

KENT AND MEDWAY MEDICAL SCHOOL

Kent and Medway Medical School –
Where are we now?

Chris Holland

Professor of Medical Education

Dean of Kent and Medway Medical School

www.kmms.ac.uk

University of
Kent

 Canterbury
Christ Church
University

KMMS vision

KMMS will:

- be a beacon for first-class medical education and research, and the first choice for all those aspiring to achieve excellence in person-centred medical care in the UK
- innovate in teaching, research and leadership
- offer early clinical placements that showcase GP, Community and Mental Health on a par with all other medical specialities

We will produce a new cohort of medical graduates who:

- will be representative and inclusive of the communities our graduates will serve
- will understand the critical importance of integrated, multi-professional care
- will find global solutions to local challenges and lead, manage and innovate in 21st Century healthcare
- will be confident, entrepreneurial advocates for patients, their families and their communities

The KMMS Mission is to:

- widen participation in medicine
- address significant health inequalities in Kent and Medway
- provide high-quality placements
- ensure that all our students have significant exposure to primary care, mental health and acute medicine
- have an innovative curriculum

This is why our bid was successful and we were awarded places by the government

Love Island's Dr Alex: 'The NHS needs more doctors, we need more nurses, we need more space.'

As a junior doctor in the A&E department, Love Island's Dr Alex George tells i he suffered with his mental health when pressure was high

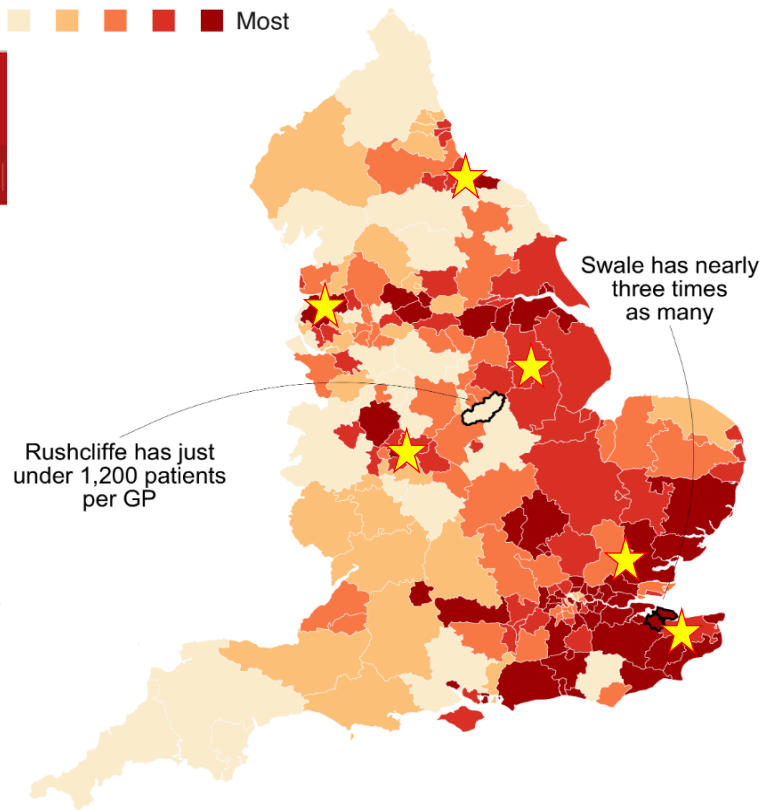


How do we address this imbalance?

Unequal access to GPs

Patients per GP in England, September 2018

Fewest      Most



Source: NHS Digital

BBC

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NEWS

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Health

Differences in GP access across England 'shocking'

By Nick Trigg
Health correspondent

19 January 2019

Worst areas (patients per GP)

1. Swale: 3,342
2. Horsham and Mid Sussex: 2,997
3. Bradford City: 2,587
4. Thanet: 2,520
5. Bexley: 2,479

Collaboration and Partnerships

- Parent Universities

Canterbury Christ Church University
and University of Kent in collaboration



University of
Kent

- Partner Medical School



- NHS Partners



- Government, Local Agencies & Representatives



**KENT AND
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Recent Appointments

Senior Management Team:



Philip Chan
Admissions and
Recruitment Lead



Anna Romito
Undergraduate
Programme Director



Stephanie Green
School Administration
Manager

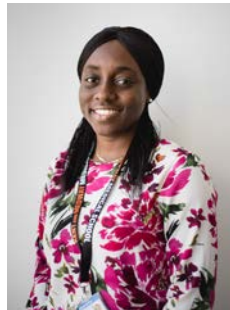


Scarpa Schoeman
Assessment Lead

GP Team



Kate Neden
GP and Community
Education Lead



Adetutu Popoola
GP Educator

Naren Srinivasan
GP Educator



Professional
Services and
Admissions
team



Facilities and building



STHEM building at Christ Church

- Co-located with Science, Engineering and Health
- High-fidelity, interprofessional hospital-based Sim suite
- Anatomy Learning Centre



