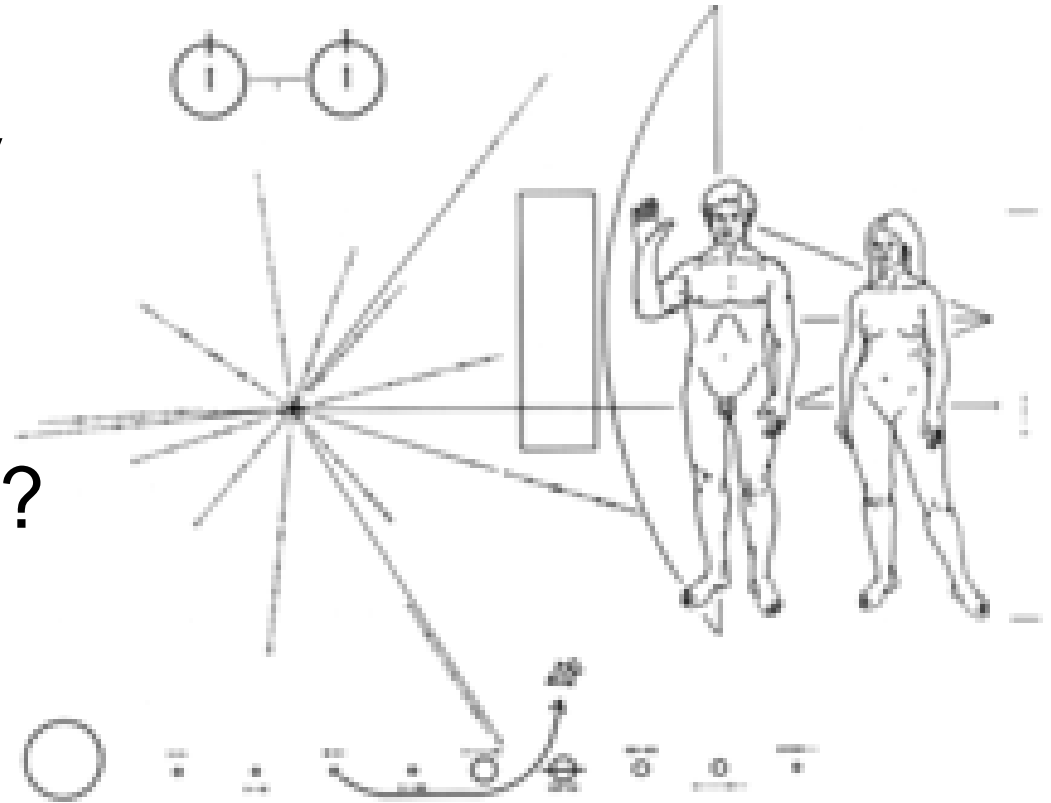


# Medical Education around the World



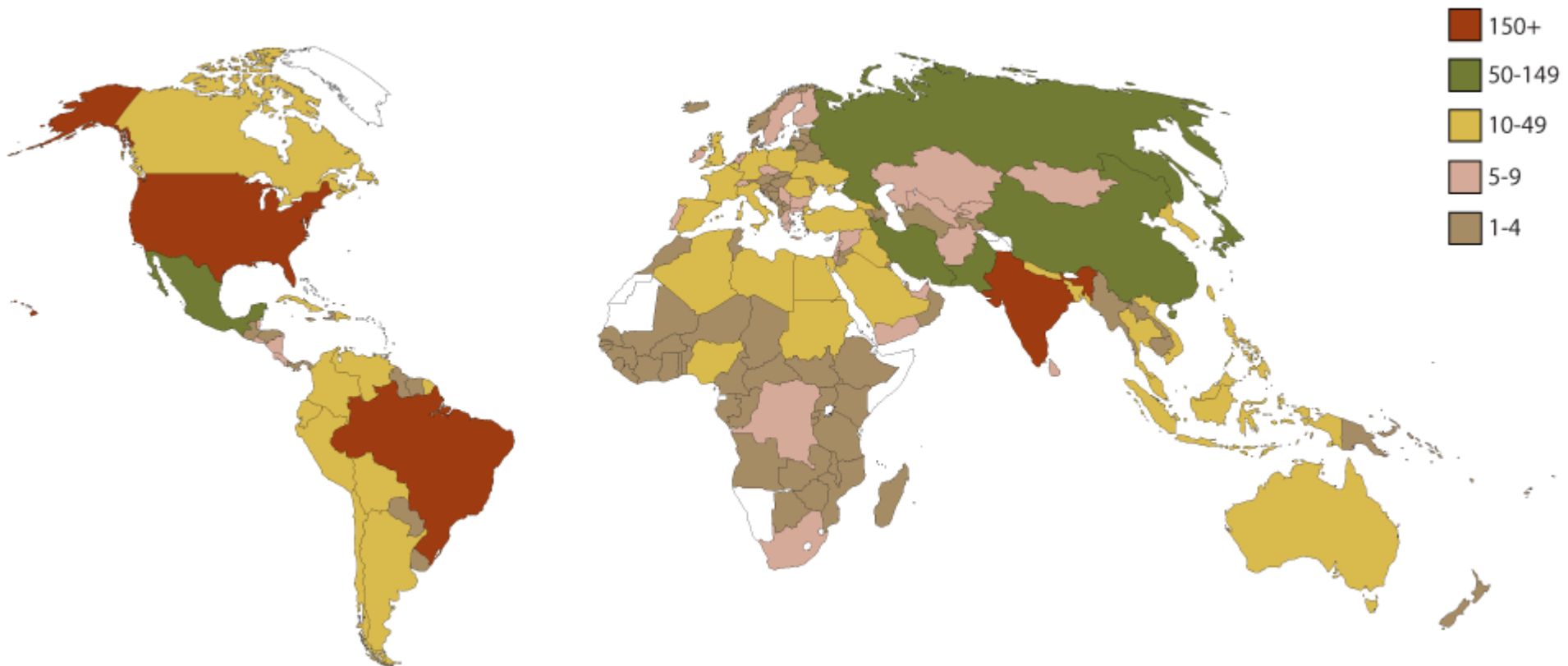
# Requirements for enrollment

- Human – min age?
- 4 years of secondary education (matura or admission test)
- psychological testing?
- Letters or recommendation
- CV



