

Education in Endoscopy

- Achievements, limitations and improvements in the last 20 years



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Education in Endoscopy

- Achievements, limitations and improvements in the last 20 years

Content:

- Endoscopy course
 - Overview about Europe
 - Common structures
 - Limitations and improvements
- Advanced roles for Endoscopy nurses

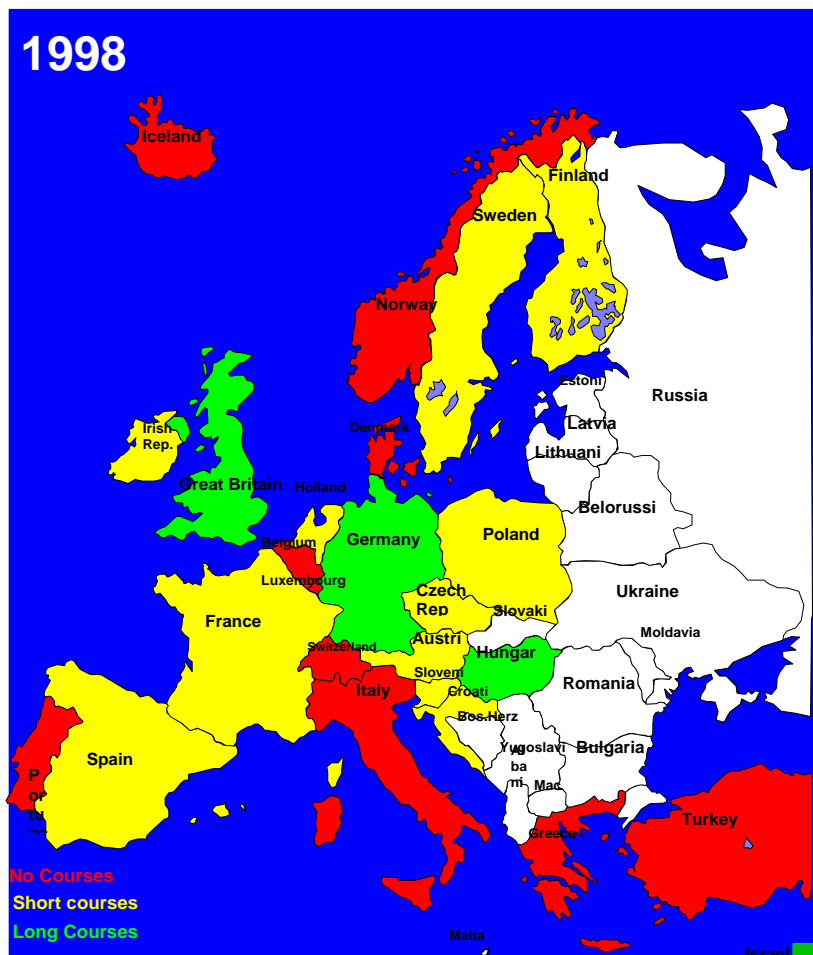


Basic Nurse training



- No data
- Nursing schools
- Both systems
 - University
 - nursing school
- Nursing education at university

Endoscopy Courses in Europe



In the majority of countries

- Short courses
- With official recognition
- No university based courses

Red	no courses	
Yellow	Courses of 1-8 weeks	
Green	Special Endoscopy Course	5-12 months
Purple	university based courses	

