The 2010 Histopathology Curriculum: Moving Towards Modular Training and Credentialing

Pathological Society of Great Britain and Ireland
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Royal College of Pathologists
Curriculum development

- Governance of education and training
- Changes to the 2010 curriculum
- Curriculum modules
- Drivers for curriculum and programme change
- Proposed and possible changes to specialty curricula
## Governance and Regulation of Postgraduate Training

<table>
<thead>
<tr>
<th></th>
<th>Royal Colleges</th>
<th>HEE regional offices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard setting</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Curricula</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Design/Delivery of Examinations</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Design of assessments</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Delivery of programmes</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Delivery of WPBAs</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Quality assurance of training</td>
<td>?</td>
<td>?</td>
</tr>
<tr>
<td>Recruitment of trainees</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Management of trainees</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Recommendation for CCT</td>
<td>✓</td>
<td>✓</td>
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UK Histopathology Training

Curriculum for specialty training in histopathology
June 2010
2010 Changes to the Histopathology Curriculum

Â Early decisions reflect training and service needs:
   Â Extend training programme to 5.5 years but with variable end point
   Â Competency lists introduced for each stage of training
   Â Optional research methodology module in early stages
   Â Autopsy and cervical cytology optional in later stages, stand-alone examinations

Â Increased / new content
   Â Generic competencies
      Â Management and leadership
      Â Education and training
   Â Molecular pathology

Â Transitional arrangements
   Â Like-for-like transfer
   Â Fellowship for partial exam passes
2010 Histopathology Curriculum

- **Stage A**
  - 12 months

- **Stage B**
  - 12 to 18 months

- **Stage C** (including Autopsy and Cervical Cytology packages)
  - 24 to 30 months

- **Stage B + Stage C = 42 months minimum**

- **Stage D**
  - 12 months

- **Total training = 12 + 42 + 12 = 66 months**
## Stage A (12 months)

<table>
<thead>
<tr>
<th>Assessments</th>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>• WPBAs x 18</td>
<td>• Most simple cut up</td>
</tr>
<tr>
<td>• 12 directed</td>
<td>• Some complex cut up</td>
</tr>
<tr>
<td>• MSF</td>
<td>• Basic reporting (including cytopathology)</td>
</tr>
<tr>
<td>• OSPE</td>
<td>• Evisceration of simple autopsy</td>
</tr>
<tr>
<td>• ESSR</td>
<td>• Simple autopsy report</td>
</tr>
<tr>
<td>• ARCP outcome 1 or 2</td>
<td>• Time management and task prioritisation</td>
</tr>
<tr>
<td></td>
<td>• Audit</td>
</tr>
</tbody>
</table>
## Minimum Expected Experience

<table>
<thead>
<tr>
<th></th>
<th>Stage A</th>
<th>Stage B (per year)</th>
<th>Stage C (per year)</th>
<th>Stage D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Surgicals</strong></td>
<td>500</td>
<td>750</td>
<td>1000</td>
<td>1500</td>
</tr>
<tr>
<td><strong>Cervical Cytology</strong></td>
<td>150</td>
<td>200</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Non-Cervical Cytology</strong></td>
<td>150</td>
<td>200</td>
<td>300 (at least 70% new)</td>
<td>300 (at least 80% new)</td>
</tr>
<tr>
<td><strong>Autopsies</strong></td>
<td>20</td>
<td>20 (+2 paed)</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Audits</strong></td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>
Workplace-based assessments
- List of scenarios / contexts appropriate to stage or optional training package
- Proportion of types of WPBAs varies by stage
<table>
<thead>
<tr>
<th></th>
<th>Stage A</th>
<th>Stage B</th>
<th>Stage C</th>
<th>Stage D</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOPs</td>
<td>6 (all directed)</td>
<td>6 (4 directed)</td>
<td>6 (4 directed)</td>
<td>0</td>
</tr>
<tr>
<td>ECEs</td>
<td>6 (3 directed)</td>
<td>6 (4 directed)</td>
<td>6 (4 directed)</td>
<td>6 (all directed)</td>
</tr>
<tr>
<td>CBDs</td>
<td>6 (3 directed)</td>
<td>6 (4 directed)</td>
<td>6 (4 directed)</td>
<td>6 (all directed)</td>
</tr>
<tr>
<td>Total in stage</td>
<td>18</td>
<td>18</td>
<td>18</td>
<td>12</td>
</tr>
<tr>
<td>Total directed</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
</tbody>
</table>
Higher Autopsy Training
(3 months, stage C or D)