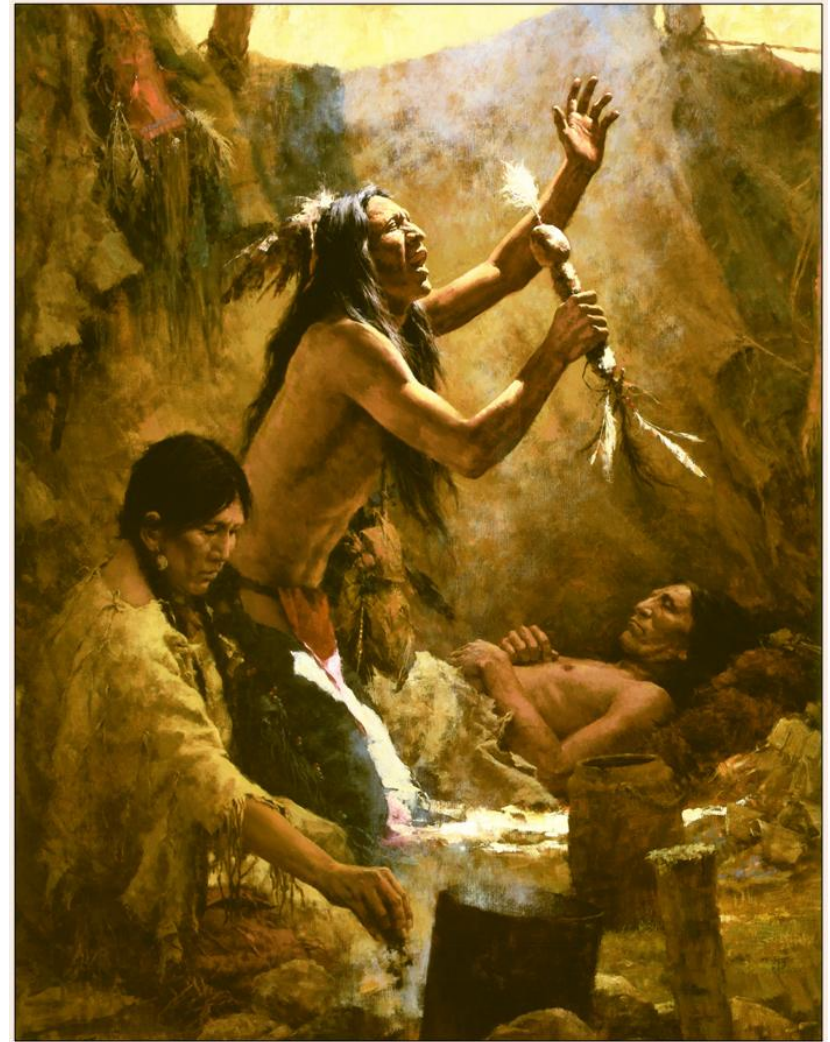
# Number of Medical Schools

- 2 334 in 180 countries
- UK – 32, GER – 41, Kina 176, USA 170



# Requirements around the World

- MCAT (USA, Canada – 52,40,2,52)
- UKCAT, BMAT (UK)
- GMSAT (Australia)
- VESTIBULAR (Brazil)
- INDIA (AIPMT- 200, 120)
- FRANCE
- AUSTRIA



# Curriculum design

Pre-clinical subjects

Clinical subjects

Problem (organ) based learning

5500 hours – EU standard

UK (4-5 years), Sweden (5.5),  
Finland(6.5) i Belgium (7)



# First Year Program in Split

- Medical Humanities I – Introduction to medicine
- Social Medicine
- Research in Biomedicine and Health I
- Histology and Embryology
- Medical Physics and Biophysics
- Medical Biology
- Clinical Skills I
- Anatomy
- Elective courses x 2

# Road to Graduation

- desire for knowledge
- readiness to change ones attitudes and accept new attitudes, as well as skills and general knowledge
- respect toward others
- courage to ask questiones
- will to educate others



# Burnout sindrom

- Feeling of being emotionally burned out, deperonalisation, low self-esteem
- occurs after chronical stress of constant studying
- frequency:  
10-21 % 1<sup>st</sup> year,  
up to 40% 3<sup>rd</sup>+ year





# Medical specialties

1. Abdominal Surgery
2. Allergology and clinical immunology
3. Anaesthesiology, reanimatology and intensive care
4. Dermatology and venerology
5. Child and adolescent psychiatry
6. Child surgery
7. Epidemiology
8. Endocrinology and Diabetology
9. Physical medicine and rehabilitation
10. Gastroenterology
11. Gynaecology and obstetrics
12. Haematology
13. Emergency medicine
14. Infectology
15. Internistic oncology
16. Public Health Medicine
17. Cardiology
18. Cardiothoracic surgery
19. Clinical Pharmacology and toxicology
20. Clinical Microbiology
21. Clinical radiology
22. Laboratory immunology
23. Maxillo-Facial Surgery
24. Occupational and sport medicine
25. Nephrology
26. Neurosurgery
27. Neurology
28. Nuclear medicine
29. Ophthalmology and optometrics
30. Oncology and radiotherapy
31. General internal medicine
32. General surgery
33. Orthopaedics and traumatology
34. Otorhinolaryngology
35. Pathology
36. Paediatrics
37. Plastic, reconstructive and aesthetic surgery
38. Psychiatry
39. Pulmology
40. Rheumatology
41. Forensic medicine
42. School and adolescent medicine
43. Transfusion medicine
44. Urology
45. Vascular surgery

# Road to specialties in Croatia

- Study length 6 points
- Average grade
- Awards (dean's, rector's, academy, 2)
- Doctorate
- CC papers
- Congress participation - 1
- Active knowledge of 2 foreign languages 1
- Primary care work – 1 per year
- Work in state required(special) areas - 2 per year.

