

European Society of Anaesthesiology European Diploma in Anaesthesia and Intensive Care On-line assessment

Zeev Goldik
Haifa
President of ESA



CEEA Kosice 2016, telepresentation



1th Klimov den
Kosice April 29, 2016



ESA (amalgamation)

European Academy

CENSA

ESA

CEEAA

Organises Refresher Courses in Anaesthesiology



Number of CEEAA Courses in 2015 per Country

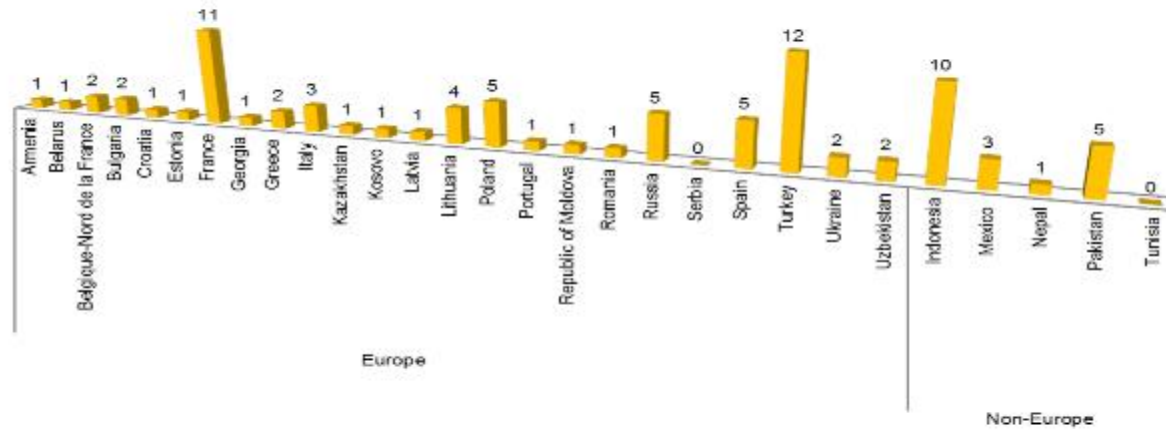
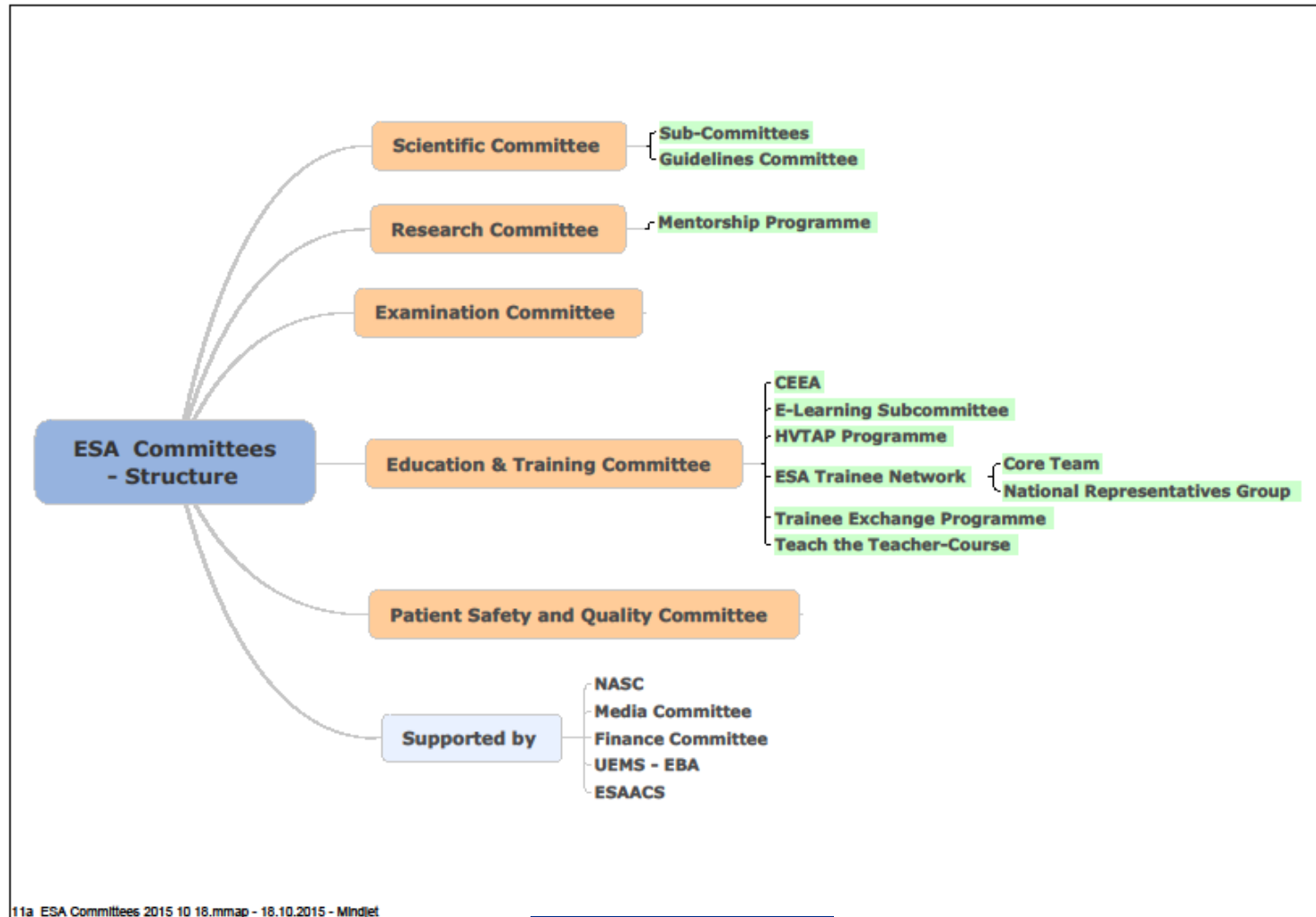




Fig. 1. Geographical representation of CEEA Centres in the world



11a_ESA Committees 2015 10 18.mmap - 18.10.2015 - Mhdjet

Courses in Anaesthesiology

Overview

- [BASIC SCIENCES ANAESTHETIC COURSE](#)
- [CEEAA COURSES](#)
- [REFRESHER COURSES](#)
- [EUROPEAN TRAUMA COURSE](#)

Education Awards and Grants

Overview

- [HYPNOS GRANT](#)
- [JOHN ZORAB PRIZE](#)
- [YOUNG TEACHING RECOGNITION AWARD](#)

European Diploma in Anaesthesiology and Intensive Care

Overview

- [ABOUT THE EDAIC](#)
- [EXAM TYPES](#)
- [FEES](#)
- [DATES / CENTRES / DEADLINES](#)
- [HOW TO PREPARE FOR THE EDAIC EXAMINATION](#)

E-learning

overview

- [ESA E-LEARNING](#)
- [E-LEARNING FROM INDUSTRY](#)

Hospital Visiting and Training Accreditation Programme

Overview

- [ABOUT THE HVTAP >](#)
- [FEES >](#)
- [APPLICATION DOCUMENTS >](#)
- [ACCREDITED CENTRES >](#)

Teach the Teacher Course

Overview

- [ABOUT THE COURSE >](#)
- [APPLICATION >](#)
- [WHO SHOULD ATTEND? >](#)
- [1ST WEEK REPORT >](#)

Trainee Exchange Programme

Overview

- [ABOUT THE PROGRAMME >](#)
- [APPLICATION >](#)
- [HOST CENTRE LIST >](#)