ESGENA Core Curriculum

MODULE 1 Fundamentals of Endo.-Nursing

**Unit A - Part 1:
Fundamentals
90 h**

**Unit B - Part 2:
Fundamentals
90 h**

MODULE 2 Clinical Modules

two
obligatory
units

**Unit C
upper GI tract
90 h**

**Unit D
lower GI tract
90 h**

MODULE 3 Clinical Modules

two optional
units

focused on
technique
or patients

**Unit E
e.g. ERCP
90 h**

**Unit F
e.g. IBD
90 h**

MODULE 4 Optimising Nursing

**Unit G - Part 1:
Optimising Nursing
90 h**

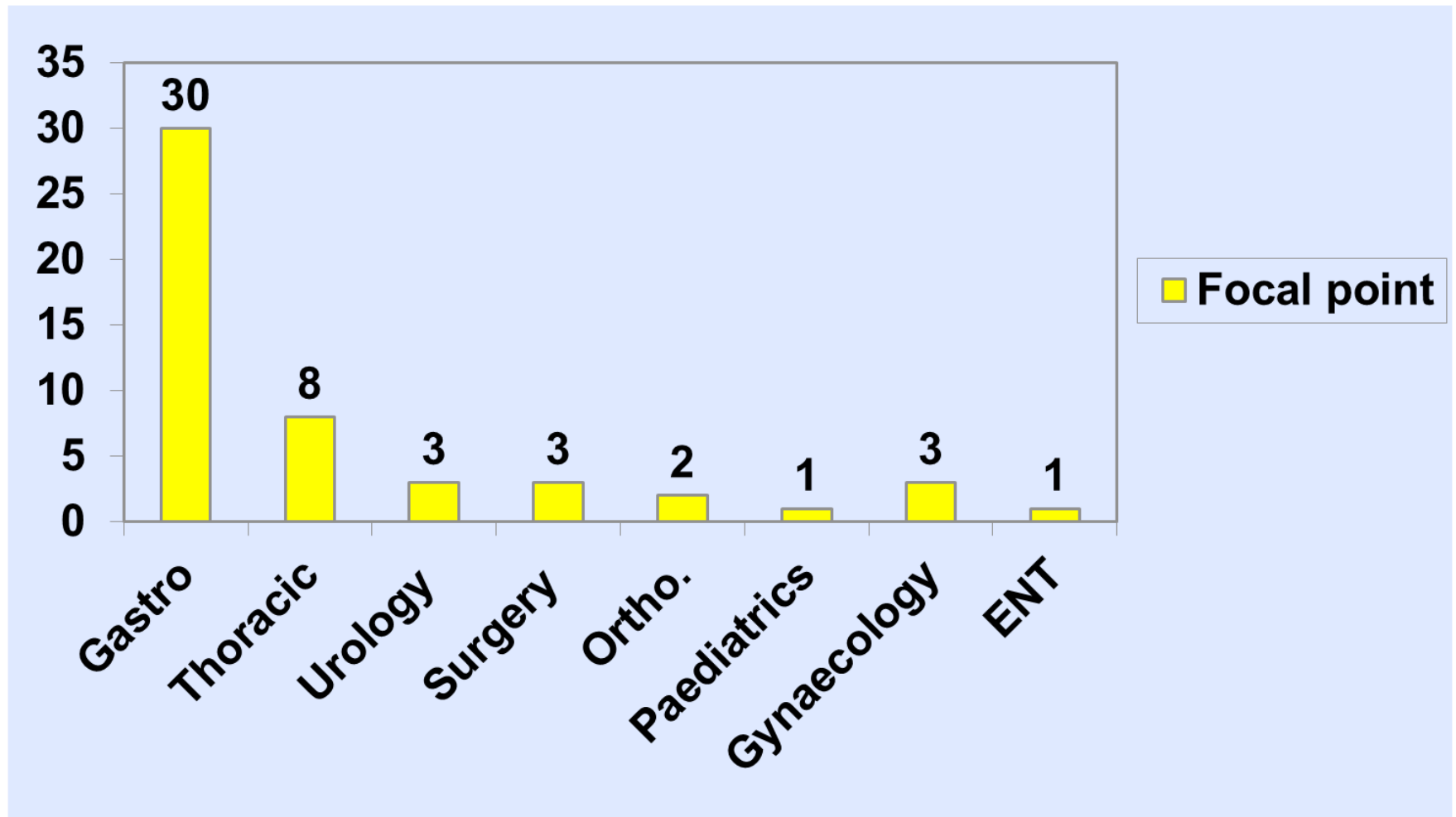
**Unit H - Part 2:
Optimising Nursing
90 h**

