



# Pathology Undergraduate Curriculum in University College Cork: An Audit

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## INTRODUCTION

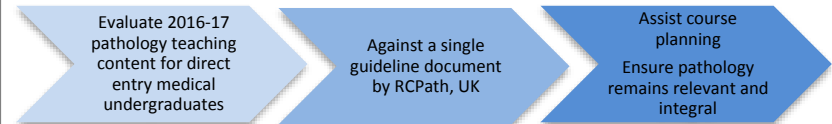
### Pathology:

- Forms bridge between basic science and clinical medicine.
- Central role in patient care.
- Involved in >70% diagnoses in the NHS, UK.

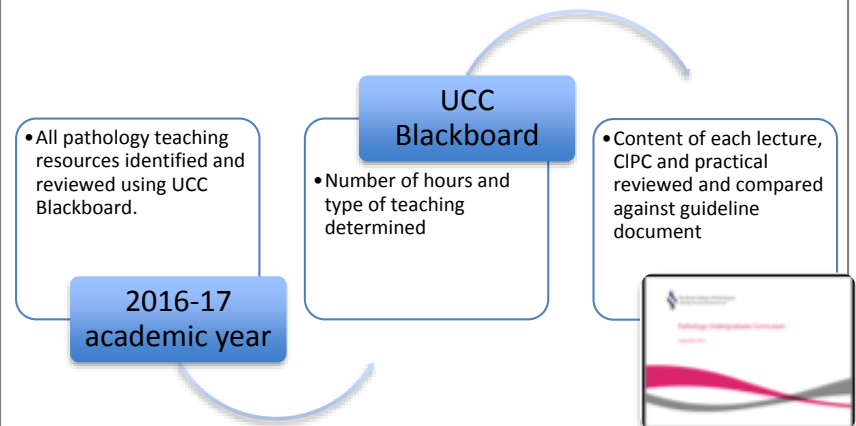
### Undergraduate Pathology Education:

- Provide knowledge of mechanisms and manifestations of disease.
- Raise specialty profile and stimulate interest as a career.
- Must remain relevant and integral in this era of changing medical education.

## AIM



## METHODOLOGY





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## RESULTS

**Total teaching hours: 113**

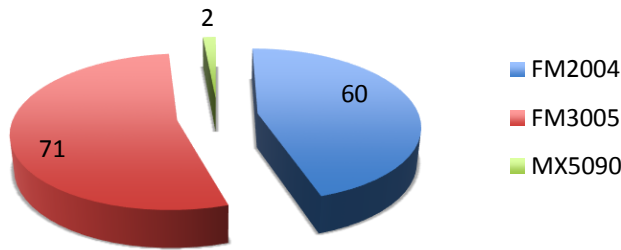


Chart 1. Teaching time per module

- 2 pathology modules over 2 semesters:
  - (1) FM2004 Foundation of Medicine: Mechanisms of disease (10 credits)
  - (2) FM2005 Foundations of Medicine: Manifestations of Disease (10 credits)
- Clinical Laboratory session in final year: MX5090 Clinical Pathways and Professionalism

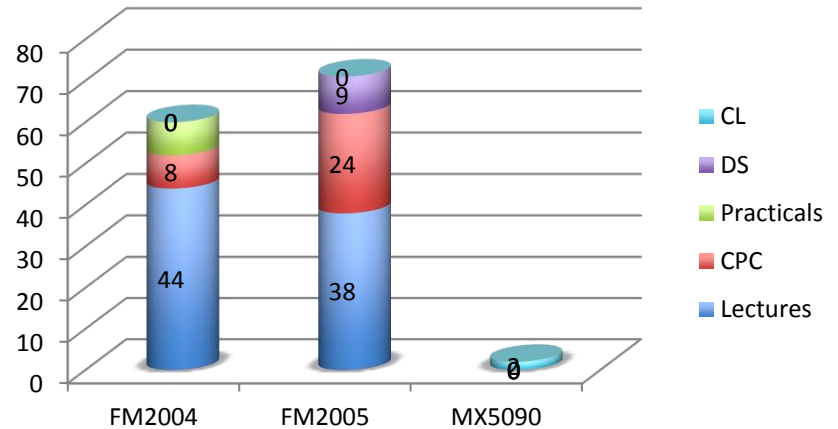


Table 1. Teaching method by module; CL: Clinical Laboratory, DS: Directed study, CPC: Clinicopathological cases.

- Additional learning material provided on Blackboard included YouTube videos and a handbook on Transfusion Medicine.



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## RESULTS

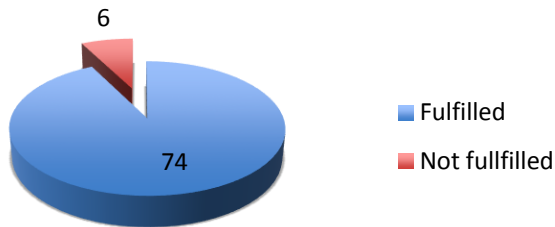


Chart 2: Knowledge relating to cell biology, pathology and clinical features of biological processes.

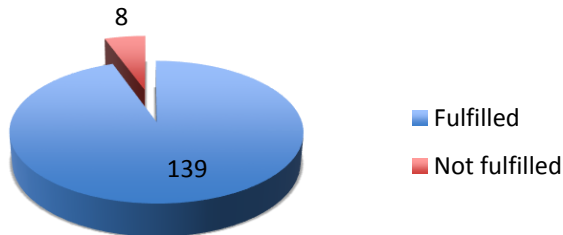


Chart 3.: Knowledge relating to systems of the body.

Knowledge, skills and behaviors essential for working with Pathologists: Covered in 'Pathology Laboratory' and 'The Role of Molecular Pathology' lectures and in MX5090 laboratory session.

## CONCLUSIONS

- Lectures is the main teaching method .
- Overall rate of curricular criteria fulfillment was good (89.4% - 100%).
- One major deficiency - laryngeal cancer
- Diseases of the pericardium was a minor deficiency. Overlap with other specialties.
- Deficiencies rectified and included in 2017-18 curriculum.
- Our study highlights the importance of audit in ensuring pathology curriculum remains relevant and integral to medical education and demonstrates the role of audit in course planning.
- Student feedback data currently being gathered to ensure delivery of pathology teaching fulfills the above aim.