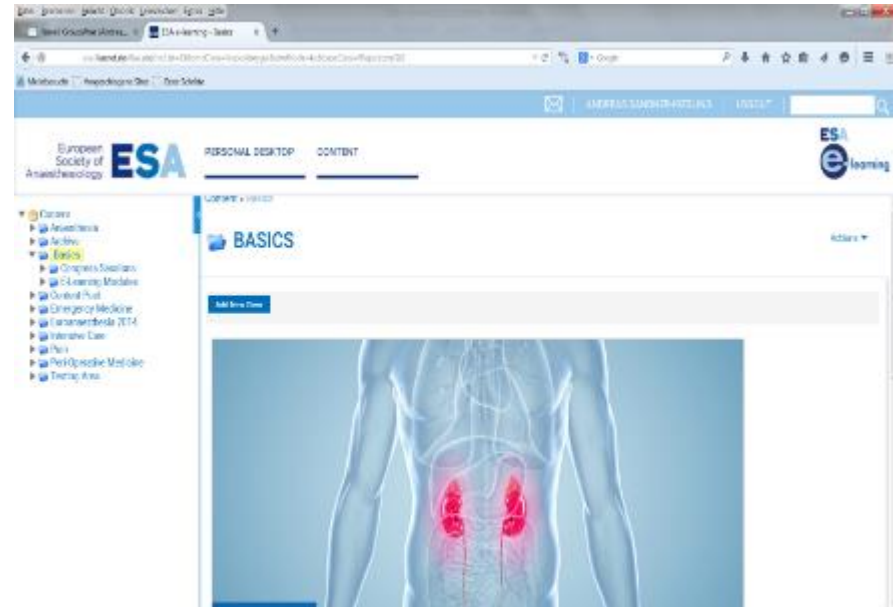
Anaesthesiology Journals

Anaesthesiology Journals

- [ANAESTHESIOLOGY JOURNALS >](#)

e-learning

- How to write a storyboard
- Physiology and pharmacology of the autonomic nervous system
- Advanced airway management in emergency medicine
- How to pass the oral exam
- Mechanisms of chronic pain after surgery
- How to succeed in the MCQ's
- Airway management during one lung ventilation
- Management of one lung ventilation



Committee's activities

Trainee Exchange Programme (TEP)

- High number of applications: 80 applications 10 winners selected



Masterclasses

- Patient Safety Masterclasses
- Scientific Masterclasses
- Clinical Masterclasses
- 2016 ESA Masterclass in Statistics and Research Methodology: 6-8 September 2017, Budapest
- 2016 ESA Advanced Masterclass on Scientific Writing: -January 2017, Maastricht

Research Masterclasses



ESA Masterclass on Scientific Writing (Liz Wager), 23-25 NOV 2015

ESA Masterclass on Statistics (Malachy Columb), 1-3 MAR 2016 in Germany

HOSPITAL VISITING AND TRAINING ACCREDITATION PROGRAMME

[Home](#) [About the HVTAP](#) [Fees](#) [Application Documents](#) [Accredited Centres](#) [HVTAP Committee](#)

[About the HVTAP](#) >

[Site Visit](#)

[Report](#)

[Certificate of Accreditation](#)

[About the HVTAP](#)

ESA



Amsterdam

Department of Anaesthesiology, AMC Academic Medical Center
Amsterdam, the Netherlands



Department of Anaesthesiology and Intensive Care Medicine, University Hospital, Ankara, Turkey



Brussels

Service d'anesthésiologie,
Département de médecine

Intensive Care Unit, Clinique Universitaire Saint-Luc, Université



Department of Anaesthesiology and Intensive Care Medicine, Sahlgrenska University Hospital, Gothenburg, Sweden



Department of Anaesthesiology, Hospital of Turku, University of Turku, Finland



Ljubljana

Clinical Department of
Anaesthesiology And Intensive
Therapy, University Medical

Centre Ljubljana
Zalaska, Ljubljana, Slovenia



Malta

Department of Anaesthesiology, Mater Dei Hospital
Msida, Malta



Riga, Latvia

Turku

Department of Anaesthesiology, Intensive Care, Emergency Care and Pain Medicine of
the Turku University Hospital
Turku, Finland

Catholique de Louvain



Brussels, Belgium

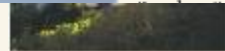
Bursa

Uludağ University, Medical Faculty
Anesteziyoloji A.B.D., GÖRÜKLE
Bursa, Turkey



Dresden

Department of Anaesthesiology and Intensive Care Medicine
University Hospital Carl Gustav Carus



Münster

Klinik und Poliklinik für Anästhesiologie und operative Intensivmedizin des UKM
Münster, Germany



Porto Serviço de Anestesiologia,
Hospital Santo Antonio, Centro
Hospitalar Do Porto, Portugal



Reanimatology of Riga Stradins University



Riga

Clinic Anaesthesiology and
Reanimatology (Intensive Care) of
Paul Stradins Clinical University Hospital
and Dpt. of Anaesthesiology and

Riga, Latvia



Düsseldorf

Clinic for Anaesthesiology, Universitätsklinikum
Düsseldorf, Germany



Erlangen

Department of Anaesthesiology and Intensive Care
University Hospital, Friedrich-Alexander-University
Erlangen, Germany



Genk

Department of Anaesthesiology/Intensive Care Medicine/Emergency Medicine/ Pain
Therapy, Ranghe Ziekenhuis Gast-Linburg,
Genk, Belgium

Utrecht

Department of Anaesthesiology
UMC Utrecht, The Netherlands



Committee's activities

Guidelines Committee

- Ongoing or finalised Guidelines
 - Postoperative Delirium Guideline
 - Update of Guideline on Perioperative Bleeding
 - Guideline on Adult Procedural Sedation
 - Guideline on Patient Blood Management (PBM) in the EU
 - Guideline on Thromboembolism
 - Guideline on Cardiac Arrest in the Operating Room
 - Guideline on Non-invasive Respiratory Support for the Hypoxemic Patient
- Written editorial on Guideline development
- New ESA Guideline policy
- Pre op evaluation task force and Ultrasound task force are working on literature evaluation

Committee's activities

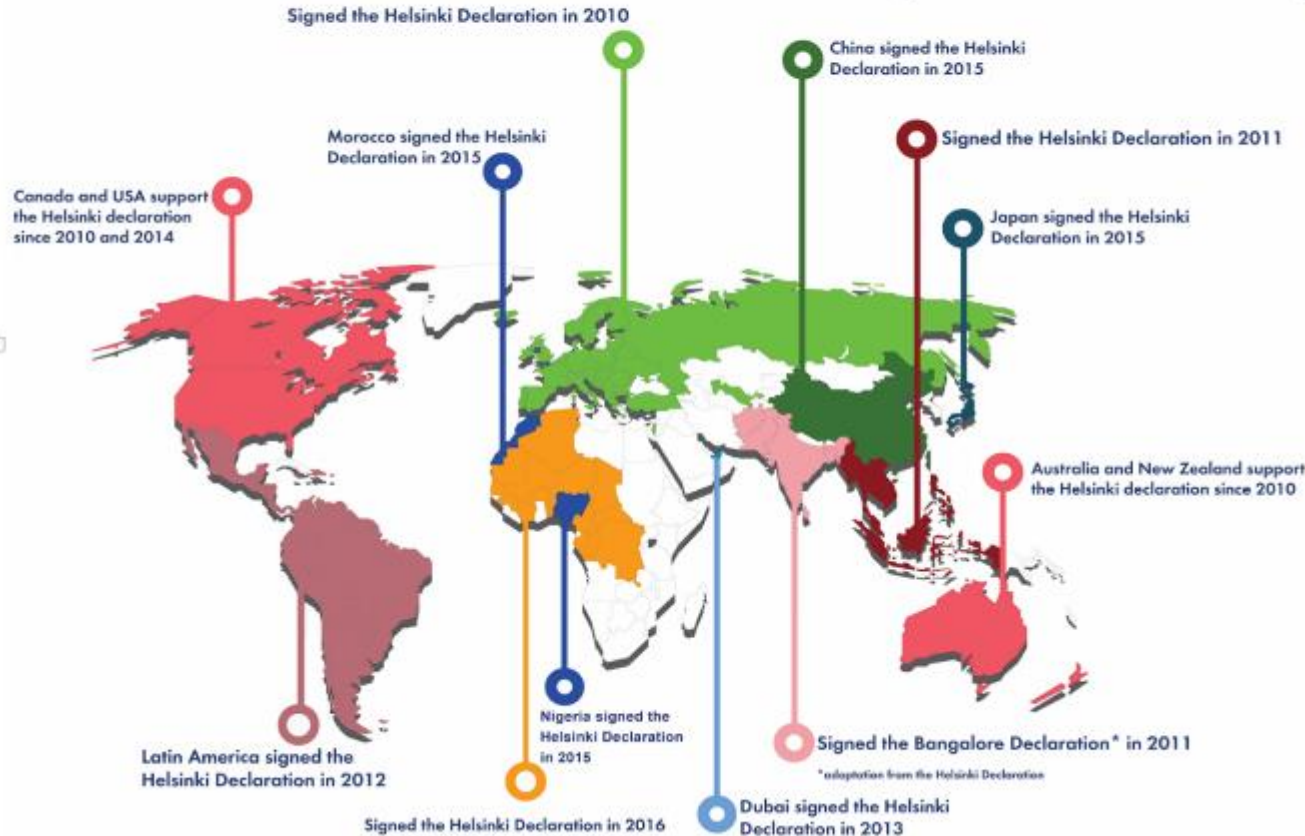
EJA

- Publication of one issue each month (business as usual)
- Organisation of two successful EJA Symposia at Euroanaesthesia



In January 2016, another 9 African countries have signed the Helsinki Declaration.