Assessments

Å WPBAs x 6
  ï all directed
Å CHAT
Å ESSR

Experience

■ 60 autopsies in package
  (100 total in training)
■ Attendance at Court

Competencies

Å Ability to technically complete most autopsies (including complex and infectious cases)
Å Appropriate histology and interpret other investigations
Å Appropriately refer cases for specialist opinion
Å Coroner’s Court / Fatal Accident Inquiry experience
Å Teaching
Å Time management
Higher Cervical Cytology Training
(3 months, stage C or D)

Assessments

- WPBAs x 4
  - all directed
- CHCCT
- ESSR

Competencies

- Ability to report most cervical cytology cases
- Ability to refer appropriately for second opinion
- Cervical cancer MDT working
- Teaching
- Interpretation of performance indicators for NHSCSP
- Liaison with other professional groups
- Time management

Experience

- 500 cervical cytology cases (great majority new) cases
Research Methodology
(3 months, stage B)

Assessments

- WPBAs x 6
  - all directed
- Training Portfolio
- Research Supervisor’s Report

Competencies

- Ability to apply fundamentals of scientific process / evidence-based medicine
- Ability to apply ethical principles of research
- Ability to design a research study (peer-reviewed)
- Ability to critically analyze research

Experience

- 3 month block, appropriate department
- Design a research study (including ethics and funding)
- Write a paper or book chapter (peer reviewed)
Optional Modules - Examinations

Å Higher Autopsy Training
  ï Certificate of Higher Autopsy Training (CHAT)

Å Higher Cervical Cytology Training
  ï Certificate of Higher Cervical Cytology Training (CHCCT)
Optional Modules – Take-up

- Autopsy ⏰ 50 % 75% depending on region
- Cervical cytology ⏰ 80%
- Research methodology ⏰ 2!
Drivers for future curriculum change

- Shape of (medical) training review
  - Sponsored by AoMRC, COPMED, GMC, HEE, DH, devolved nations
  - Widespread consultation
  - Excludes Foundation training

- Predictions
  - Generalist CCT
  - Post-CCT specialist training / fellowships
  - Modular credentialing (NCCG posts?)
Drivers for future curriculum change

- Reconfiguration of service delivery post-Carter Review
  - Medical microbiology and virology / Infectious diseases changes to infection training
- Consolidation of Cell Path departments
  - Cervical Cytology
  - Molecular biology integration
  - Specialist reporting
- Modernising Scientific careers
  - Adaptable curricula
Drivers for future curriculum change

- Input from external (or internal) bodies
- Increased generic curriculum content
  - Management and leadership
  - Education and training
    - Educational and Clinical supervision training
  - Molecular methods and research
  - Health inequalities
  - Alcohol and drugs awareness
  - Information governance
Process of curriculum change

- TPDs
- SAC
- Trainees
- Deliverability groups
- External bodies
- RCPATH
- CSTC
- Fellowship
Process of curriculum change

CSTC

RCPath Council / Executive
College

GMC
Curriculum

Devolved
nations

HEE
AMPB
LETB MDs
Predictable/predicted Changes to Specialty Curricula

- Common content to all curricula in stand-alone curriculum?
  - FRCPPath part 1 module
    - Management and leadership
    - Education and training
    - Molecular methods
    - Research, statistics and critical paper evaluation
  - Convert research methodology module to molecular pathology content applicable to all
- Post-CCT fellowships replace/extend sub-specialty training?
- Cross-specialty training to Part 1?
UK Training Strengths

- Single curriculum for each specialty
- Single examination and assessment system
- Single UK-wide specialist register
- Single UK-wide regulatory authority (GMC)
- Single UK-wide Royal College