EHA Medical Education Program

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European Hematology Association

Medical Education Program
Medical Education Program

An integrated approach on education-
Based on the following principles:

- Comprehensive program: covering all topics of hematology;
- Aimed at serving different target groups and offers a range of activities;
- Evidence based;
- The content is developed, reviewed and delivered by a faculty consisting of experts.

Design is based on:

• The European Hematology Curriculum;
• The CV Passport;
• Needs assessments;
• A review EHA’s existing learning tools (live events and online).
EHA Medical Education program currently offers an excellent mix of various forms of education, including online tools, live events, blended learning and career development programs.
EHA Education: integrated approach

- All online tools are integrated into the EHA Learning Center, which connects online education with live events and blended learning

- All learning materials, including the programs of the educational events are linked to the European Hematology Curriculum
EHA Learning Center

• The new Online Educational Portal
• Intergates all EHA’s learning tools into one comprehensive system
• Easy to use and navigate
• Linked to CV Passport Online => all learning materials tagged to Hematology Curriculum
EHA Learning Center

is

YOUR

learning portal!

We want to hear your feedback!
European Hematology Association and H-Net Project
Reasons for a “network” project

• Increasing mobility of European labour force, including doctors
• European focus on improving patient care
• No consensus on length of training in hematology
• Need to base training on required competences
• Tools needed to address these issues
• Network of Linkers needed for bottom-up process

⇒ H-Net
What was the H-Net project?

• An assembly of 30 (and growing) of the most important hematology and education organizations of Europe (and beyond), working to improve the mobility of students and professionals by equalizing and raising their skill levels.

• 3 year project 2008-2011, Leonardo da Vinci grant - fund of the European Commission’s Education and Culture department
H-Net Outcomes:

1. National and European Competence survey reports

2. Updated Hematology Curriculum Passport CV Passport, endorsed by 27 countries

3. Master Class Course

4. Linkers Network

And more...
European Hematology Association
Competence Survey
Aim of the H-net competence survey

- Describe *self-assessed* competence profile of 240 junior specialists in hematology who
  - finished training <9 years
  - performed >75% of the training in the country in question
- Anonymized results
- "Competence" - at or above passport recommendation
- National and European “maps”
- Update CV Passport
- Increase minimum length of training in Europe
2D: IMMUNOPHENOTYPING BY FLOW CYTOMETRY

General aspects of the methodologies for the following steps of Flow Cytometry testing:
- Pre-
- Post-analytical phase (e.g., data analysis and interpretation, taking into consideration...
- Use of the essential cellular markers commonly applied to the benign hematological conditions and...
- General principles of disease-oriented antibody panels designed to optimize detection and...
- Assessment of the utility, diagnostic applications, limitations and prognostic impact of...

European average

- Competence
- Knowledge
- Awareness
- On/above recommendation level
- No Awareness

Europe (N=192)
Median months in specialty and prespecialty training

- Denmark (n=9) - 139 months
- United Kingdom (n=11) - 120 months
- Austria (n=14) - 108 months
- Turkey (n=18) - 100 months
- Netherlands (n=17) - 98 months
- Germany (n=9) - 97 months
- Ireland (n=6) - 96 months
- Croatia (n=1) - 96 months
- Sweden (n=16) - 95 months
- Switzerland (n=8) - 93 months
- Poland (n=4) - 90 months
- Europe (n=212) - 90 months
- Greece (n=14) - 87 months
- Hungary (n=10) - 85 months
- Portugal (n=3) - 84 months
- Bulgaria (n=5) - 84 months
- Belgium (n=9) - 84 months
- Czech Republic (n=17) - 82 months
- Slovakia (n=10) - 81 months
- France (n=3) - 72 months
- Estonia (n=4) - 58 months
- Italy (n=9) - 52 months
- Spain (n=7) - 48 months

Scale: 0 to 160 months.
Median months in Hematology?

Ireland (n=6)  51
United Kingdom (n=11)  50
Italy (n=9)  48
France (n=3)  42
Switzerland (n=8)  39
Turkey (n=18)  39
Greece (n=14)  38
Portugal (n=3)  36
Denmark (n=9)  36
Poland (n=4)  36
Sweden (n=10)  32
Europe (n=212)  30
Slovakia (n=19)  30
Czech Republic (n=17)  30
Estonia (n=4)  29
Belgium (n=9)  28
Netherlands (n=17)  24
Hungary (n=10)  24
Croatia (n=1)  24
Bulgaria (n=5)  24
Austria (n=14)  24
Germany (n=9)  20
Spain (n=7)  13
Competence survey 2014

• Start of the next round in June 2014

Join the Competence Survey online!
European Hematology Association
Hematology Curriculum
Goal of Hematology Curriculum:

Harmonize and raise the quality of training and continuing medical education in hematology in Europe...
CV Passport

Crossing European borders!