Helsinki Declaration on Patient Safety in Anaesthesiology



Committee's activities

Patient Safety and Quality (PSQC)

- Euroanaesthesia 2016
 - European Patient Safety Course EPSC (8-hour pre-congress course): 21 attendees
 - First European Patient Safety Expert Meeting: 30 PS experts from various clinical areas
- Patient Safety and Quality Masterclass (MC) November 7-9, 2016 in Madrid
- Patient Safety and Quality Platform (PSQP)

Committee's activities

Patient Safety and Quality (PSQC)

- International Forum on Perioperative Safety & Quality sponsored by ASA-ESA
- Cooperation with Patient Safety Movement (PSM)
- Helsinki Declaration on Patient Safety in Anaesthesiology (HD)
Plan to create a platform for follow-up of the implementation of PS requirements into clinical practice. Looking for funding.
- Press release on Standardising Cardiac Arrest Call Numbers to 2222

Committee's activities

Scientific Committee

Euroanaesthesia 2016 London

- Number of invited speakers: 390
- Scientific Sessions: 170
- Abstract Presentation Sessions: 130
- 1 late breaking abstract session
- 1 Best Abstract Competition
- 1371 abstracts presented
- 94 Business Meetings

Follow up after the Congress: surveys and evaluations sessions, workshops and speakers, UEMS report, cost analysis



Sir Robert Macintosh Lecture
“Important elements of a quality and safety culture at the department level”
By Sven Erik Gisvold (Trondheim, Norway)

Committee's activities

Scientific Committee

Euroanaesthesia 2017

Geneva

- Finalisation of the programme for Euroanaesthesia 2017
- Main figures related to the preliminary programme: 404 speakers, 165 scientific sessions



Committee's activities

Scientific Committee

Focus meeting 2017 Tel Aviv

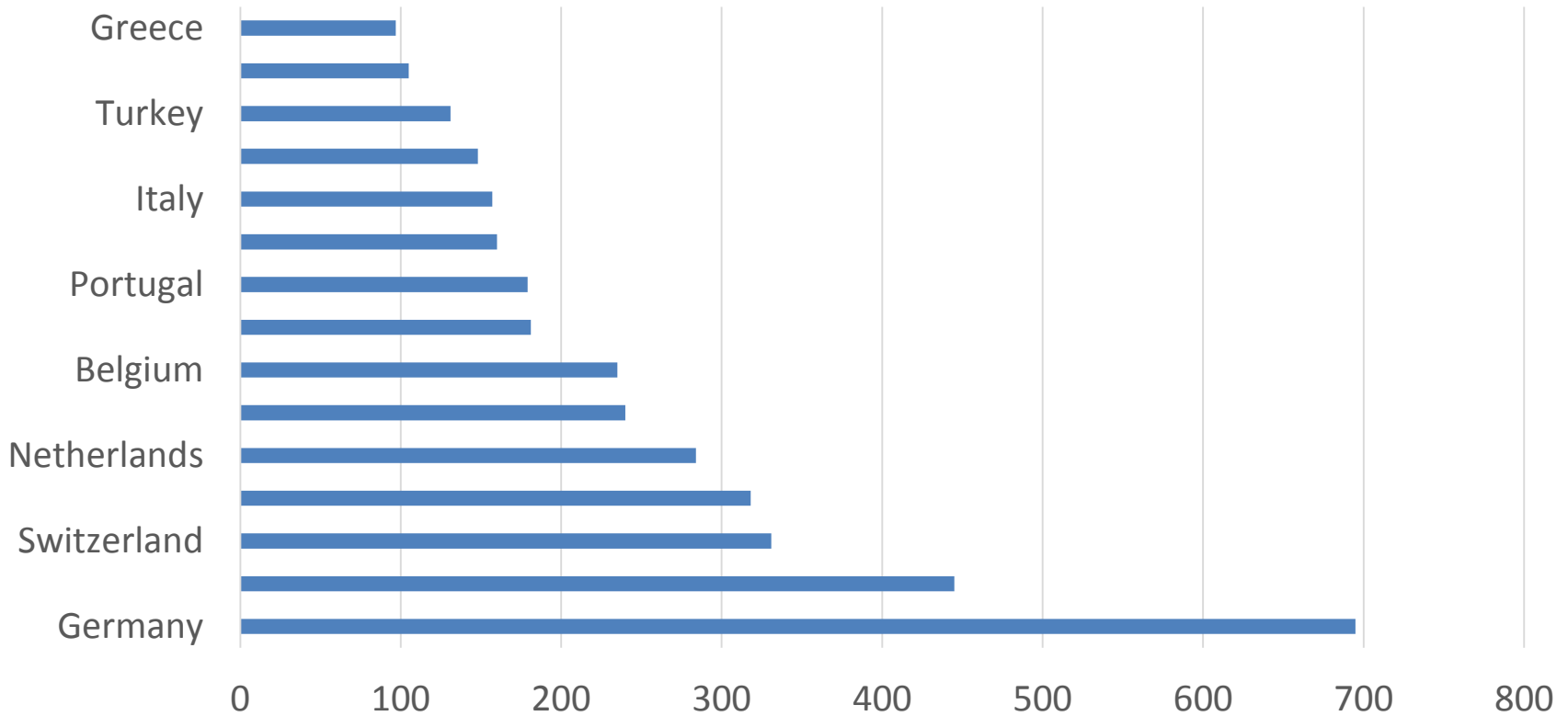
- Organisation has started, joint meeting with ESRA
- Preliminary programme
- The programme foresees 3 parallel sessions.
- Hands-on workshops will be organised for the first time at the Focus Meeting.



Membership

ESA Members	2013	2014	2015	Growth %	YTD 2016
Active	4.950	4.656	4.693	4%	4876
Trainee	723	643	687	48%	1015
Retired	113	113	113	1%	114
Affiliate	1.031	1.011	1.079	9%	1172
Medical Students	43	40	43	151%	108
NPRHP	44	36	35	69%	59
Honorary	20	22	20	10%	22
Full Members	6.924	6.521	6.670	10%	7366
Associates		16.114	22.686	15%	26202
Total individual	6.924	22.635	29.356	14%	33568
Society Members	37	39	36	-14%	31
Specialist Societies	7	7	9	-44%	5