# Doctors of medicine in Croatia

16 972 licensed



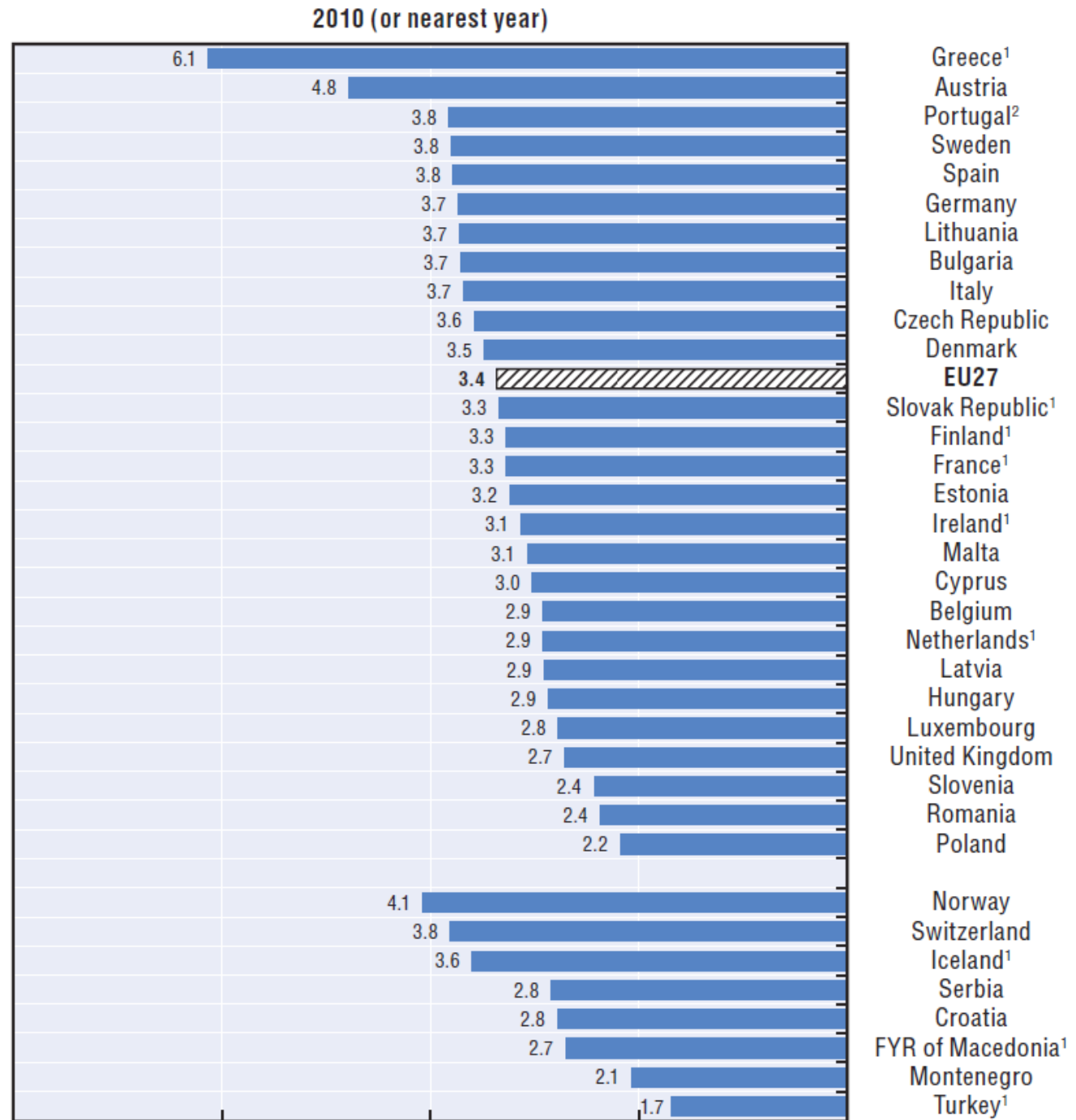
- 12 149 – health institutions
- 7098 – specialists
- 3057 – contract with HZZO
- 666 private
- ZZJZ 593
- MORH 121
- HZZO 175
- Abroad 247
- Foreign doctors 40
- Retired – working occasionally: 2200
- Unemployed 304 (50)

# No. of Doctors in EU

**UK 241 146**

**GER 348 695**

**Spain 169 319**



# Degree accreditation

- Agency for Science and Higher Education Croatia
- State exams



**No Internship:** Greece, Italy, Spain, Netherlands  
Belgium

**Internship** - 18 months Germany, Portugal and  
Sweden; 12 months UK and Ireland

**Extra precautions:**

France, Finland, Austria, UK – MDs work 1-3 years  
under supervision

To work as a GP: 2 years of practical work in  
Finland, Italy, Belgium, 2.5 France