**TOTAL: 720
hours**

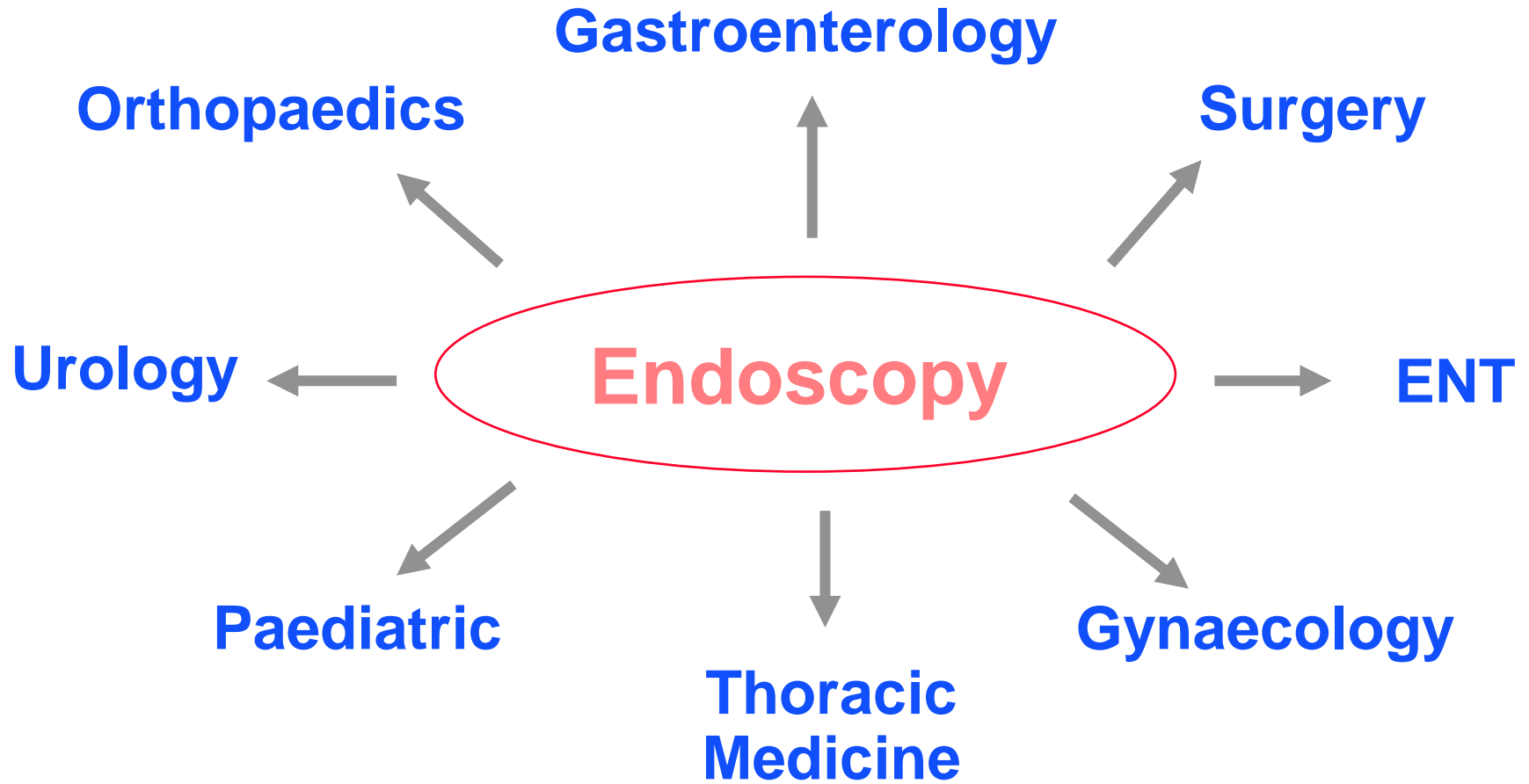


Countries with Specialist Education

Focused on Gastroenterology in all 30 countries

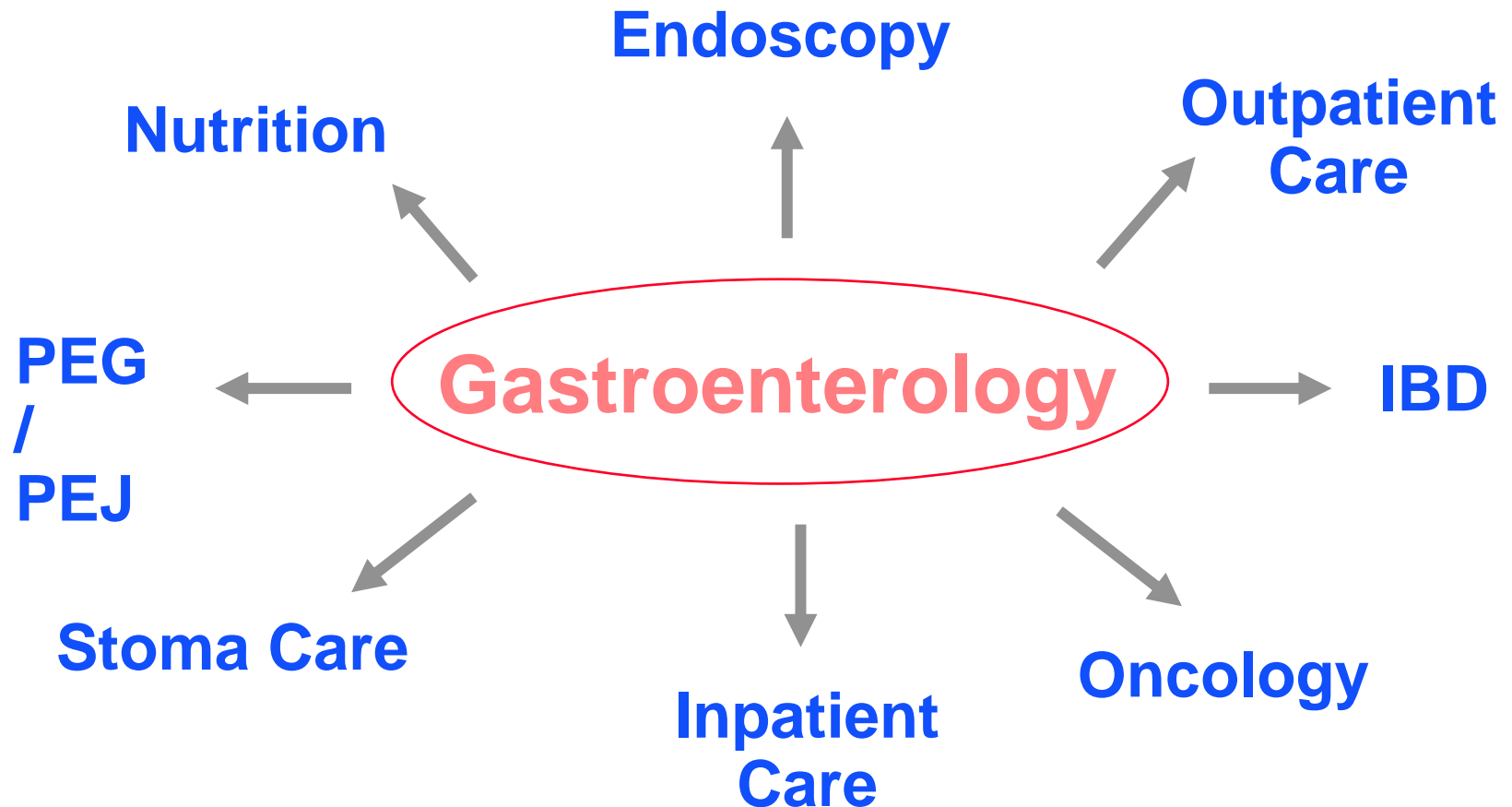


Countries with Specialist Education



Germany, Italy, France

Countries with Specialist Education

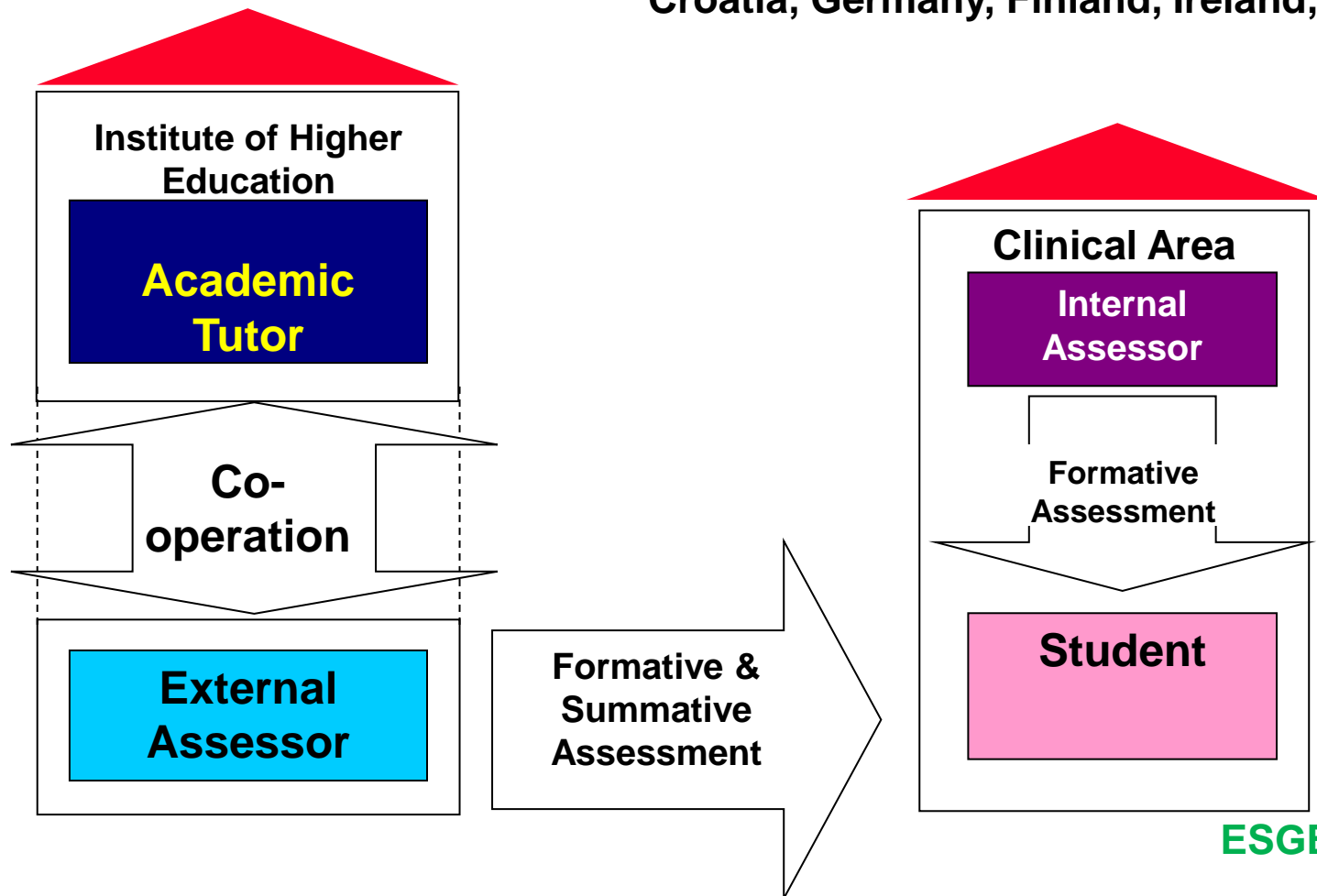


e.g. : Great Britain, Sweden, Denmark, Finland, Norway