Full Members



Associate Members

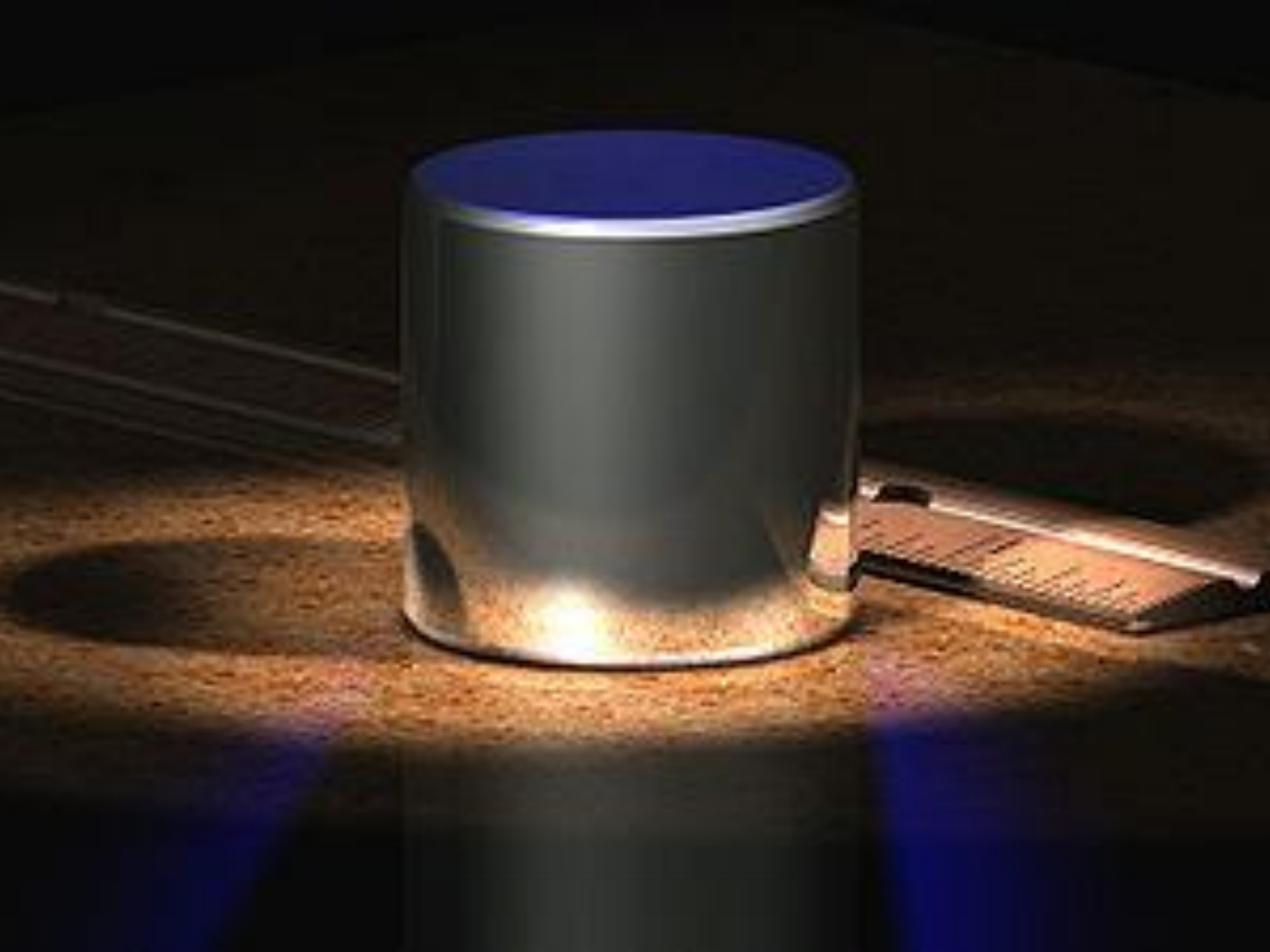
Germany	4.713	Georgia	117
France	4.303	Malta	62
Italy	2.961	Slovakia	56
Poland	1.543	Moldova, Republic Of	53
Austria	1.459	Ireland	48
Sweden	1.369	Portugal	41
Norway	1.332	Serbia	41
United Kingdom	1.263	Israel	24
Finland	1.133	Denmark	18
Switzerland	950	Luxembourg	10
Romania	839	Bulgaria	5
Belgium	827	Russian Federation	3
Czech Republic	753	Slovenia	3
Turkey	370	Latvia	3
Spain	324	Bosnia And Herzegovina	3
Netherlands	310	Cyprus	3
Macedonia, The Former Yugoslav Republic Of	239	Armenia	1
Estonia	181	Ukraine	-
Hungary	171	Albania	-
Lithuania	162	Kosovo	-
Greece	161	Belarus	-
Croatia	134	Montenegro	-
Total Associate members:			26.202

Euroanaesthesia 2016 – delegate registration

Congress Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Congress City	Vienna, Austria	Madrid Spain	Munich Germany	Copenhagen Denmark	Milan Italy	Helsinki Finland	Amsterdam The Netherlands	Paris, France	Barcelona, Spain	Stockholm, Sweden	Berlin, Germany	London, UK
Total Attendees	4.911	6.134	5.257	5.197	5.277	5.095	5.313	5.624	6.187*	5.255*	6.637*	6.275*
* Total figure excludes industry attendees												

Future Venues

EUROANAESTHESIA	FOCUS MEETING
• 2017 Geneva	• 2017 Tel Aviv
• 2018 Copenhagen	• 2018 Rome
• 2019 Vienna	
• 2020 Barcelona	



International Bureau of Weights and Measures and Measures (BIPM, *Bureau International des Poids et Mesures*)



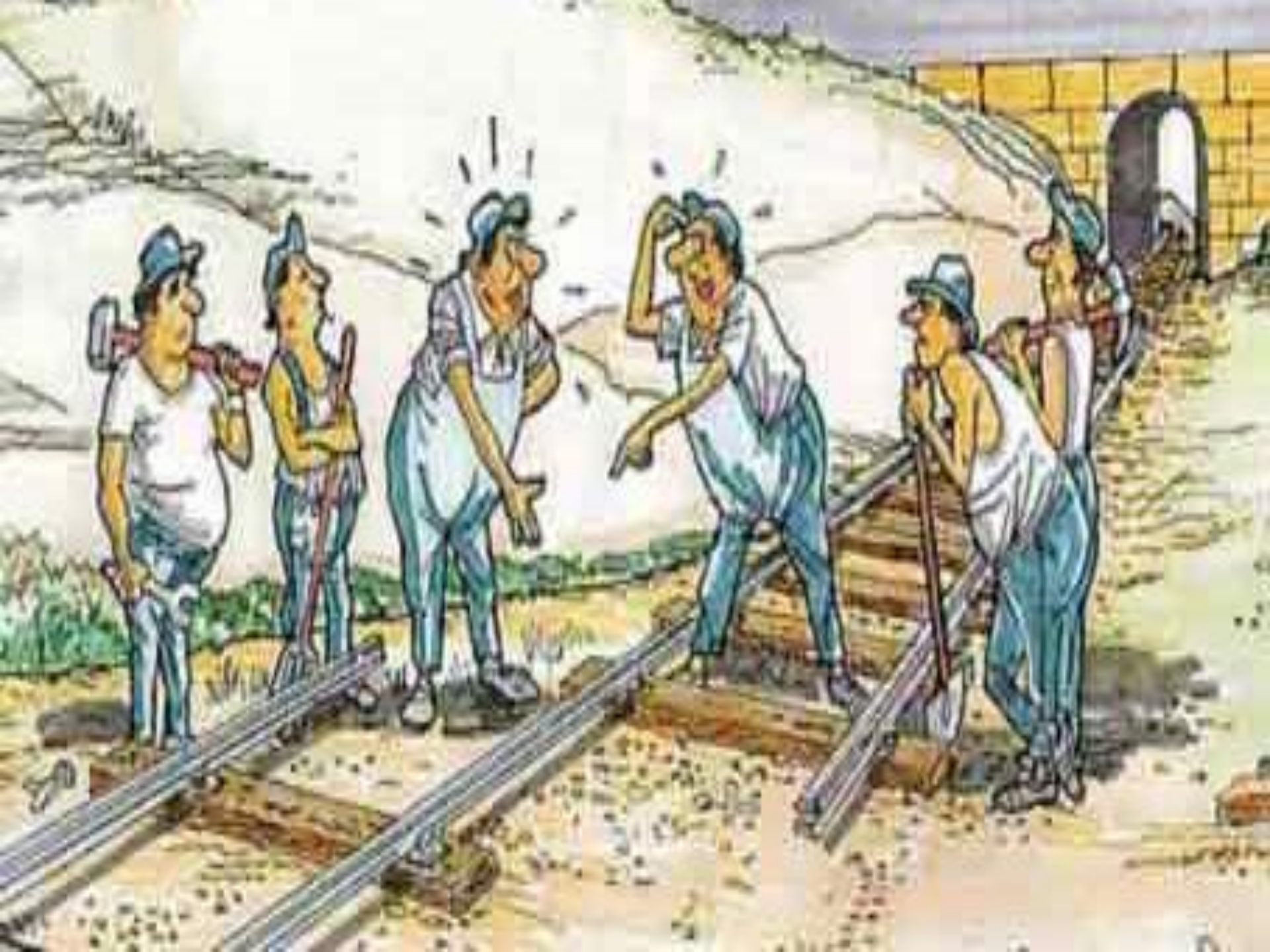


ACADEMIE EUROPEENNE D'ANESTHESIOLOGIE
EUROPEAN ACADEMY OF ANAESTHESIOLOGY

DIPLOMA EXAMINATION
PART I
25 SEPTEMBER 1984
PAPER 1: 10⁰⁰ - 12⁰⁰
ENTRY TO EXAM. ROOM 9⁴⁵
PAPER 2: 13³⁰ - 15³⁰
ENTRY TO EXAM. ROOM 3¹⁵