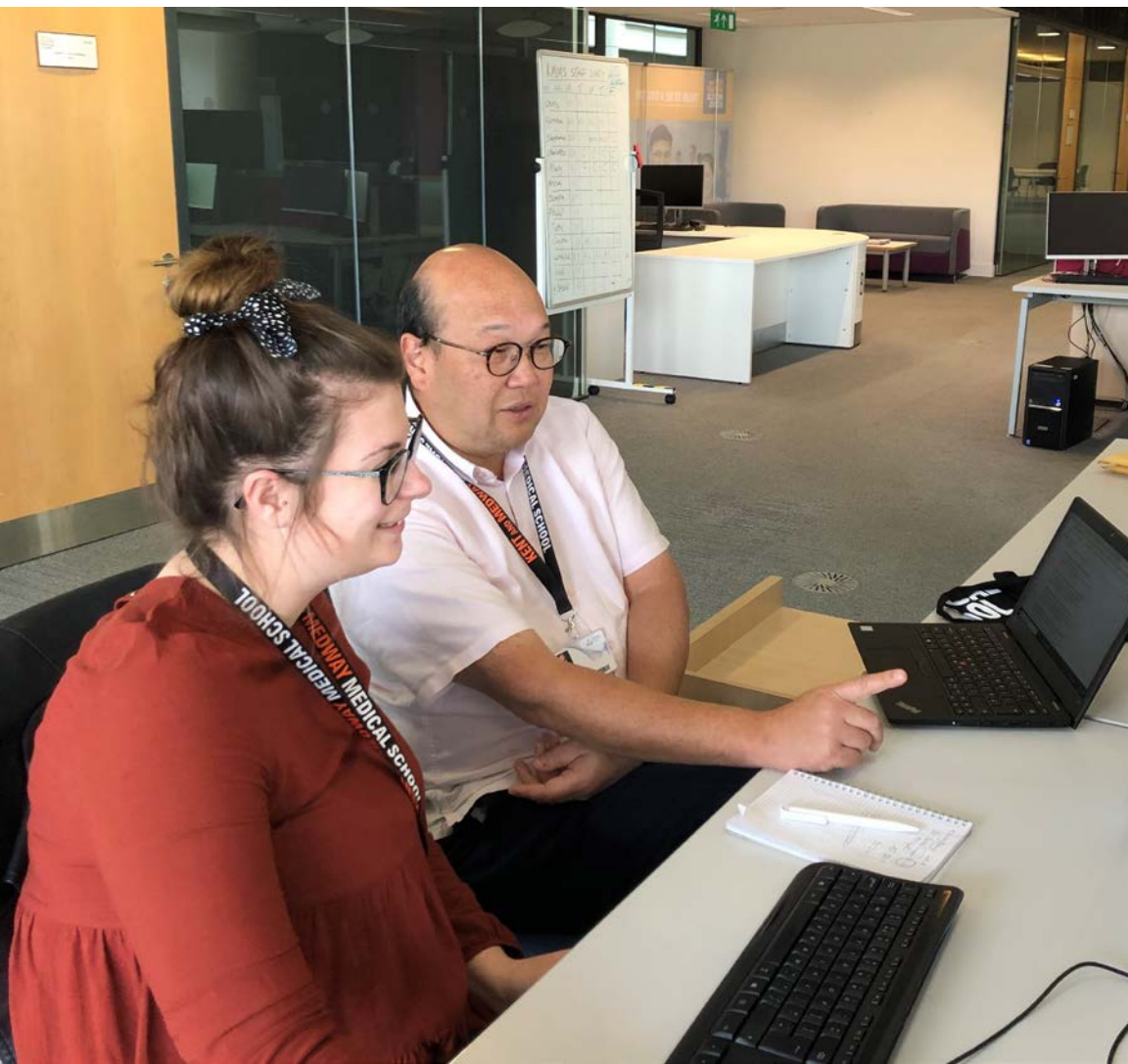
- **KMMS building at Kent**
- GP Sim suite
- 3 in 1 seminar room
- 2 dedicated computer labs