- Promoting mobility of junior hematologists
- Supporting harmonization of training
- Complimenting national curricula
- Revised curriculum for today’s and tomorrow’s needs
- Endorsed by 27 national societies
- Order or download free from www.ehaweb.org
• The content of the CV Passport
8 sections:

- Chapter 1: Clinical Hematology: Benign
- Chapter 2: Clinical Hematology: Myeloid Malignancies
- Chapter 3: Clinical Hematology: Lymphoid Malignancies and Plasma Cell Disorders
- Chapter 4: Clinical Hematology: Stem Cell Transplantations and Special Therapy
- Chapter 5: Laboratory Diagnosis
- Chapter 6: Thrombosis and Hemostasis
- Chapter 7: Transfusion Medicine
- Chapter 8: General Skills

Available:
- As PDF
- Online on the EHA website
- Clickable version for self assessment
- Different languages
How it looks?

1A RED CELL DISORDERS

_The trainee has received training in:_

- a) Anemias due to deficiency (iron, B12, folate)
- b) Anemia of chronic disease
- c) Anemia due to toxic exposure
- d) Pure red cell aplasia
- e) Thalassemia
- f) Sickle cell disease and other hemoglobinopathies
CV Passport online today:

• Linked to high quality, attractive and relevant educational material such as:
  – EHA web- and podcasts
  – Selected articles from Haematologica
  – Presentations from EHA-ESH events
  – Clinical cases of patients
  – EHA Master classes of various formats
  – Open access papers
  – Chapters from major textbooks

• Available at www.ehaweb.org
Online CV Passport

The online CV Passport is a tool to enable you to monitor your progress in training using the European Hematology Curriculum and the recommended levels of competence next to each item. In the box on the left side of this page you will find the Passport Sections.

Access the CV Passport

ONLINE PASSPORT INDEX

- **= information linked or tagged to that item**
- **= level indication after training**
- **= recommended level of competence**
- Level 1, 2 & 3 = click the word on top of the radio buttons for level description
- No knowledge = starting point - this will change to “clear” when one of the levels is ticked
- Clear = click this word to delete your entry
- Download a PDF version of the Index
1 Clinical hematology: Benign

1A: Red cell disorders

1B: Bone marrow failure

1C: Non malignant white blood cell disorders

1D: Platelet disorders and anginopaties

1E: Consultative hematology
1 Clinical hematology: Benign

1A: Red cell disorders

1B: Bone marrow failure
The trainee has received training in:

a) Acquired aplastic anemia
b) Paroxysmal nocturnal hemoglobinuria
c) Fanconi’s anemia
d) Other inherited bone marrow failure syndromes (e.g. Blauftan-Diamond, Schwachman)

1C: Non malignant white blood cell disorders

1D: Platelet disorders and angio-pathies

1E: Consultative hematology
Learning resources for:

1: Clinical hematology: Benign

Clinical Cases

- A puzzling case of neutropenia and macrocytosis
  Barbara Bossi - 25/10/2012
- Clinical forms of β thalassaemia
  M.D. Cappellini - 25/10/2012
- Dyskeratosis Congenita
  Ghuram Multa - 25/10/2012
- Fever in a splenectomised patient with thalassaemia intermedia
  A. Taher - 25/10/2012
- Iron overload
  John Porter - 25/10/2012
- Liver disease and iron overload in thalassaemia major
  M.D. Cappellini - 25/10/2012
- Lymphoma in thalassaemia intermedia
  A. Taher - 25/10/2012
- Respiratory symptoms in a patient with sickle cell anaemia
  A. Imani - 25/10/2012
- S/β zero thalassaemia
  M. Montalember - 25/10/2012
- Sickle cell anaemia
  M. Montalember - 25/10/2012
- Sudden worsening of anaemia in sickle cell anaemia
  A. Imani - 25/10/2012
- Thalassaemia Intermedia
Let’s use the CV Passport

Endorsed by 27 European countries
Because it is useful for:

- Trainees
- Supervisors/Mentors
- Senior hematologists
- National Societies
• **For the trainee:**
  – To know what you have to know
  – Identify the gaps in individual knowledge
  – Easy access to learning tools
• **For the supervisor:**
  – Instrument to structure the training
  – Instrument to discuss the level of knowledge with the trainee
• **For the senior hematologist**

A fully linked to learning tools and up to date high quality CV Passport could also serve as an easy accessible knowledge archive for the “mature” Hematologist.
• **For the National Societies:**
  - To be an instrument to harmonize the education in Europe
  - To identify on a national level gaps in education (via survey) and through this adapt and renew the national program for training in hematology
  - To use it as a political instrument for national regulators
  - To use it as a national registry for hematologists in training and to continuously monitor the competence level of this group “per year of training”
European Hematology Association

Master Class
EHA Master Class

- Online learning course for small groups of students, facilitated by mentors

**Aim:**
- to contribute to the harmonization and quality enhancement of hematology training across Europe
- to help the junior hematologists in building of professional and social networks to share knowledge and experience
EHA Master Class

- **Full Length Master Class** (6 months): covers several hematology topics in one course

- **Bite Size Master Class**: the short version, which targets more specific knowledge gaps by focusing on single subjects

Enrolment for Master Classes 2014 is open!
THANK YOU!