Harmonisation





LATVIA

Riga

URUGUAY

Montevideo - New in 2016

LEBANON

Beirut

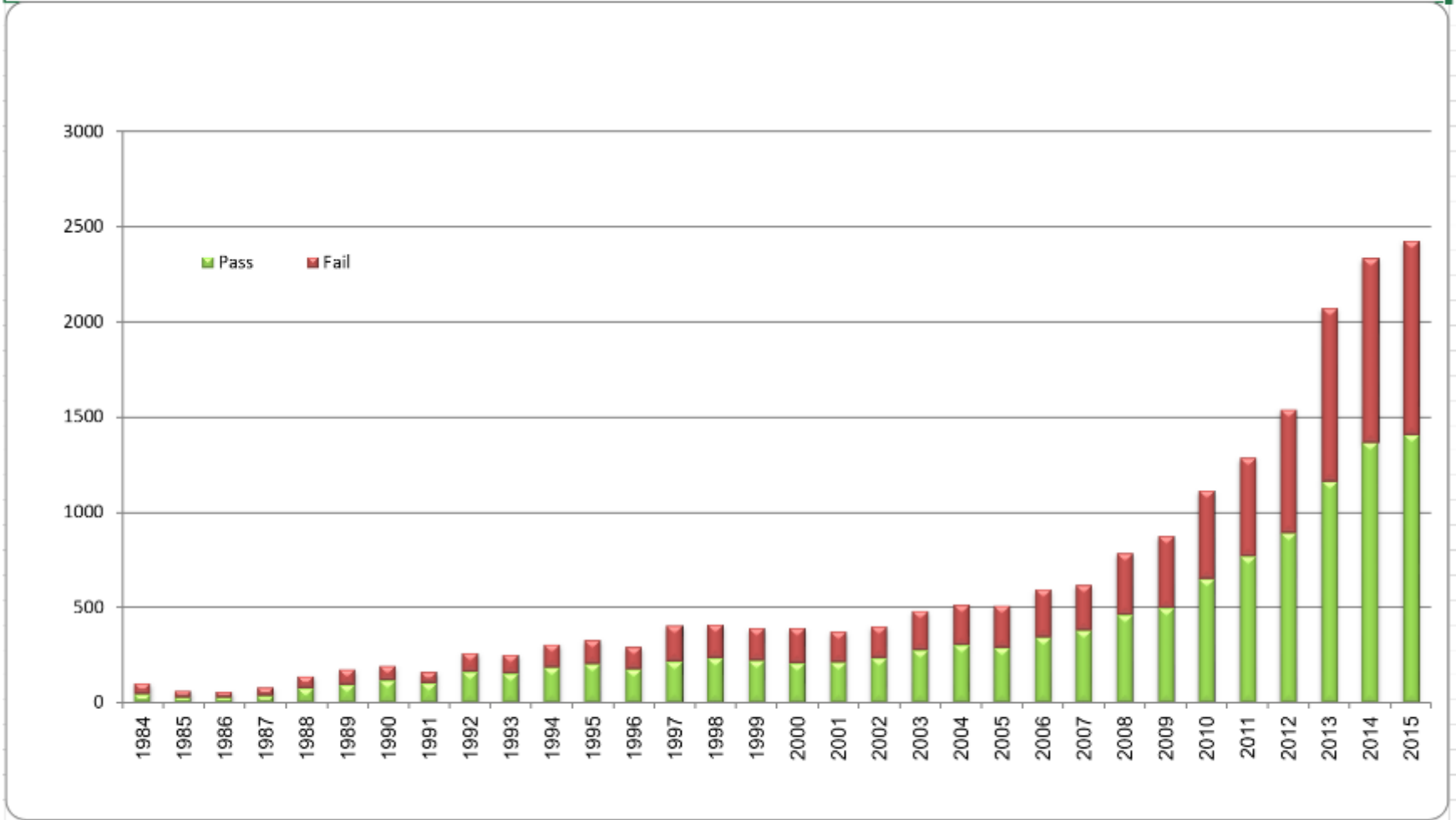
In total: 58 centres for the European Diploma part I all over the globe



New Part I Centers in 2014-2015

- **Belgrade**
- Buenos Aires
- Genoa
- Nijmegen
- Rotterdam
- **Tbilisi**
- Ankara
- Maastricht
- Salzburg

Candidates sitting the EDAIC Part I 1984-2015



LATVIA

Riga

URUGUAY

Montevideo - New in 2016

LEBANON

Beirut

In total: 58 centres for the European Diploma part I all over the globe



New Part I Centers in 2014-2015

- Belgrade
- Buenos Aires
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- Tbilisi
- Ankara
- Maastricht
- Salzburg

