Training Requirements for the Specialty of Internal Medicine

European Standards of Postgraduate Medical Specialist Training
Philosophy

Curriculum should reflect the increasing need for general, integrative care of the acutely ill patient in the hospital setting and the chronic patient in the outpatient setting.

Portray the internist as a team player who is coordinating care in close collaboration with other Specialties and primary care physicians.

Incorporate the perspective of the patient reflecting value-based care.
Objectives:
- Define Role and Scope of Internal Medicine in Europe.
- Define Core competencies that all internists have to comply with (national societies may always add to that)
- Define Procedures that all internists should master
- Define Milestones years 1-2 and 5
- Define Assessment during Training
- Define Schedule and minimum Duration of training
- Define Foundation years for Common Trunk for other Specialties
- Define Training requirements for Trainers and Institutions
Core competencies

CanMEDS 2015

Adopted by countries on five continents, making it the world’s most recognized and most widely applied physician competency framework.
Specific domains of expertise

- Multi-morbidity and Ageing
- Shared Decision Making
- Collaborative Care
- Transition of Care
- Medical Leadership
- Medical Consultation
- Acute Care
- Vulnerable Adult
- Patient Safety and Quality of Care
# Clinical Presentation, Diseases and Procedures

**Emergency Presentations**

All internists should be able to recognize and initiate management for serious and/or potentially life-threatening medical emergencies.

<table>
<thead>
<tr>
<th>Independent Diagnosis and Therapy</th>
<th>Initial Diagnosis and Therapy</th>
<th>Timely Consultation and/or Referral</th>
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Clinical Presentation, Diseases and Procedures

ECG recording and interpretation
Drawing arterial blood
Abdominal paracentesis
Emergency cardiac defibrillation
Interpretation of chest X-ray
Thoracentesis
Non-invasive ventilation
Peripheral venous line placement
Lumbar puncture
Tracheal intubation testing
Urinary catheter placement
Nasogastric intubation
Bone marrow aspiration/biopsy
Central venous line placement
Joint and soft tissue injection
Elective cardioversion
Sputum culture
Emergency endotracheal tube placement
Ultrasound imaging
Joint aspiration
Drawing venous blood
Arterial line placement
Interpretation of peripheral blood smear
Doppler examination of peripheral pulses
Invasive mechanical ventilation
Flexible sigmoidoscopy
Urine microscopy
Skin biopsy

Fig. 1. Procedures performed by internists in European countries. Abbreviations: CXR, chest X-ray; ECG, electrocardiogram.

M. Cranston et al. / European Journal of Internal Medicine 24 (2013) 627–632
Core Competencies

Difficulties teaching Competencies

Domains are broad and diverse

How to translate to the world of medical practice?

European Education Center Internal Medicine
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by Reinold O.B. Gans on March 21, 2017
Core Competencies

Milestones (year 2 and 5)

- stages in the development of specific competencies; a continuum from medical school through residency to practitioner.
- give us a learning roadmap
Core Competencies

Milestones

• stages in the development of specific competencies; a continuum from medical school through residency to practitioner.

• give us a learning roadmap

  But the roadmap must be grounded in a clinical context to make it meaningful: entrustable professional activities
Core Competencies

**Entrustable Professional Activities**
- Translate competencies into clinical practice
  - Professional life activities that define the specialty, defined as tasks or responsibilities to be entrusted to unsupervised execution by a trainee
  - Ground the competencies in a physician’s everyday work
  - Activities lead to some outcome that can be observed
  - Complexity of the activities requires an integration of knowledge, skills and attitudes across competency domains
  - Competencies are descriptors of physicians, EPAs are descriptors of work.
Define Training Requirements for Trainers and Institutions

European Journal of Internal Medicine

Reflections in Internal Medicine

European Board guidance for training centres in Internal Medicine

C. Semple ¹, R. Gans ², R. Palsson ³

for the European Board of Internal Medicine

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³ Department of Medicine, Lundagård University Hospital and Faculty of Medicine, School of Health Sciences, University of Iceland, Reykjavík, Iceland

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ETR Review Committee

Sept 25, 2015

“7) Internal Medicine
Very well done document which includes up to date recommendations (i.e., Entrustable professional Activities (EPAs) and inspired from well accepted documents from other countries/organizations. Not always necessary to reinvent the wheel, but usually more effective in strengthening the wheel! »

Brussels, 9th May 2016

It is with great pleasure that the UEMS EEC unanimously endorses the ETR IM and will give positive recommendation to the Council when the ETR will be officially submitted, in October 2016.