July 2019

October 2019





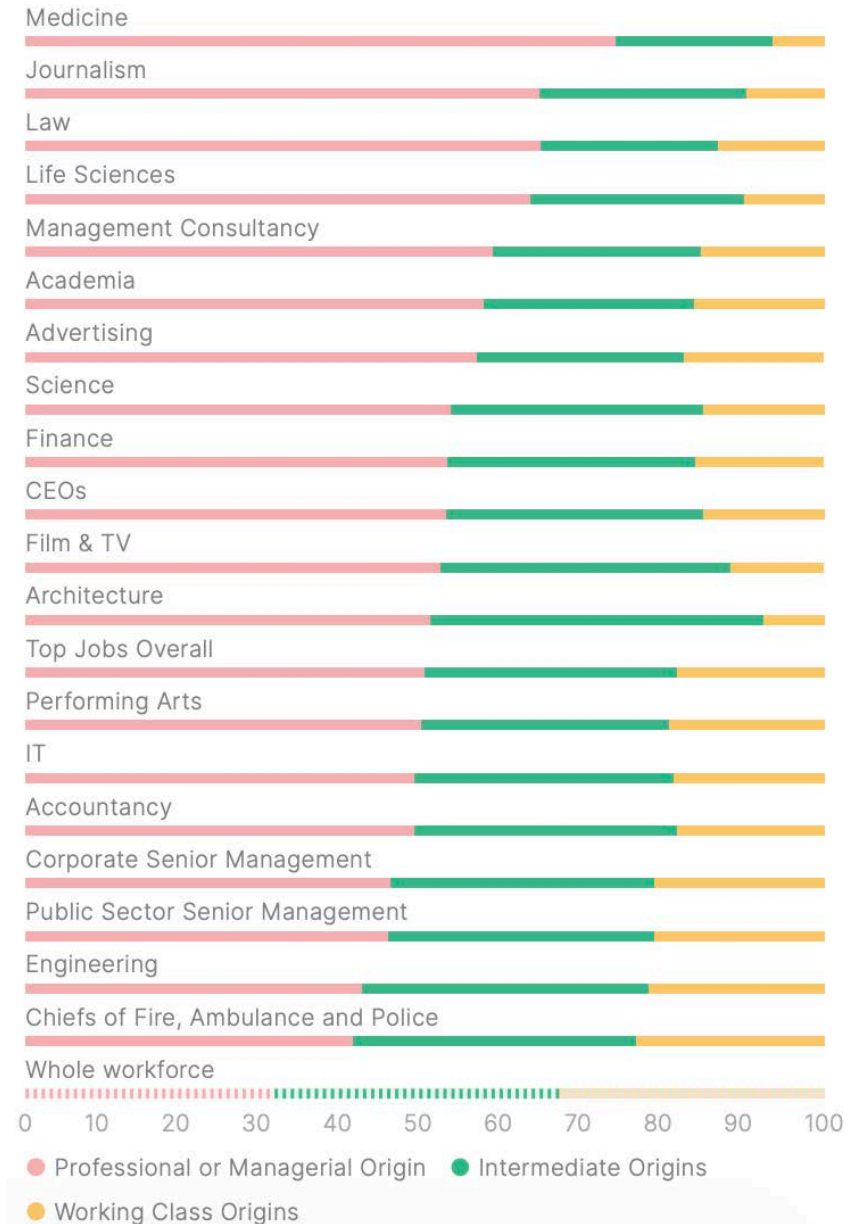


Admissions Open
September 2019



The admissions challenge

- Medical programmes are academically demanding and full of exams
- Selection leans towards success in secondary school assessments
- This introduces bias towards "good" schools; selection and the private sector
- Reinforces inequalities in society
- Many potentially strong young people have diminished chances of entering profession

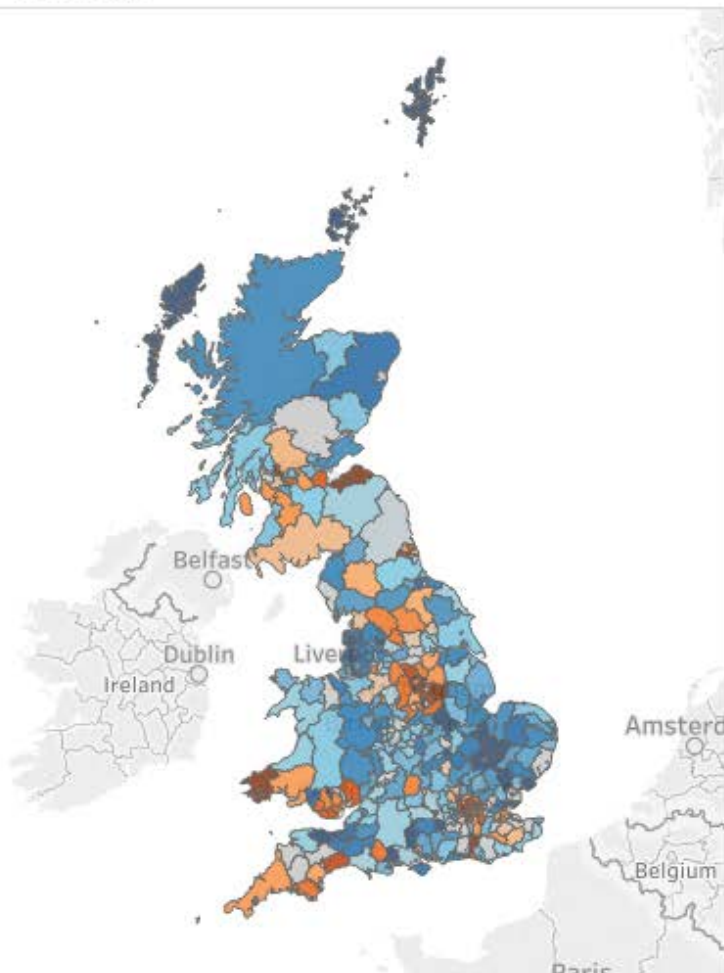


How is medicine doing?

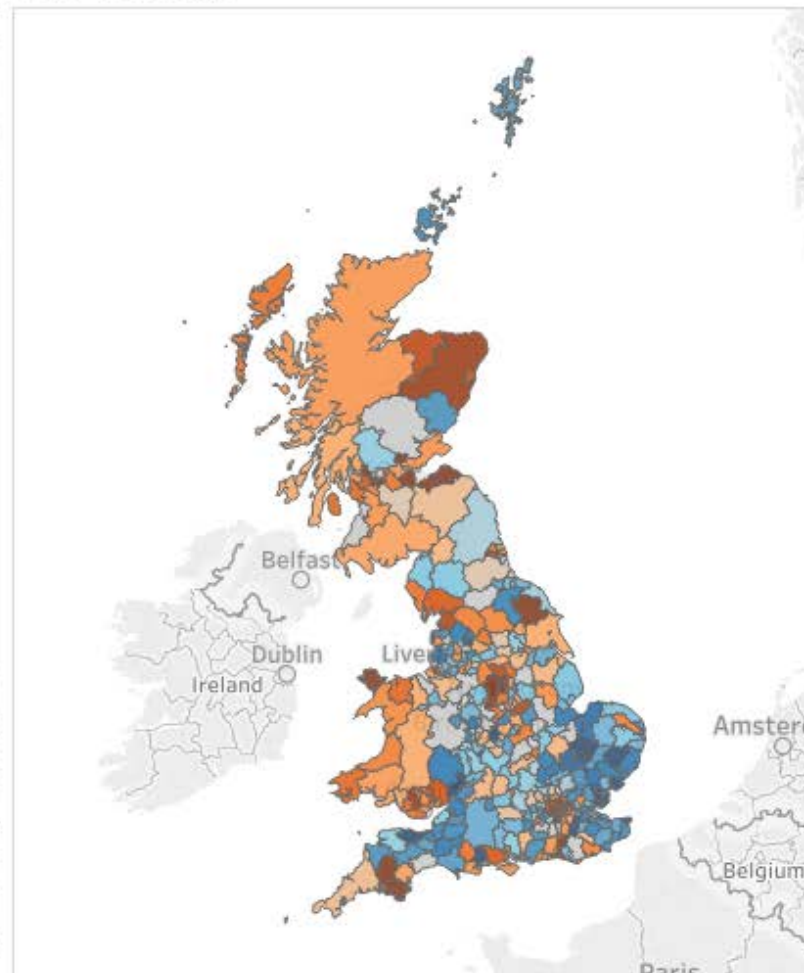
	HEI generally	Medicine
Entrants from POLAR Quintile 1 & 2	26%	16%
Entrants from state funded schools	91%	74%
Entrants who are first in family to enter tertiary education	45%	23%