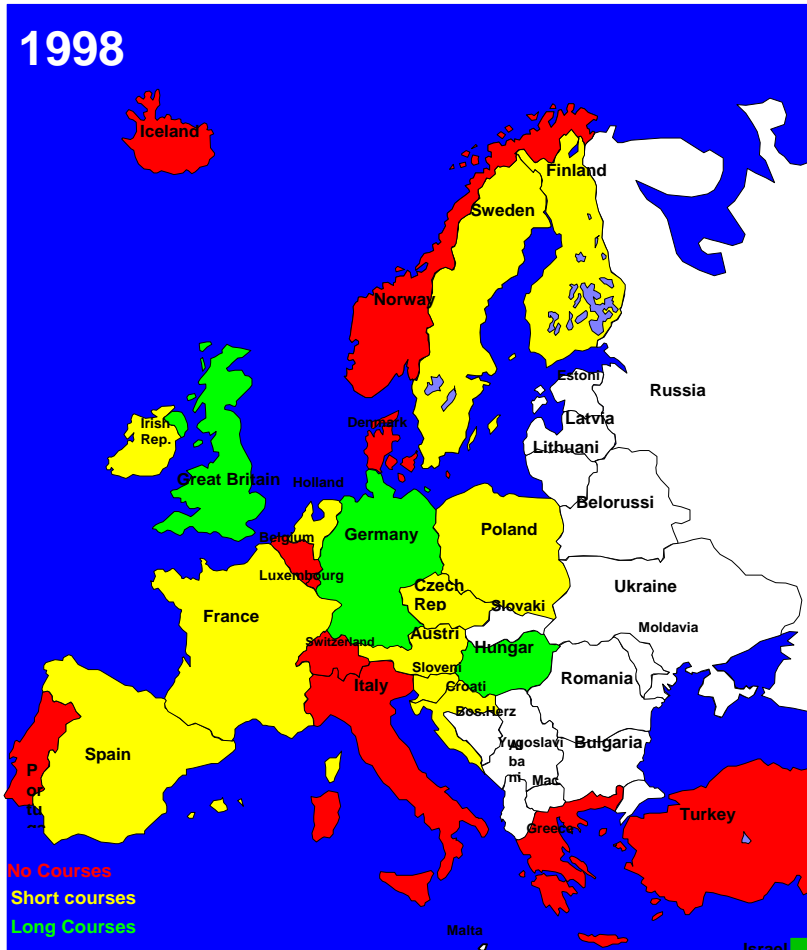
ESGENA 2020

External Tutor and Application of Assessment

Croatia, Germany, Finland, Ireland, NL



Endoscopy Courses in Europe



- Red no courses
- Yellow Courses of 1-8 weeks
- Green Special Endoscopy Course 5-12 months
- Purple university based courses

Changes between 1998 and 2019

Country	weeks				1 year					2 years	Changes
Austria	1 week				1 year						Recognition
Croatia					1 year						Master in GE
Czech. Rep.	4 weeks				1 year						
France					1 year						
Germany										2 years	
Israel					1 year						
Ireland					1 year						Master in GE
Italy	3 weeks								20 months		Master in critical care
Norway					1 year						New course planned
Sweden	2 weeks				5-25 weeks						Master in GE
The Netherlands	1 week				9 months						Bsc / Msc