New centres in 2016

Bilbao

Florianopolis

Fortaleza

Helsinki

Marakesh

Marbella

Montevideo

Rio de Janeiro

Sao Paulo

New centres in 2016

Bilbao

Florianopolis

Fortaleza

Helsinki

Marakesh

Marbella

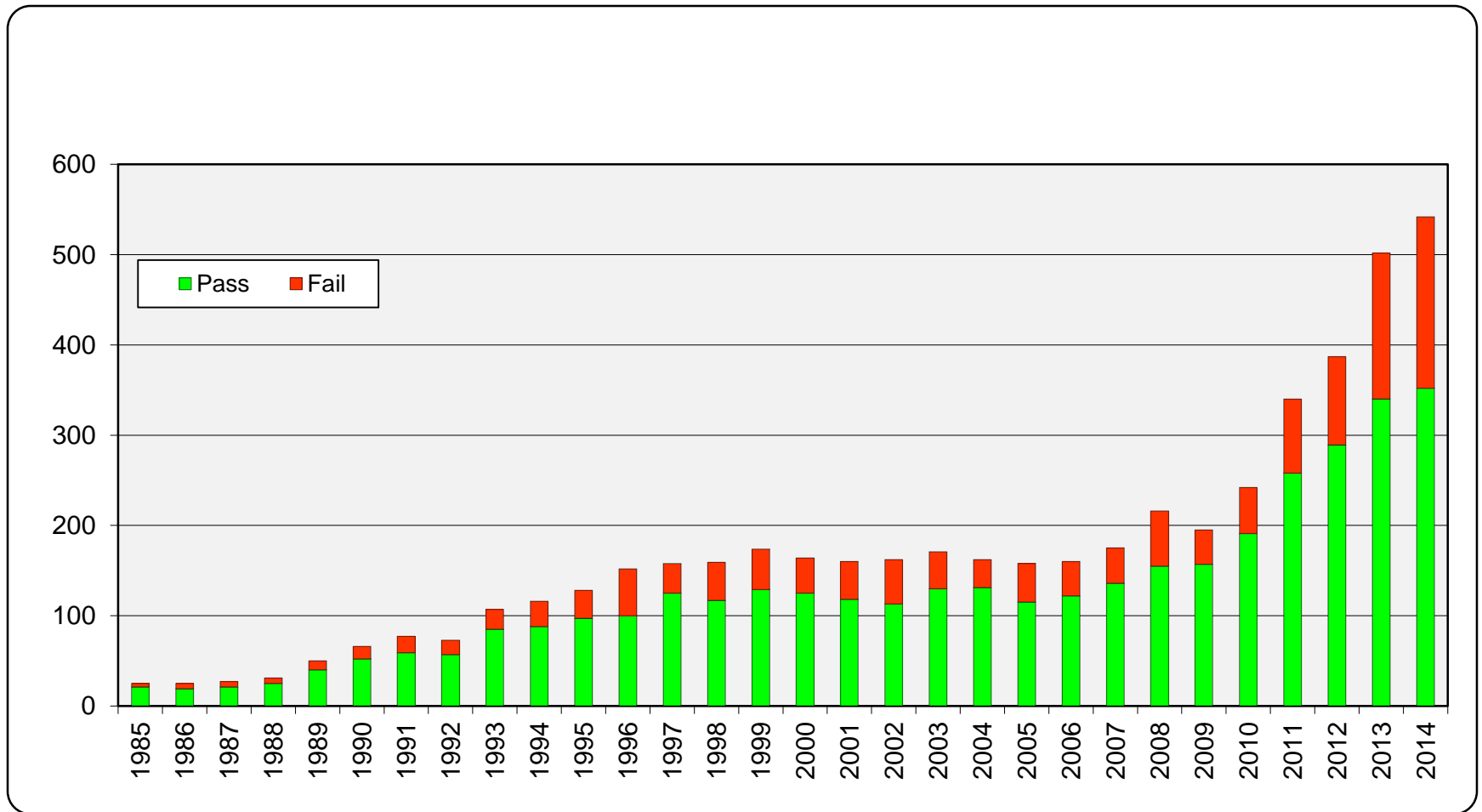
Montevideo

Rio de Janeiro

Sao Paulo

2016 Centres - Part I (MCQ) and In-Training Assessment (ITA)		FRANCE Paris	RUSSIA Moscow Saint-Petersburg
ARGENTINA Buenos Aires	MALTA Msida	GEORGIA Tbilisi	ROMANIA Bucharest
ARMENIA Yerevan	MOLDOVA Chisinau	GERMANY Berlin Göttingen	SERBIA Belgrade
AUSTRIA Innsbruck Salzburg Vienna	MOROCCO <i>Marrakesh - New in 2016</i>	GREECE Athens Thessaloniki	SLOVENIA Ljubljana
BELGIUM Ghent Liège	NETHERLANDS Amsterdam Groningen Maastricht Nijmegen Rotterdam Utrecht	HUNGARY Budapest	SPAIN Barcelona <i>Bilbao - New in 2016</i> Madrid <i>Marbella - New in 2016</i> Pamplona Valencia
BRAZIL <i>Florianopolis - New in 2016</i> <i>Fortaleza - New in 2016</i> <i>Rio de Janeiro - New in 2016</i> <i>São Paulo - New in 2016</i>	NORWAY Oslo Trondheim	INDONESIA Jakarta	SWEDEN Lund Uppsala
EGYPT Cairo	POLAND Warsaw	IRELAND Cork Dublin	SWITZERLAND Bern
FINLAND <i>Helsinki - New in 2016</i> Turku	PORTUGAL Lisbon Porto	ISRAEL Jerusalem	TURKEY Ankara Istanbul
LEBANON Beirut		ITALY Genoa Milan Rome	UNITED KINGDOM London
		LATVIA Riga	URUGUAY <i>Montevideo - New in 2016</i>

Candidates EDAIC part II



Part II Centres 2016

Venues	Languages	Dates	Days
Madrid	Spanish only (*English available for candidates from Portugal)	5-6 March	Sat-Sun
Istanbul University	English only	19-20 March	Sat-Sun
Barcelona	English, Spanish	16-17 April	Sat-Sun
Zürich	English, German	29-30 April	Fri-Sat
Uppsala	English, Scandinavian	10-11 May	Tue-Wed
London	English only	27 May	Friday
Valencia	Spanish only	11-12 June	Sat-Sun
Maastricht	English only	25-26 June	Sat-Sun
Warsaw	English only	2-3 July	Sat-Sun
Vienna	English, German	3-4 September	Sat-Sun
Erlangen	English, German	30 September - 1 October	Fri-Sat
Istanbul Kadikoy	English only	5-6 November	Sat-Sun
Lisbon	English, French	17 November	Thursday

THE EUROPEAN DIPLOMA IN ANAESTHESIOLOGY AND INTENSIVE CARE IS OFFERED IN:

1. English
2. German
3. Spanish
4. French
5. Italian
- 6. Russian**
- 7. Polish**
- 8. Hungarian**
- 9. Romanian**
10. Portuguese
11. Turkish
12. Chinese

1. Allergology and Clinical Immunology
2. Anesthesiology
3. Dermatology & Venereology
4. ENT+ORL-Head and Neck Surgery
5. Hand Surgery
6. Intensive Care
7. Internal Medicine
8. Neurology
9. Neurosurgery
10. Nuclear Medicine
11. Ophthalmology
12. Oral and Maxillofacial Surgery
13. Orthopaedics and Traumatology
14. Pathology
15. Pediatric Surgery
16. Physical and Rehabilitation Medicine
17. Plastic Surgery
18. Respiratory Medicine
19. Surgery (General Surgery)
20. Coloproctology
21. Endocrine Surgery
22. Surgical Oncology
23. Thoracic Surgery
24. Transplantation
25. Trauma Surgery
26. Thoracic and Cardiovascular Surgery
27. Urology
28. Vascular Surgery
29. Angiology
30. Emergency Medicine
31. Gastroenterology
32. Pediatric Intensive Care

Countries where EDAIC is recognized

Switzerland

Austria

Hungary

Poland

Netherlands

Romania

Malta

UK

Ireland

Finland

Turkey

Slovenia

Moldova

Portugal

Czech Republic

Egypt

Mutual Recognition

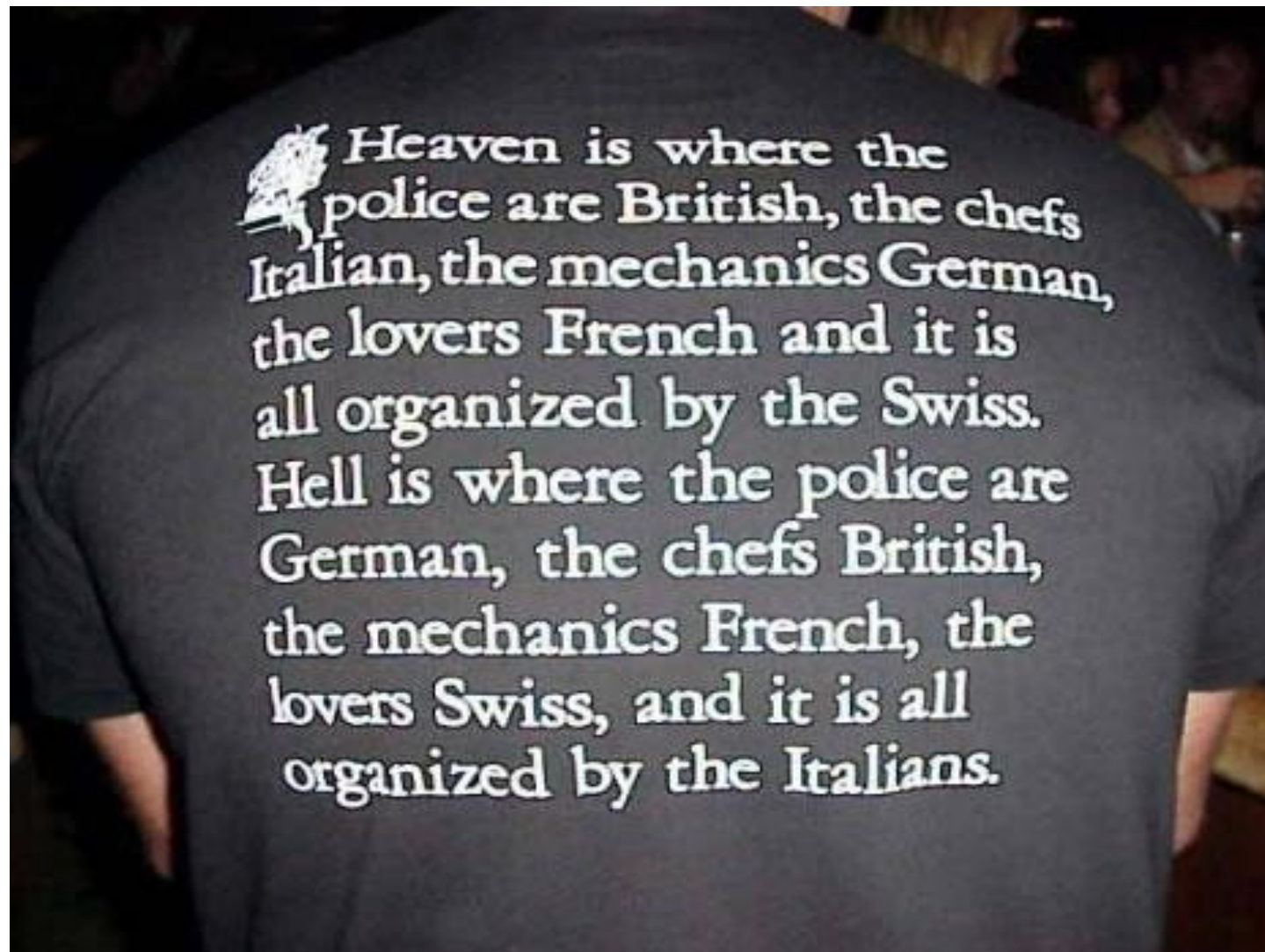


The Royal College of Anaesthetists

Educating, Training and Setting Standards in
Anaesthesia, Critical Care and Pain Management

Irish College of Anaesthetists

Reciprocity (Mutual recognition)







European Society of Anaesthesiology
ESAS

The President and Board of the European Society of Anaesthesiology
have granted this diploma as follows to: **Dr. Hans Jürgen GEMERSHAGEN**
who has completed his or her training in these subjects

European Society of Anaesthesiology
ESA

European Diploma in Anaesthesiology and Intensive Care

The President and Board of the European Society of Anaesthesiology
have granted this diploma as follows to: **Mattijn Buijckx**
who has completed his or her training in these subjects

Computer Based Assessments

Black coffee

Coffee with cream
and/or sugar

Cappuccino
Latte Single
Latte Double
Latte Triple
Espresso Single
Espresso Double
Gibraltar
Café au lait
Café con leche
Americano
Caffe tobio
Affogato
Mocha
Caffe Corretto

Frappe
Frappuccino
Pocillo
Espressino
Flat white
Café misto
Half-caf
Melange
Ristretto
Skinny Latte
Soy/Almond latte
Chai Latte
Ice coffee
French press
Marocchino

Exam Types

Fees

Dates / Centres / Deadlines

Hypnos Grant

Examinations Committee

Exam Types

The EDAIC consists of two mandatory components (Part I & Part II). The On-Line Assessment (OLA) and In-Training Assessment (ITA) are optional.