In the UK 6.5% of students are educated in independent schools

2015 heat map



2017 heat map



2015 Proportion engaged



2017 Proportion engaged



District
All

Imperial funded to target cold spots in Medway and Thanet
As well as others in Essex and Bedfordshire

Kent and Medway Medical School Approach

- Operate minimum standards, using GCSE/UCAT
- We won't use predicted grades at all
- Standard conditional offer AAB
- Subject to academic attainment, guaranteed interview for students who come from the Kent & Medway Progression Federation (KMPF) a partner school or college of either Canterbury Christ Church University or the University of Kent or at a University of Kent Academies Trust school.
- *Enhance contextual approach; rank applicants who have achieved strong results in challenging schooling and personal contexts.*



KMMS Open Day at Kent, April 2019





**KMMS Open
Day at Christ
Church, June
2019**





**Medical Fayre at
Christ Church
Medway Campus**

Virtual Open Day September 2019



Virtual Open Day

290 views



17



1



Live chat



Share



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Kent and Medway Med...

49 subscribers



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https://youtu.be/khRQ_2GsVew

**KENT AND
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Autumn Open Days

Two University of Kent students found dead in one week in Canterbury

 KENT TRAVEL NEWS

SIGN ME UP FOR NEWS ALERTS 

By Alan Smith ajsmith@thekmgroup.co.uk

Published: 13:02, 25 October 2019 | **Updated:** 14:47, 25 October 2019



A city university is mourning the tragic deaths of two students just a week apart.

Post-graduate Jessica Small, 26, was found at her home near the University of Kent campus in **Canterbury** on Friday, October 11.



The University of Kent in Canterbury has been struck by tragedy twice in one week

Seven days later, police were called to a property in University Road, where the body of 18-year-old Conor Chambers was discovered.

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Transitions in Medical School

- When

2020

- Transition 1
- School to University

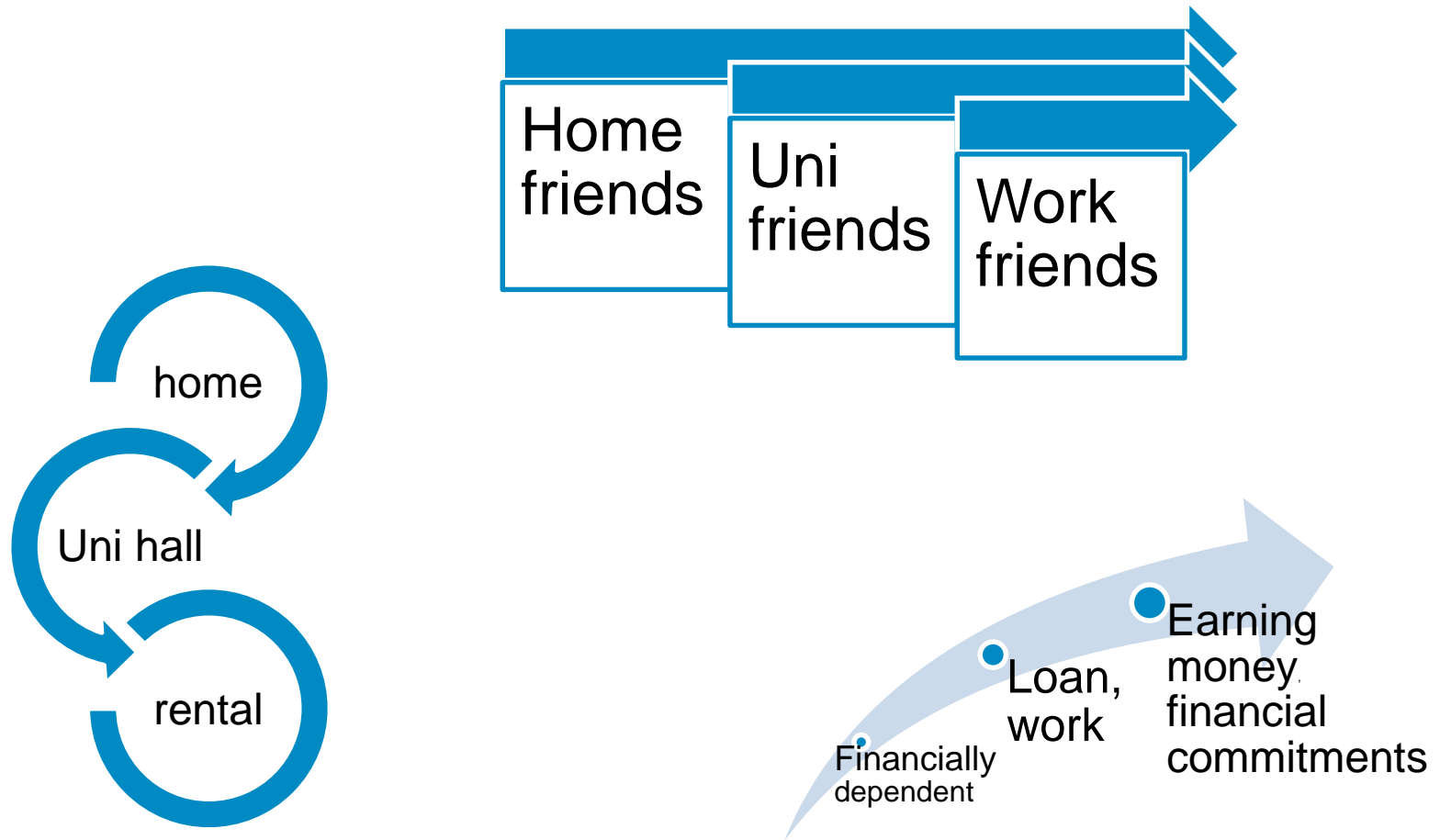
2022

- Transition 2
- Mostly university to mostly placement

2025

- Transition 3
- Student to FY1

Multidimensional



Adjustment

- Physical
 - Stress of the new
- Economic
 - Decisions and responsibilities
- Psychological
 - Identities gained and lost