Specialist Education for Endoscopy Nurses

Trend toward academic courses

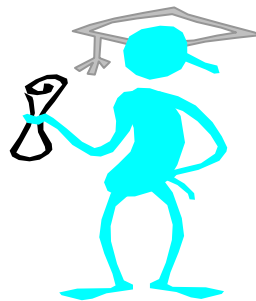
Longer courses

- Combine Theory and practise
- Full exam
- Official recognition

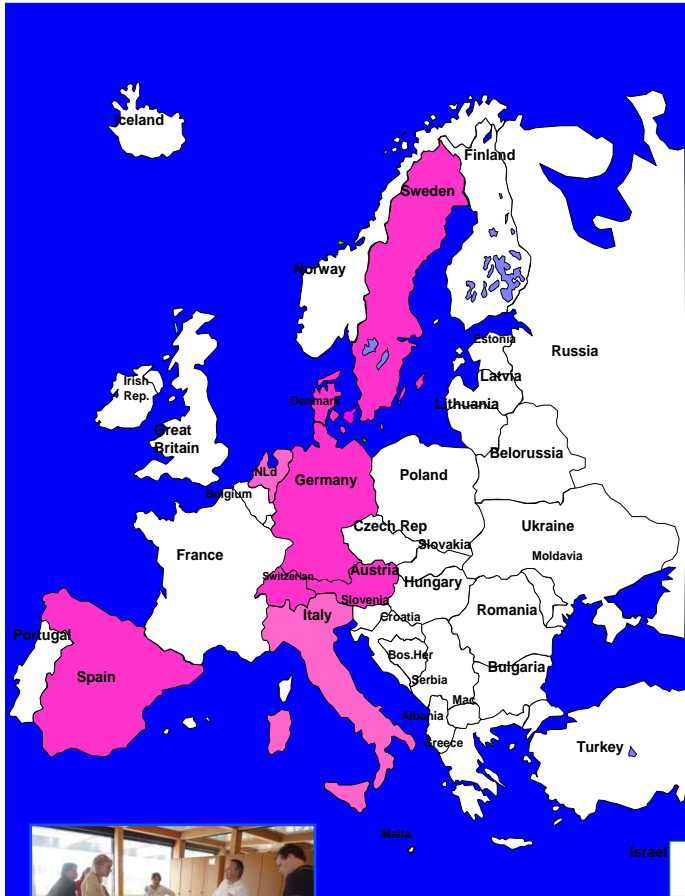


Short courses

- organised at university
- Theory focused
- Single weeks
- no official recognition as specialisation
- no / less credit points



Non-anesthesiologist administration of propofol (NAAP)



European Curriculum on Sedation (1)

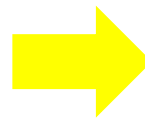
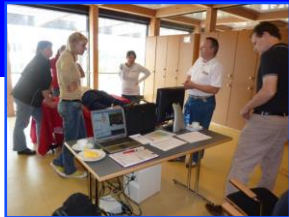
- 3 days courses with simulator training in BLS / ACLS
- 2 weeks training in endoscopy department

National Courses

- Germany, Austria, Switzerland
- Sweden, Denmark

Local courses

- Italy and Spain



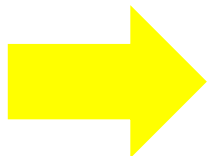
Quality improvements

1.) ESGE-ESGENA-Curriculum on Sedation. Endoscopy 2013; 45: 496–504

Qualification and Competencies

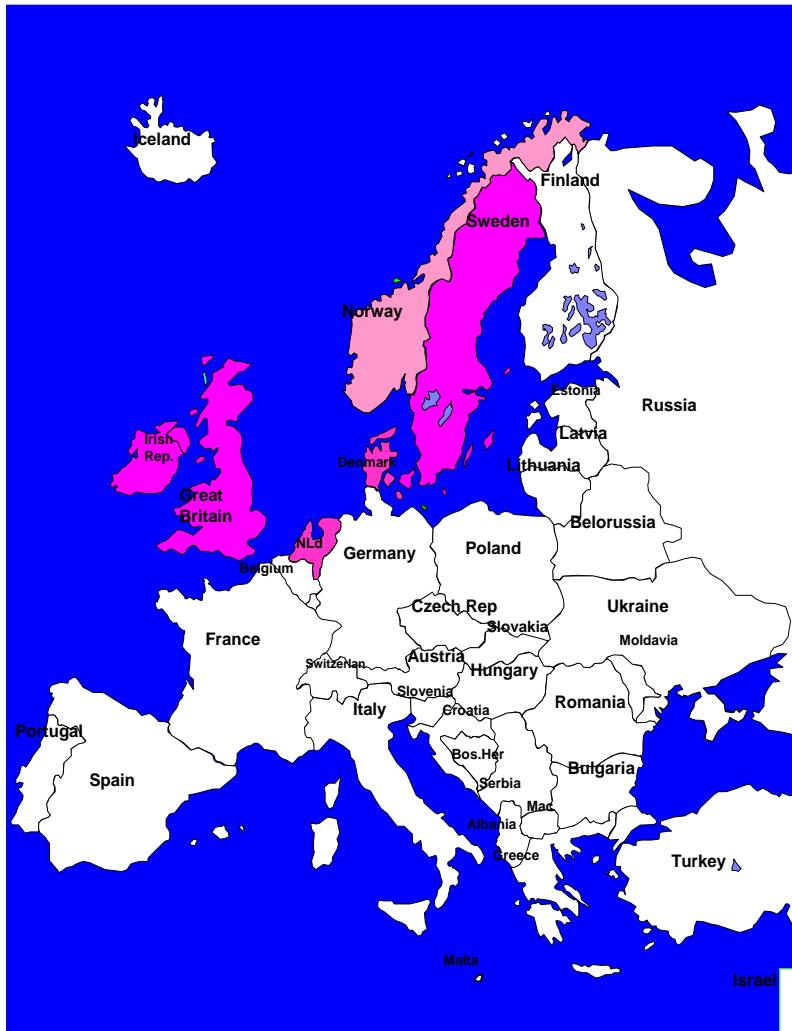
ESGENA European Curriculum on Endoscope reprocessing