The UEMS Executive Committee would like to congratulate the UEMS Section of Internal Medicine as well as all the parties involved in drafting the ETR IM for the outstanding quality of this document that aims to play a major part in raising standards in medical education and training in Europe.
Next on the Agenda

Implementation plan

European Educational Center for Internal Medicine
Political Issues in Internal Medicine in Europe

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Postgraduate Training

- Setting the basis for European Standards in Medical Training
- Advocating for competence-based training and assessment
- Developing a mechanism of evaluation of medical Specialists' competence at the European level
- Organising European examinations
CHARTER on TRAINING of MEDICAL SPECIALISTS
in the EUROPEAN COMMUNITY
Charter adopted by the Management Council of the UEMS, October 1993
THE EUROPEAN COUNCIL FOR ACCREDITATION OF MEDICAL SPECIALIST QUALIFICATIONS (ECAMSQ^{2})

e-portfolio development
ECAMSQ®
It aims at harmonising the content of National Postgraduate Training according to the highest European standards of Medical Training developed by UEMS Specialist Sections and European Boards.

UEMS Working Group on Postgraduate Training
National Medical Authorities
UEMS Specialist Sections and European Boards; CESMA
National Medical Associations
Training Requirements for the Specialty of Internal Medicine

European Standards of Postgraduate Medical Specialist Training

 Approved

European Education Center Internal Medicine
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e-portfolio development
THE EUROPEAN COUNCIL FOR ACCREDITATION OF MEDICAL SPECIALIST QUALIFICATIONS (ECAMSO)
UEMS Working Group on Postgraduate Medical Specialist Training

- ETR guidelines
- Guidelines for Visitations of Training Centers
- E-learning and E-Platform
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UEMS-CESMA GUIDELINES

- UEMS-CESMA - Guideline on Quality Control of European postgraduate medical education
- UEMS 2015.15 - UEMS CESMA - Guide to successfully writing MCQs
- UEMS 2015.16 - UEMS CESMA - Guideline for Organisation of European Postgraduate Medical Assessments
- UEMS 2015.17 - UEMS CESMA - Guideline for Examiner Selection for European Postgraduate Medical Assessments
- UEMS 2015.36 - UEMS CESMA - Guideline on Appeal Procedure
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(/>pricing)
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Professional Issues and the Quality of Care
• Political Issues in Internal Medicine in Europe
• The Changing Face of Internal Medicine: Patient-centered Care
• Internal Medicine in Europe: How to cope with the future
• What is the role of general internist in the tertiary of Academic setting?
Past Project EQUIP

- Gold standard for quality in practising internal medicine
- “Rule of ten”.- Immediate discharge document
- “Rule of twelve”.- Peer inspection of practices by national societies.

- Development of evidence based clinical guidelines by national societies based on the AGREE criteria
- European quality indicator project (EQUIP)
UEMS Working Group on the Quality of Patient Care

• Declaration: Commercialisation of Medical Practice
Exchange Program/ Young Internists
ESIM 2017

European School of Internal Medicine Summer 2017
Internal Medicine in Harmony

25 June - 1 July 2017 | Akoesticum, Ede, The Netherlands

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European Network:
- Data Sharing
- Public Health
- Collaborative Research
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appointed to Commission Expert Group on Rare Diseases of the EU Commission
European networks of reference for rare diseases
UEMS MJC Rare Diseases
TIME TO REPROGRAM ??

Policy Issues concerning Europe
ERN (Rare diseases)
Adult Vaccination
Choosing Wisely
...
EJIM
European School
ECIM
Big Data

Postgraduate Training
Medical Specialist Qualifications
MJC Rare Diseases

--> need for New Governance of EBIM
--> no formal change in UEMS/EFIM
European Board of Internal Medicine

Representatives of National Societies

EFIM

UEMS delegates

EFIM delegates

UEMS

3 or All?

European Education Center for Internal Medicine

→ online platform
FACULTY

• Professional Educators

• Experts in Medical Education

• National Opinion Leaders in the Field of Postgraduate Medical Specialization
Training Requirements for the Specialty of Internal Medicine

European Standards of Postgraduate Medical Specialist Training

European Exam/Diploma

ECAMSQ®

E-Portfolio

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Theme's:

- Multi-Morbidity and Ageing
- Patient Safety
- Collaborative Care
- Medical Leadership

Workshops:

- How to design EPA's
- How to write MCQ's
- EIM Masterclasses
- EIM Webcasts/Podcasts
- EIM Clinical Cases

--> Toolkit with Best Practices
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