Challenges in Palliative Care Education

Professor John Ellershaw

30th March 2017
Overview

- World Health Organisation (WHO) Resolution
- EAPC Medical Education Steering Group
- APM Undergraduate Medical Education Special Interest Forum
- Evaluation - Global iMEP
2014 WHO Resolution  
What is the need?

• 20 million people need palliative care in the year before death
• 42% of countries have no palliative care services; 32% have minimal service delivery.
• 80% of the world’s population lack access to medication
• 5.5 million cancer patients have no access to adequate pain treatment
The WHO urges member states to include palliative care as an integral component of the ongoing education and training offered to care providers, in accordance with their roles and responsibilities, according to the following principles:

a) basic training and continuing education on palliative care should be integrated as a routine element of all undergraduate medical and nursing professional education
2014 WHO Resolution
Education and Training

b) intermediate training should be offered to all health care workers who routinely work with patients with life-threatening illnesses, including those working in oncology, infectious diseases, paediatrics, geriatrics and internal medicine

c) specialist palliative care training should be available to prepare health care professionals who will manage integrated care for patients with more than routine symptom management needs
Overview

• World Health Organisation (WHO) Resolution
• **EAPC Medical Education Steering Group**
• APM Undergraduate Medical Education Special Interest Forum
• Evaluation - Global iMEP
European Association for Palliative Care
Medical Education Steering Group

- Working with an international taskforce to develop a Palliative Medicine Undergraduate and Postgraduate Medical Education Curriculum.
- Pilot Research Study of medical students’ attitudes and skills in six European countries (IMEP)
- Mapping of medical education
- WHO palliative medicine curriculum development
Specialisation in Palliative Medicine

Timeline
Specialisation in Palliative Medicine

Method

• Descriptive study
• Data provided by key experts from countries of the World Health Organization European Region (n = 53)
• Numerical scoring system developed through consensus techniques
## Specialisation in Palliative Medicine

### Results

<table>
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<th>Palliative Medicine (PM) teaching in EU medical schools</th>
<th>Number of Countries</th>
<th>% of Countries</th>
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<tbody>
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<td>PM taught in all medical schools</td>
<td>13</td>
<td>30%</td>
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<td>Compulsory PM component</td>
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<td>14%</td>
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### Specialisation in Palliative Medicine

#### Results

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Three indicators were developed to construct a scale (rank 0-100) of educational development:

1. proportion of medical schools that teach PM (weight = 32%)
2. proportion of medical schools that offer PM as a compulsory subject (weight = 40%)
3. total number of PM professors (weight = 28%)

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Specialisation in Palliative Medicine

Results

Highest level of PM educational development:

- Israel
- Norway
- UK
- Belgium
- France
- Austria
- Germany
- Ireland
Overview

• World Health Organisation (WHO) Resolution
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• APM Undergraduate Medical Education Special Interest Forum
• Evaluation - Global iMEP
Current Undergraduate Training UK

• Mean hours = 36 (2013)
• range from 7 to 98 hours (Walker et al., 2016 - Palliative Medicine)
• Hours have increased, but effects unknown…
• In at least 4 medical schools (13%), it was possible for some students to go through the entire course without meeting a PC patient.
Future UK Health Care Needs

- Increasing elderly population
  - UK population > 75 years: 7.9% to 13% in 2037

- 36% of hospital patients have palliative care needs
  - 1 in 3 patients will die within the year.

- Newly qualified doctors will care for 40 dying patients and a further 120 in the last months of life
Association for Palliative Medicine
Undergraduate Education Special Interest Forum

- Updates the curricula for undergraduate medical education in the UK
- Themed annual meetings
  - 2016 Technology Enhanced Learning
  - 2017 Communication Skills
- Dedicated website for undergraduate teaching:
  
  http://www.apmuesif.phpc.cam.ac.uk
Welcome to the Association for Palliative Medicine Special Interest Forum for Undergraduate Medical Education

We are a group that is open to everyone with an interest in teaching Palliative Care to medical students. We have an email list by which we keep in touch with group members. If you would like to add your name or that of a colleague to our email list, please email Dr Stephen Barclay at hlg62@meadschi.com.ac.uk.

We hold a national conference once a year, details of our conferences in 2013, 2014, 2015 and 2016 are available via the “Annual Conferences” tab, as are details of the upcoming conference in 2017.

We have recently updated the APM Curriculum for Undergraduate Medical Education and mapped this to the GMC documents “Tomorrow’s Doctors”. These documents are available via the “APM Curriculum” tab.

Each UK Medical School has been invited to supply information for the “Medical School Information” tab. This supplies information concerning the lead teachers in each school, with a summary of their curriculum.

The co-leads are Prof. John Ellershaw (Liverpool) and Dr Stephen Barclay (Cambridge).

News & Events

- **Annual Conference 2017** (22-Aug-2016)

  The next conference of this group will be held in Cambridge on **Wednesday September 13th 2017**. Please book that date in your diary now, further information will be posted here nearer the time, and also emailed to all those who have asked for their names.