- **Module 1:** Basics of hygiene, epidemiology and microbiology
- **Module 2:** Occupational health and safety
- **Module 3:** Structural requirements for Reprocessing units
- **Module 4:** Design, construction and use of Endoscopes and its Accessories
- **Module 5:** Standardised and validated reprocessing of flexible endoscopes and its accessories
- **Module 6:** Validation and routine testing of standardized reprocessing cycles for flexible endoscopes and its accessories



**Different between qualified and non-qualified staff
1 week – 3 weeks**

Nurse Endoscopists (NE)



ESGENA Statement (1) under review in 2020

- 1 year training
- At university level
- Same education as physicians

UK	2-3 per endoscopy unit
Sweden	60 NE
Ireland 22 NE	(ANP)
Denmark	79 NE
NL	70 NE
Norway	Under discussion

New roles

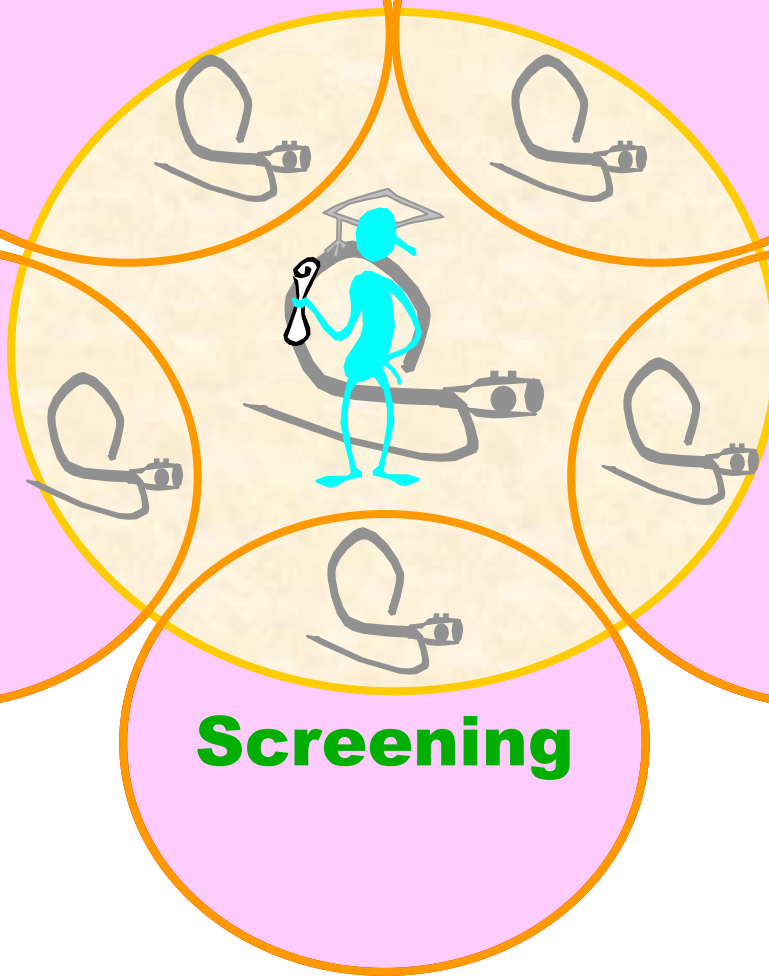
IBD

Hygiene

Stoma

**PEG /
Nutrition**

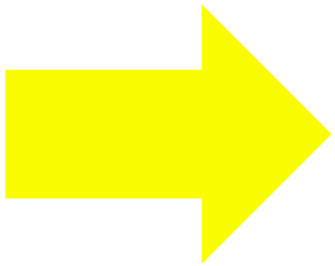
Screening



Advanced nurse Practitioners (ANP) in Gastroenterology

Motivation:

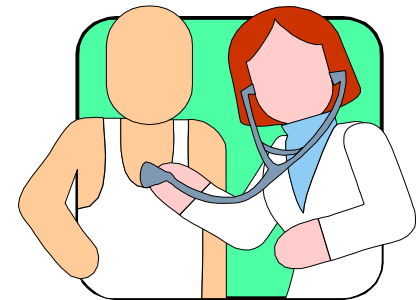
- The steadily aging population + Increase in chronic diseases
- **Shortage of doctors and qualified nurses**
- New educational structures based on the Bologna process