KMMS Programme

For Students



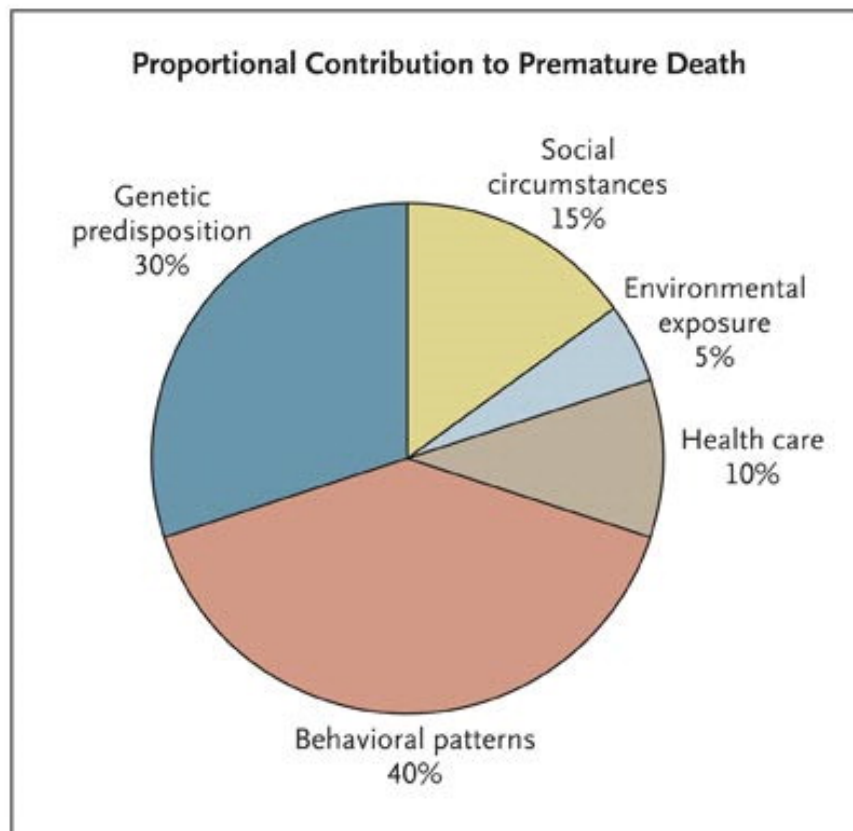
For Patients



For Kent and Medway



Determinants of Health and Their Contribution to Premature Death.

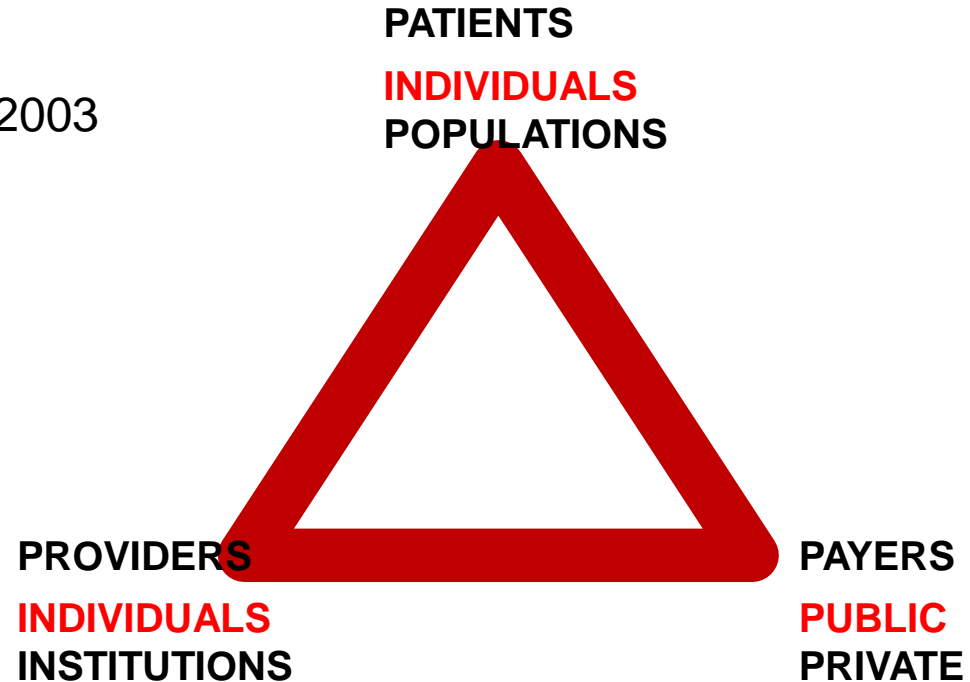


Schroeder SA. N Engl J Med 2007;357:1221-1228.