On-Line Assessment (OLA)

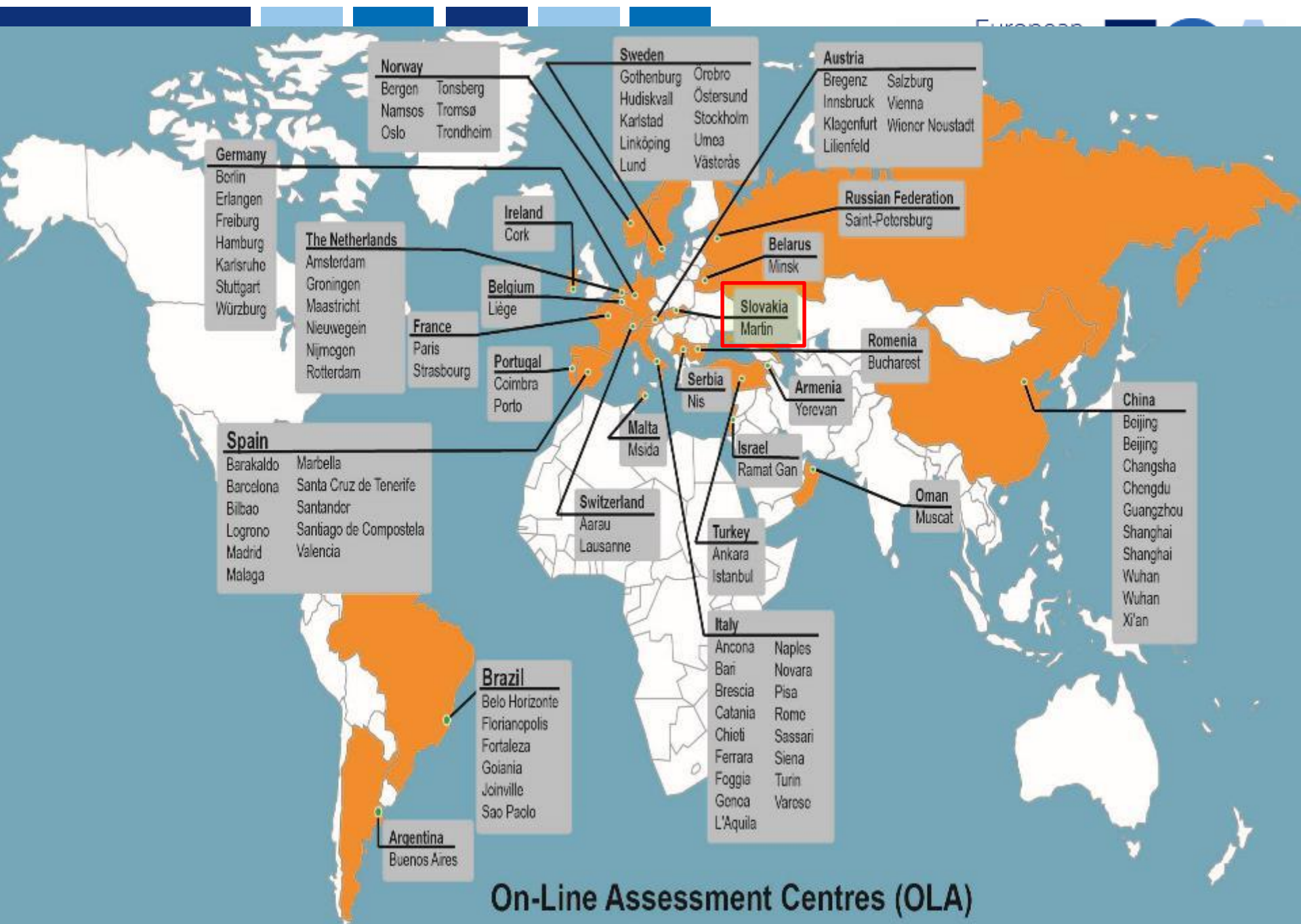
In-Training Assessment (ITA) – (optional)

Part I examination – written (mandatory)

Part II examination – oral (mandatory)

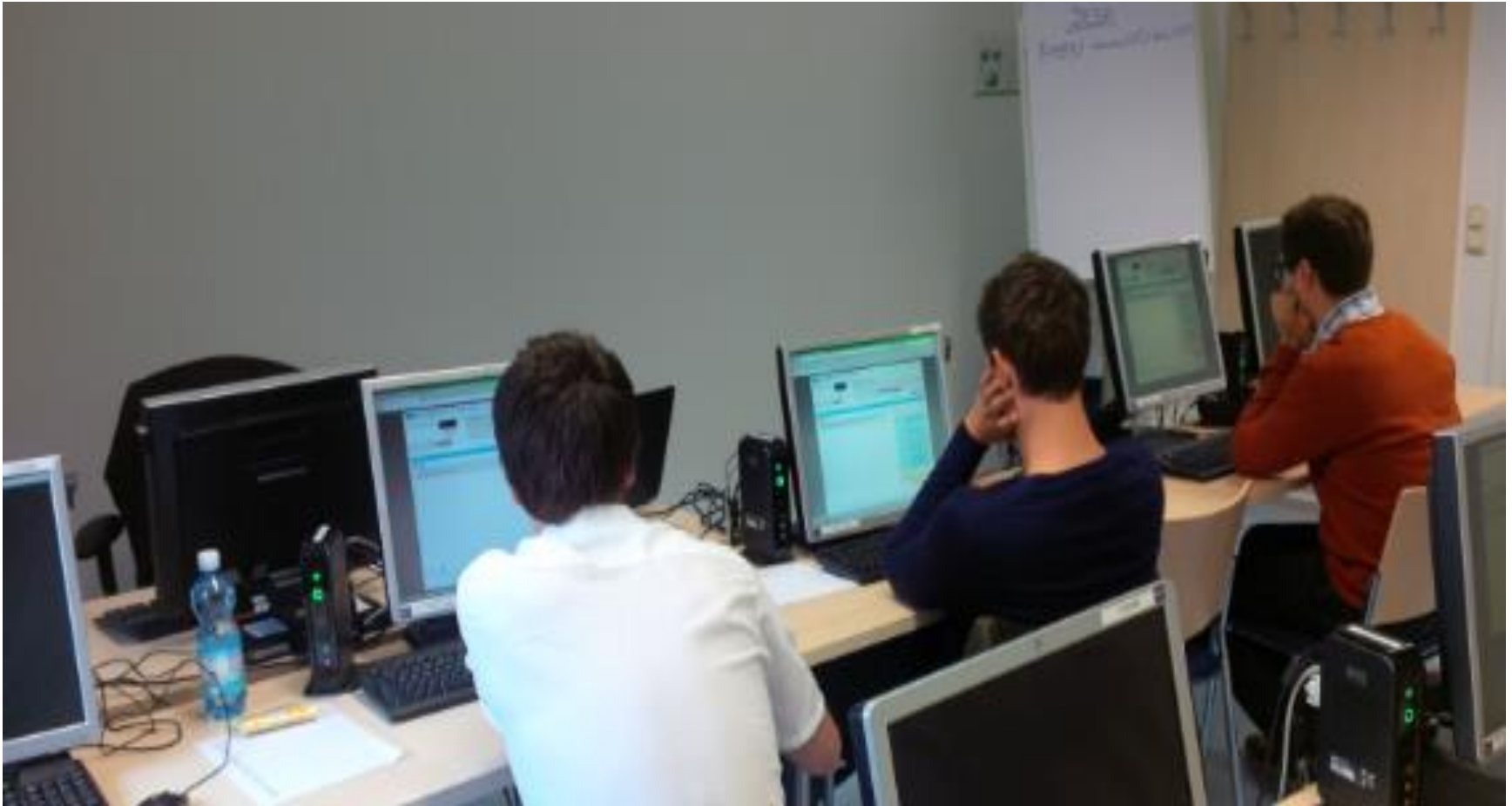
WELCOME to 2014:

- **Our Phones – Wireless**
 - **Cooking – Fireless**
 - **Cars – Keyless**
 - **Food – Fatless**
 - **Tires – Tubeless**
 - **Dress – Sleeveless**
 - **Youth – Jobless**
 - **Leaders – Shameless**
- **Relationships – Meaningless**
 - **Attitudes – Careless**
 - **Babies – Fatherless**
 - **Feelings – Heartless**
 - **Education – Valueless**
- **Children – Mannerless**
 - **Country – Godless**





Salzburg



Tenerife



Bucharest



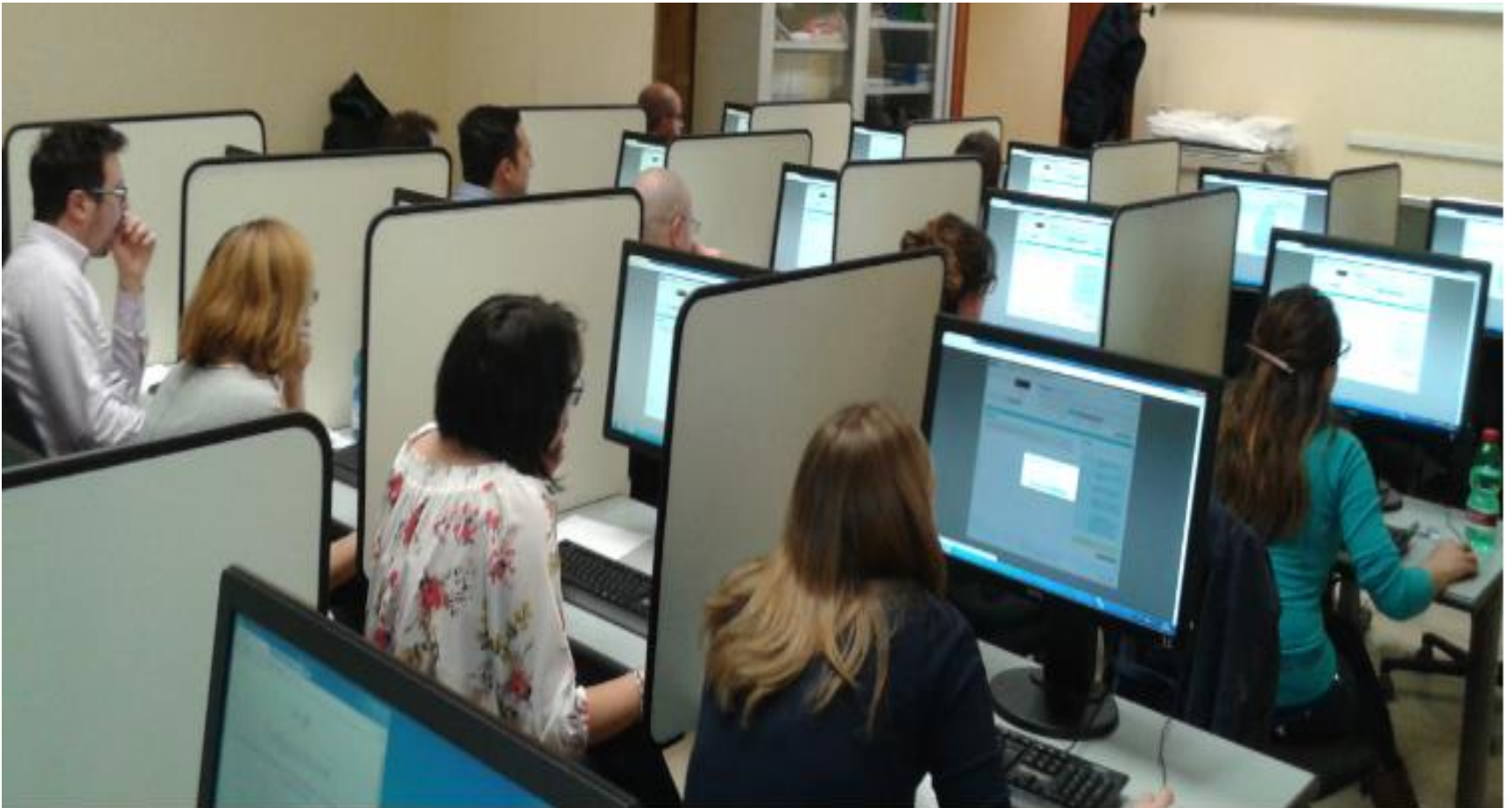
Buenos Aires



Cluj- Napoca



Foggia



Genoa



Istanbul



Maastricht



Msida





Nis



Oslo



Palma de Mallorca



Martin, Slovakia



On Line Assessment

Mark your calendar:

April 7th 2017

1. EKG changes associated with hyperkalaemia include

A. a prolonged PR interval

B. high peaked T waves

C. U waves

D. ST segment depression

E. ventricular extrasystoles

1. EKG changes associated with hyperkalaemia include

F A. a prolonged PR interval

T B. high peaked T waves

F C. U waves

F D. ST segment depression

T E. ventricular extrasystoles

1. **Inadequate tissue oxygenation may occur, in spite of a normal PaO₂, in the presence of**

A. anaemia

B. a shift to the left of the oxyhemoglobin dissociation curve

C. low cardiac output

D. local vasoconstriction

E. metabolic alkalosis

1. **Inadequate tissue oxygenation may occur, in spite of a normal PaO₂, in the presence of**

- ⊠ A. anaemia
- ⊠ B. a shift to the left of the oxyhemoglobin dissociation curve
- ⊠ C. low cardiac output
- ⊠ D. local vasoconstriction
- ⊠ E. metabolic alkalosis

Basic Science Course



ESA Website

<https://www.esahq.org/education/edaic>

More information can be found in the below documents and in the Diploma Guide that you can download from [this page](#). All information about registration for the EDA Part I examination, including the cancellation policy, can be found [here](#).

Please click on the following links to have a look at the [Examination Fees](#) or the examination [Dates/Centres/Application Deadlines](#).

Sample Questions (see table below)

[Answers for Sample Questions](#)

[Sample Answer sheet](#)

Detailed information by language						
Part I Regulations						
						
MCQ Instructions						
						
Sample Questions						
						

EDA CANDIDATE REPORT FORM

In Training Assessment

Stage of Training:

< 2 yrs

Overall Results

	Right	Wrong	Void	% Score	Candidates Average at this tage of	National Average at this Stage of 13 candidates	Europe-wide Diploma Candidates 80 candidates	Average of all
Paper A	140	51		109	29.67	34.59	36.58	47.65
Paper B	177	48		75	43.00	43.44	43.88	51.84

Detailed Results

Paper A

Cardiorespiratory Physiology	24.00	32.00	37.05	46.86
Neurophysiology	26.67	36.41	36.17	43.52
General Physiology	20.00	35.60	42.82	49.45
Cardiovascular Pharmacology	28.00	36.00	39.95	57.60
CNS Pharmacology	70.00	63.85	59.50	77.73
General Pharmacology	36.92	34.20	32.21	46.37
General Physics	30.91	30.21	31.43	40.59
Clinical Measurement	28.57	38.46	39.82	50.89
Statistics	10.00	21.54	27.00	32.30

Paper B

General Anaesthesia	23.75	33.94	38.80	46.42
Special Anaesthesia	29.41	38.73	39.46	54.64
Local, Regional Anaesthesia, Pain	35.00	30.38	30.50	44.38
Intensive Care	65.00	48.46	42.44	42.07
Internal Medicine	44.00	48.62	46.20	57.44
Emergency Medicine	0.00	17.31	25.44	33.40





Geneva, Switzerland

Euroanaesthesia 2017

The European Anaesthesiology Congress

3 - 5 June



ESA Focus Meeting: Regional Anaesthesia in the Perioperative Setting

9-10 November 2017
Tel Aviv, Israel



Thanks