI Selection Interview

Successful Interview Summer school post A-Levels BBB offer
PARTNERS – Widening Access Supported Entry Route

20% of our 2018 intake were PARTNERs or WP students

Opening up medical careers to those excluded from them
Newcastle Admissions Process

How Many Applicants?
- Approx. 2500 for A100
- Approx. 1000 for A101

How Many Interviews?
- Approx. 1000 for A100
- Approx. 100 for A101
Newcastle Admissions Process

How Many Places?

342 for A100

25 for A101

26 International places across both programmes
Newcastle Admissions Process

How do we process applications?

1) Meets Academic Screen (Actual or Predicted) Results

2) UCAT is then considered. Candidates above the UCAT threshold are invited to interview

3) Offers made based on interview ranking

4) Personal Statements and references verified after interview
Offers are only made after **ALL** applicants have been interviewed
Some More Detail About our Admissions Steps
Step 1: The Academic Screen

Three A levels excluding General Studies, Use of Mathematics, World Development, Communication and Culture and Critical Thinking

We do not have a requirement for Science subjects

Required Grades
AAA – Standard Entry A100
BBB – PARTNERS A100
Step 1: The Academic Screen

• Wide Range of other qualifications accepted

• https://www.ncl.ac.uk/undergraduate/degrees/a100/-entryrequirements
Step 2: UCAT

A valid UCAT score from the current test cycle is required

Selection for interview based on total score

Top 1000 selected for A100
Top 100 selected for A101

Candidates with Band 4 in the situational judgement test will not be considered for interview
Step 2: UCAT (Historical Thresholds)

- The UKCAT threshold is different for each admission cycle. Dependent on the number of applications and UCAT performance nationally

<table>
<thead>
<tr>
<th>Year of Entry</th>
<th>2017</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum score</td>
<td>3600</td>
<td>3600</td>
</tr>
<tr>
<td>Average nationally</td>
<td>2540</td>
<td>2485</td>
</tr>
<tr>
<td>A100 threshold</td>
<td>2580</td>
<td>2720</td>
</tr>
<tr>
<td>A101 threshold</td>
<td>2940</td>
<td>2920</td>
</tr>
</tbody>
</table>
Step 3: The Interview

Selection Interviews from Dec - Feb

Multiple Mini Interview (MMI): Home and EU students

Two person panel interview: International students
## Step 3: The Interview

### All formats of interview
- Domains covering key competencies assessed over 7 stations
- Situational questions asked about your experiences and behaviours
- Trained pool of selectors
- Complements academic and UCAT testing

<table>
<thead>
<tr>
<th>1) Integrity</th>
<th>2) Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>3) Empathy and self-awareness</td>
<td></td>
</tr>
<tr>
<td>4) Motivation and commitment to be a doctor</td>
<td></td>
</tr>
<tr>
<td>5) Compatibility</td>
<td>6) Teamwork</td>
</tr>
<tr>
<td>7) Personal organisation</td>
<td></td>
</tr>
<tr>
<td>8) Resilience</td>
<td></td>
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</table>
Final Thoughts

Get information and think carefully about where you apply.

The Key attributes we are looking for are:

1) Strong academic background
2) Caring nature and the right temperament
3) Motivation and dedication
First Day of Year 1 2018
Keep in Touch:

Specific queries: mbbs.admissions@ncl.ac.uk

Website: https://www.ncl.ac.uk/sme/study/undergraduate/admissions/-overview

This talk: @DrKenny_NCL