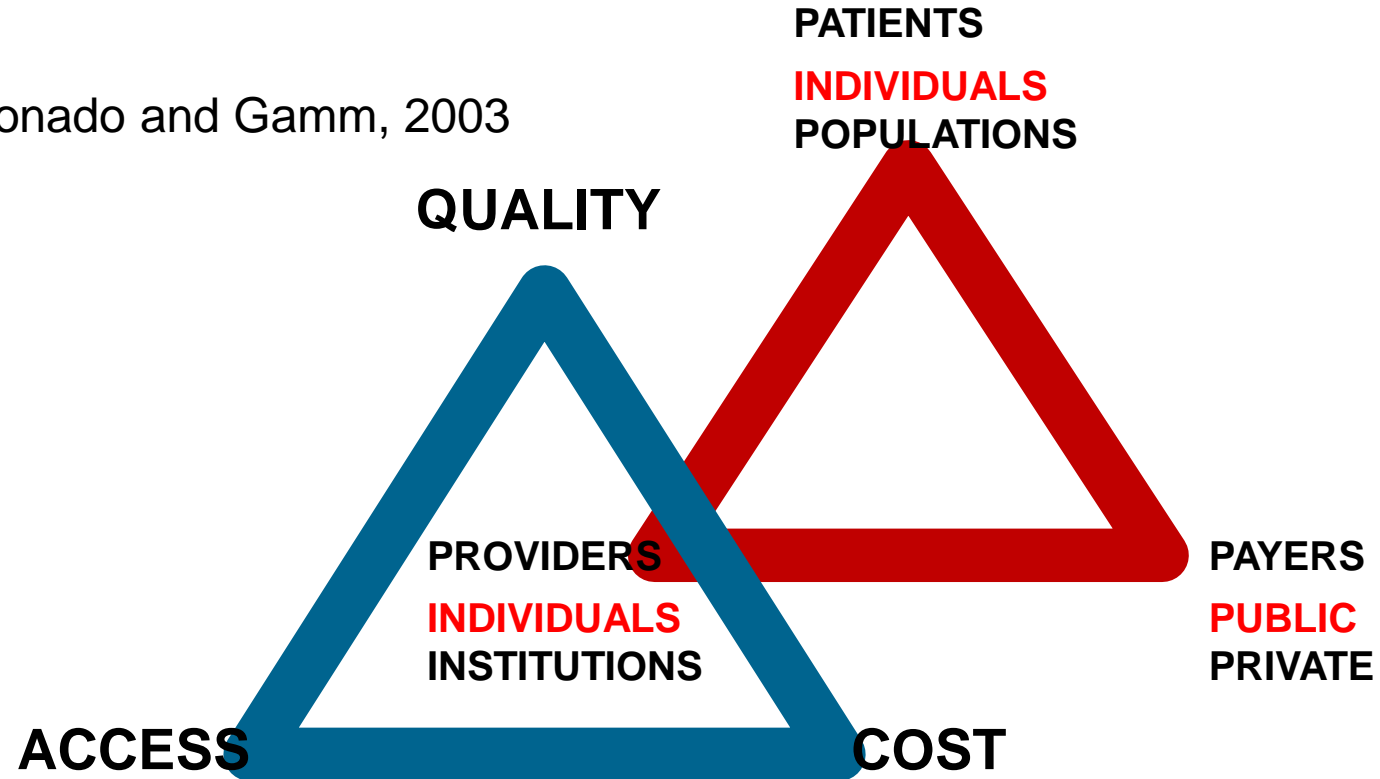
The 3 P's and the Iron Triangle

Benson, Weech-Maldonado and Gamm, 2003



The 3 P's and the Iron Triangle

Benson, Weech-Maldonado and Gamm, 2003
and Kissick, 1994



Association of Coworker Reports About Unprofessional Behavior by Surgeons With Surgical Complications in Their Patients

William O. Cooper, MD, MPH; David A. Spain, MD; Oscar Guillaumondegui, MD, MPH; Rachel R. Kelz, MD, MSCE, MBA; Henry J. Domenico, MS; Joseph Hopkins, MD, MMM; Patricia Sullivan, PhD; Ilene N. Moore, MD, JD; James W. Pichert, PhD; Thomas F. Catron, PhD; Lynn E. Webb, PhD; Roger R. Dmochowski, MD; Gerald B. Hickson, MD