- **Annual conference 2016** (23-Jun-2014)

  The last meeting of the Special Interest Forum was on **Wednesday May 11th 2016** at the Marie Curie Palliative Care Institute, University of Liverpool. Download the full Programme: New Programme 08:15 Registration and Coffee 08:45.
## Belfast Queen's University

<table>
<thead>
<tr>
<th>NAME OF MEDICAL SCHOOL:</th>
<th>Queen's University Belfast</th>
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<tr>
<td>Medical school lead for undergraduate medical education in palliative care:</td>
<td>Dr Neil Jackson</td>
</tr>
<tr>
<td>Name:</td>
<td></td>
</tr>
<tr>
<td>Postal Address:</td>
<td>Palliative Care Team, Elliot Dining Unit, The Royal Hospitals, 724 Great Eastern Road, Belfast, BT5 6BA</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:neil.jackson@qub.ac.uk">neil.jackson@qub.ac.uk</a></td>
</tr>
<tr>
<td>Telephone:</td>
<td>02890 756372 or 02890003247</td>
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<tr>
<td>Teaching PA name:</td>
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<td>Teaching PA email:</td>
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<td>Teaching PA telephone:</td>
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<td>Local palliative care teaching for undergraduate medical education:</td>
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<tr>
<td>Name:</td>
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<td>Postal Address:</td>
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### OVERVIEW OF PROGRAMME

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<th>Phase 2 / 2nd year</th>
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<tr>
<td>1.5 hr lecture in phase 2,</td>
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<tr>
<td>Phase 3 / 3rd year</td>
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<td>Teaching done in some hospitals as part of medical rotation (all students do not get this, therefore not counted in overall 10.5 hrs)</td>
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<tr>
<td>Phase 4 / 4th year</td>
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<tr>
<td>Formal teaching as part of Cancer studies in phase 4, covers symptom management (4 hrs), hospital visit (3 hours), Break in Bed (3 hrs), Emergencies (2 hr), Remembrance (1 hr), Ethics (1 hr)</td>
</tr>
<tr>
<td>Phase 5 / 5th year (FY0)</td>
</tr>
<tr>
<td>Preparation for practice (2 hrs)</td>
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University of Cambridge

NAME OF MEDICAL SCHOOL: Cambridge

Medical school lead for undergraduate medical education in palliative care:
Name: Dr Stephan Barclay
Postal Address: Institute of Public Health, University Forvie Site, Robinson Way, Cambridge, CB2 0SR
Email: sigb2@medschl.cam.ac.uk
Telephone: 01223 763082
Teaching PA name: Angela Murphy
Teaching PA email: am765@medschl.cam.ac.uk
Teaching PA telephone: 01223 330300

Is palliative care a compulsory part of the course?
Yes

If yes, how many hours are timetabled?
10 days during the three clinical years

Is palliative care examined in final exams or at other points in the course?
Yes

If yes, please give details:
- One of the ten Simulated Clinical Counter Exam stations.
- Several questions in Single Best Response examination papers.

OVERVIEW OF PROGRAMME
(attach any relevant documents)

Cambridge Palliative Care Curriculum
Association for Palliative Medicine
Undergraduate Education Special Interest Forum

- Annual Conferences
  - Fifth annual conference: Wednesday Sept 13th 2017, Cambridge
- Parallel Session at APM Supportive and Palliative Care Conference
- APM SIF website
  - UK Medical Schools
  - UK Undergraduate Curricula
  - Online Resources
- Single Best Answer exam questions – National bank
- GMC Liaison
General Medical Council
Good Practice in Decision Making
Overview

• World Health Organisation (WHO) Resolution
• EAPC Medical Education Steering Group
• APM Undergraduate Medical Education Special Interest Forum

• Evaluation - Global iMEP
The Kirkpatrick Training Evaluation Model

- **Results**
  - Has patient care improved?

- **Behaviour**
  - Did behaviour change following the training?

- **Learning**
  - Assessment: Did the required knowledge transfer occur?

- **Reaction**
  - Evaluation: Were the students satisfied with the training?
The Global International Medical Education In Palliative Care (IMEP) Initiative

S. Mason, J Ellershaw
International Medical Education In Palliative Care (IMEP)

2 Measures:

1. Self Efficacy in Palliative Care scale (SEPC)
   - Communication
   - Patient Management
   - Multi-professional Teamwork

2. Thanatophobia Scale
International Medical Education In Palliative Care (IMEP)

**Aim** – Feasibility study: evaluate how prepared newly qualified physicians are to practice palliative medicine.

Key Objectives are to conduct a pilot project that will:

1. translated scales (French, German, Italian & Spanish) SEPC and the Thanatophobia
2. feasibility of assessing newly qualified doctors’ preparedness for palliative care patients
3. document the training (core and optional) within curricula
4. prepare the groundwork for further study
The Global IMEP Initiative

- Develop electronic tools ✓
  - Pilot Studies ✓
  - UK
  - Israel
  - Coalesce existing data

- Provide central repository for data ✓
- Develop programme for data reporting
- Establish local/regional/national databases
- Provide data to promote the inclusion and expansion of training in prequalification
2017 APM Undergraduate Medical Education Special Interest Forum Meeting

Wednesday 13th September 2017
Cambridge University