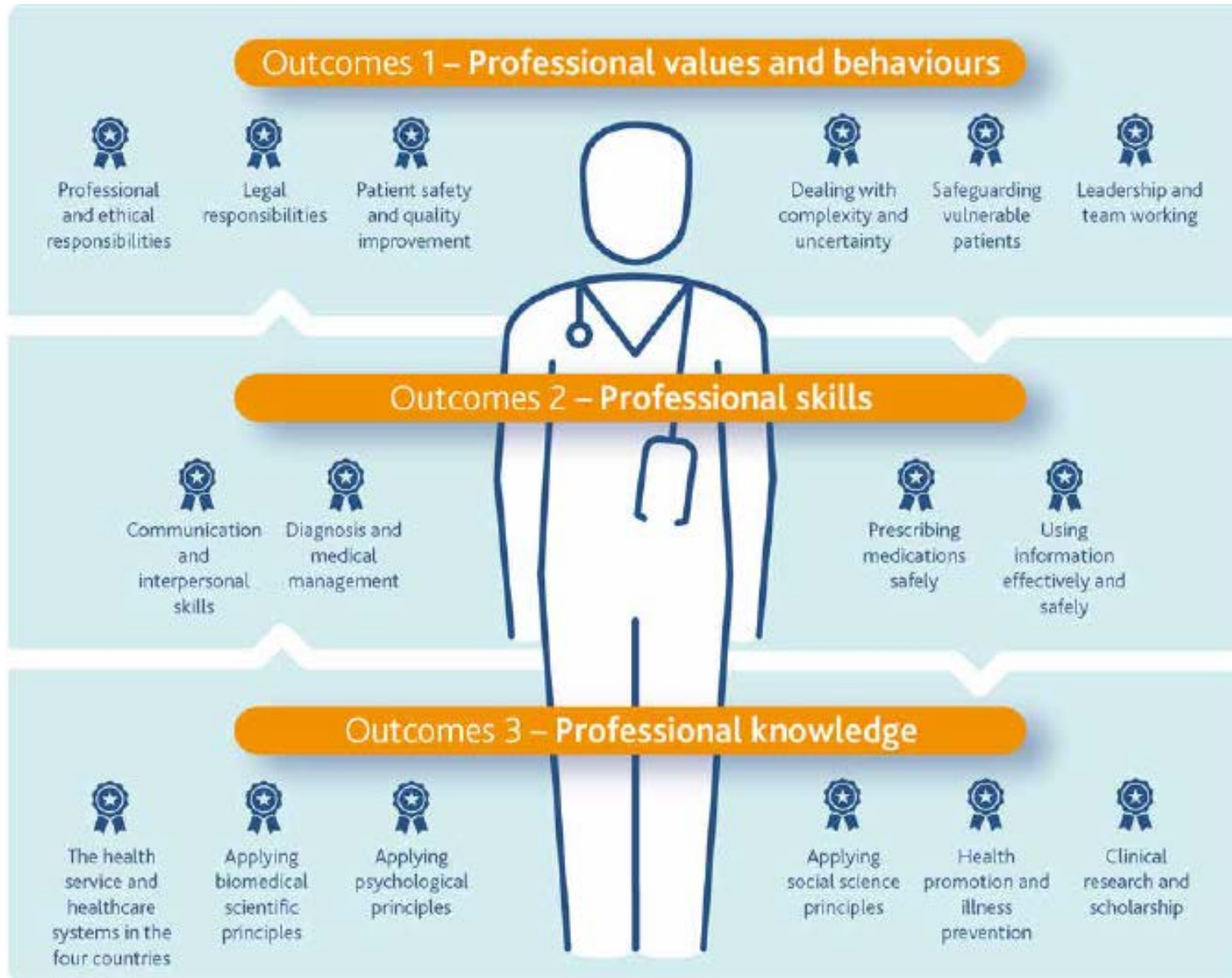
Key Points

Question Do patients of surgeons with a higher number of coworker reports about unprofessional behavior experience a higher rate of postoperative complications than patients whose surgeons have no such reports?

Findings Among 13 653 patients in this cohort study undergoing surgery performed by 202 surgeons, patients whose surgeons had a higher number of coworker reports had a significantly increased risk of surgical and medical complications.

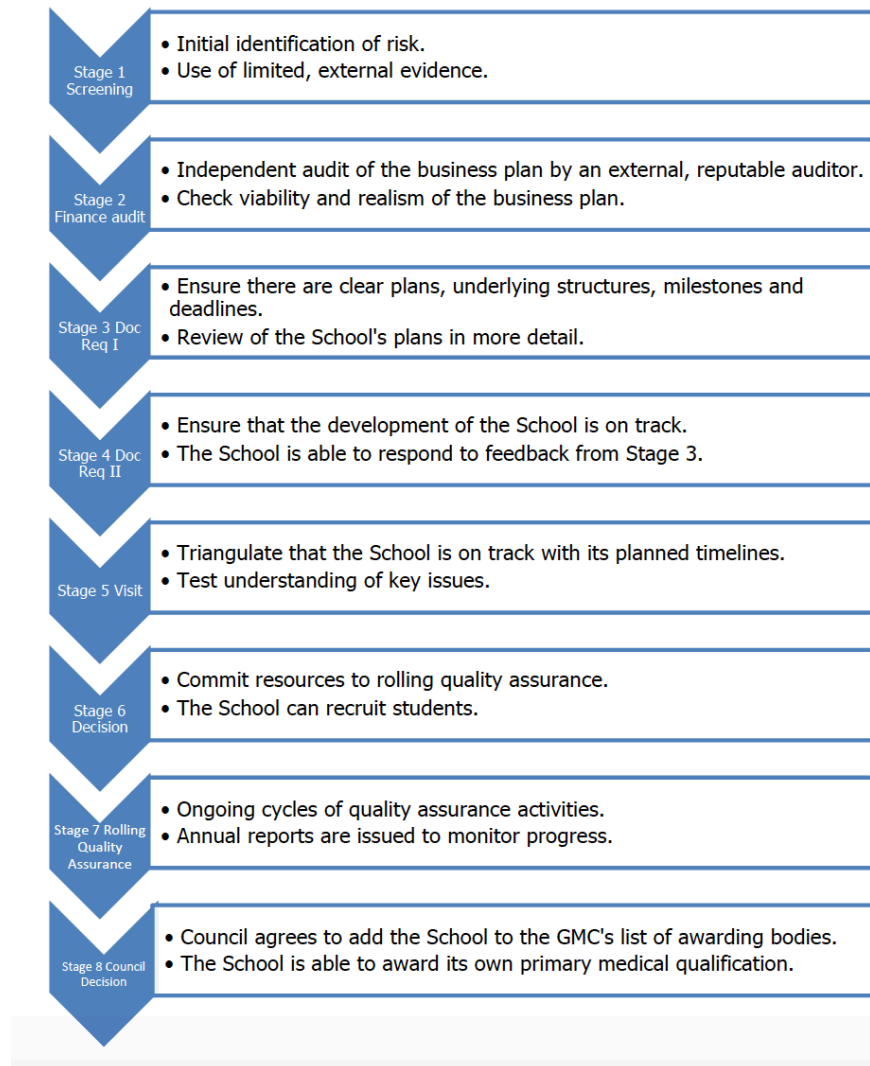
Meaning Surgeons who model unprofessional behaviors may help to undermine a culture of safety, threaten teamwork, and thereby increase risk for medical errors and surgical complications.

● GMC Outcomes for Graduates (2018)



Assessment

GMC Accreditation Process



GMC Stage 5 visit, July 2019



Bachelor of Medicine Bachelor of Surgery

- Five year course
- Systems-based learning
- Integrated programme with early patient contact
- Reflective of contemporary graduate requirements
- Technology and innovation embedded throughout
- Rich opportunities for student choice
- Scholarly learning through tasks
- Emphasis on primary care, public and mental health

Year 1	Programme Induction	Community and Primary Care in Practice 1 (28 days) (20 credits L4)				
		Person Centred Collaborative Practice 1 (20 credits L4)		Skills for Clinical Practice 1 (20 credits L5)		
		Foundations of Health and Disease (20 credits L4)	Heart, Lungs and Blood (20 credits L5)		Nutrition, Metabolism and Excretion (20 credits L5)	
Year 2	Community and Primary Care in Practice 2 (33 days) (20 credits L5)					
	Person Centred Collaborative Practice 2 (20 credits L5)		Skills for Clinical Practice 2 (20 credits L5)			
	Neuroscience and Behaviour (20 credits L5)		Reproduction and Endocrinology (20 credits L5)		Musculoskeletal and Immune Systems (20 credits L5)	
Year 3	Clinical Foundations Course (10 Credits L6)	Medicine (15 weeks) (20 credits L6)		Surgery (15 weeks) (20 credits L6)		Integrated Practice 1 (60 credits L6)
		Elderly Medicine and Psychiatry (1.5 days a week) (20 credits L6)				
	Clinical Pharmacology and Therapeutics (10 credits L6)					
	Scientific Basis of Medicine (30 credits L6)					
		Student Selected Component 1 (10 credit L6)		Student Selected Component 1 (10 credits L6)		
INTERCALATION or PLACEMENT YEAR						
Year 4	Specialist Rotations (8 x 5 weeks) (40 credits L6)					Integrated Practice 2 (60 credits L6)
	General Practice and Public Health Medicine 40 days – 1 day a week (20 credits L6)					
	Individual Research Project (60 credits L6)					
Year 5	Regional Attachments 3x 8 weeks (120 credits L7)		Finals (60 credits L7)	Elective	Preparation for Practice	
	Clinical and Professional Studies Unique Learning Environment (CAPSULE)					
	Seminar Programme					

Year 1	Programme Induction	Community and Primary Care in Practice 1			
		Professional Development and Person Centred Practice 1		Skills for Clinical Practice 1	
		Foundations of Health and Disease	Heart, Lungs and Blood	Nutrition, Metabolism and Excretion	
Year 2	Community and Primary Care in Practice 2				
	Professional Development and Person Centred Practice 2		Skills for Clinical Practice 2		
	Neuroscience and Behaviours	Reproduction and Endocrinology	Musculoskeletal and Immune Systems		
Year 3	Clinical Foundations Course	Medicine	Surgery	Integrated Practice 1	
		Elderly Medicine and Psychiatry			
		Student Seleted Components			
		Scientific Basis of Medicine			
		Clinical Pharmacology and Therapeutics			
INTERCALATION					
Year 4	Specialist Rotations (Obstretrics & Gynaecology, Paediatrics, Dermatology, Infectious Diseases, ENT, Ophthalmology, Neurosciences, Musculoskeletal medicine & surgery, HIV & genitourinary medicine, Oncology, Haematology & Palliative care)			Integrated Practice 2	
	General Practice and Public Health Medicine				
	Individual Research Project				
Year 5	Senior Rotations (Medicine, Elderly Medicine, Emergency Medicine, Surgery, General Practice & Psychiatry)		Finals	Electives	Preparation for Practice

Kent and Medway Medical School Assessment

- *To be a beacon for first-class medical education and research, and the first choice for all those aspiring to achieve excellence in person-centred medical care in the UK.*
- To create a new cohort of medical graduates equipped with the **knowledge, skills and attributes** to be excellent Doctors and to contribute to the essential changes required to keep the NHS functioning.

KMMS Assessment philosophy & strategy

Informed and influenced by:



VISION / INNOVATION



NOVATION



SPIRIT/CULTURE



RIGOR / PATIENT SAFETY

KMMS Assessment philosophy & strategy

Drivers

- **Overall Programme view for MLA success** - 5 year perspective
- **Continuous assessment** focus (multiple lower stakes assessment, building up as year progresses)
- **Integration of knowledge** (reduce silo learning and increase retention of knowledge)
- **Valid and reliable data** to underpin high stakes decisions
- **Workload management** for staff and students re assessment burden
- **Feedback** to students important
- **Reduce strategic studying of students** in an integrated assessment system
- End of year **integration, remediation and improvement** assessment opportunity
- **Fair standard setting method** with a **back-up method** as reality check

GMC Medical Licensing Assessment (MLA)

- National benchmarking for minimum standard for Foundation training & common threshold for safe practice for those with a licence to practice
- From 2023 for all UK medical students and for International medical graduates (IMGs)
- 2 parts:
 - **AKT – Applied Knowledge Test** – Centrally set by GMC, administered via Online **SBA** exam to all medical schools. Standard set by national panel / process. **PM≈ 56-60%**
 - **CPSA – Clinical and Professional Skills Assessment** – Medical school must produce evidence how their system and CPSAs in previous years support and meet the minimum standards set by GMC for this domain. Vast majority of UK med schools use OSCEs
 - **No compensation** between these 2 parts
- MLA performance has **reputational risk** for medical schools, esp. new schools like KMMS
- KMMS assessment strategy designed to **optimise outcomes** in MLA

Curriculum Mapping: Why