Especially for chronic diseases

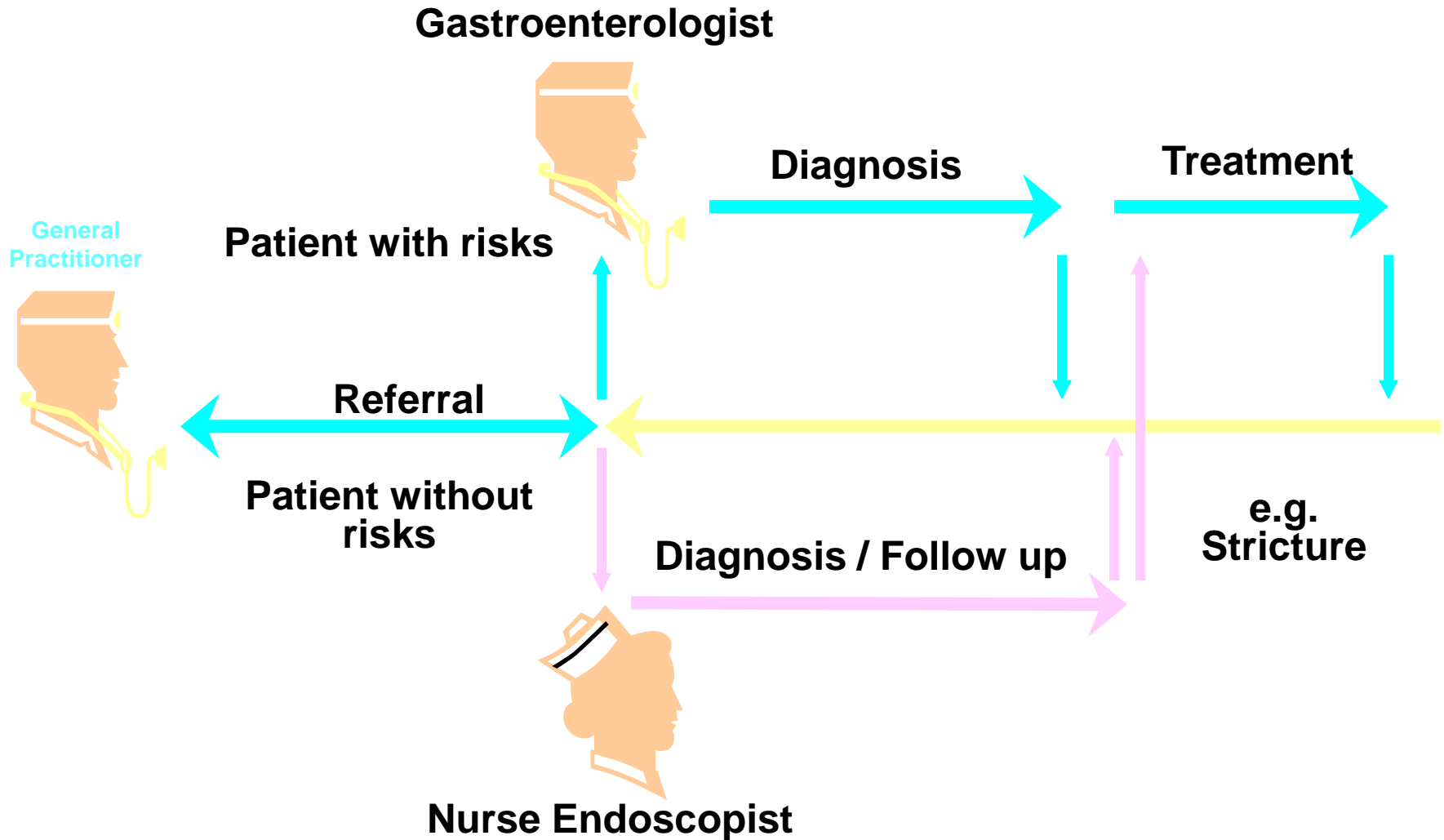
Follow-up & Consultation

Nurse led clinics



Nurse Practitioner

Advanced nurse Practitioners (ANP) in Gastroenterology



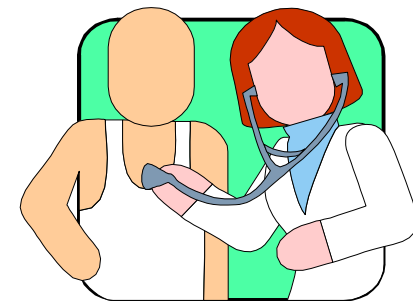
Advanced nurse Practitioners (ANP) in Gastroenterology

Patient Group focused

- Clinical nurse specialists ANP 13
- IBD 12
- IBS 5
- Screening 6
- Nutrition 9
- Stoma Care 10
- Oncology 15
- Research 12

Procedure focused

- Nurse Endoscopist 4
- Functional test (PH Monitoring, Manometry) 9
- Capsule 6
- PEG 5



Nurse Practitioner

Beveridge countries



*William Henry Beveridge,
1879 - 1963*

- **Financed primarily from taxation**
- **Provider and Financer same**
- **Doctors are fully employment
(no income / refund per procedure)**
- **Payment capitation
= payment by number of patients registered**



Limited resources

Waiting time

Limited access to specialists

Advanced roles for nurses well established

Bismarck countries



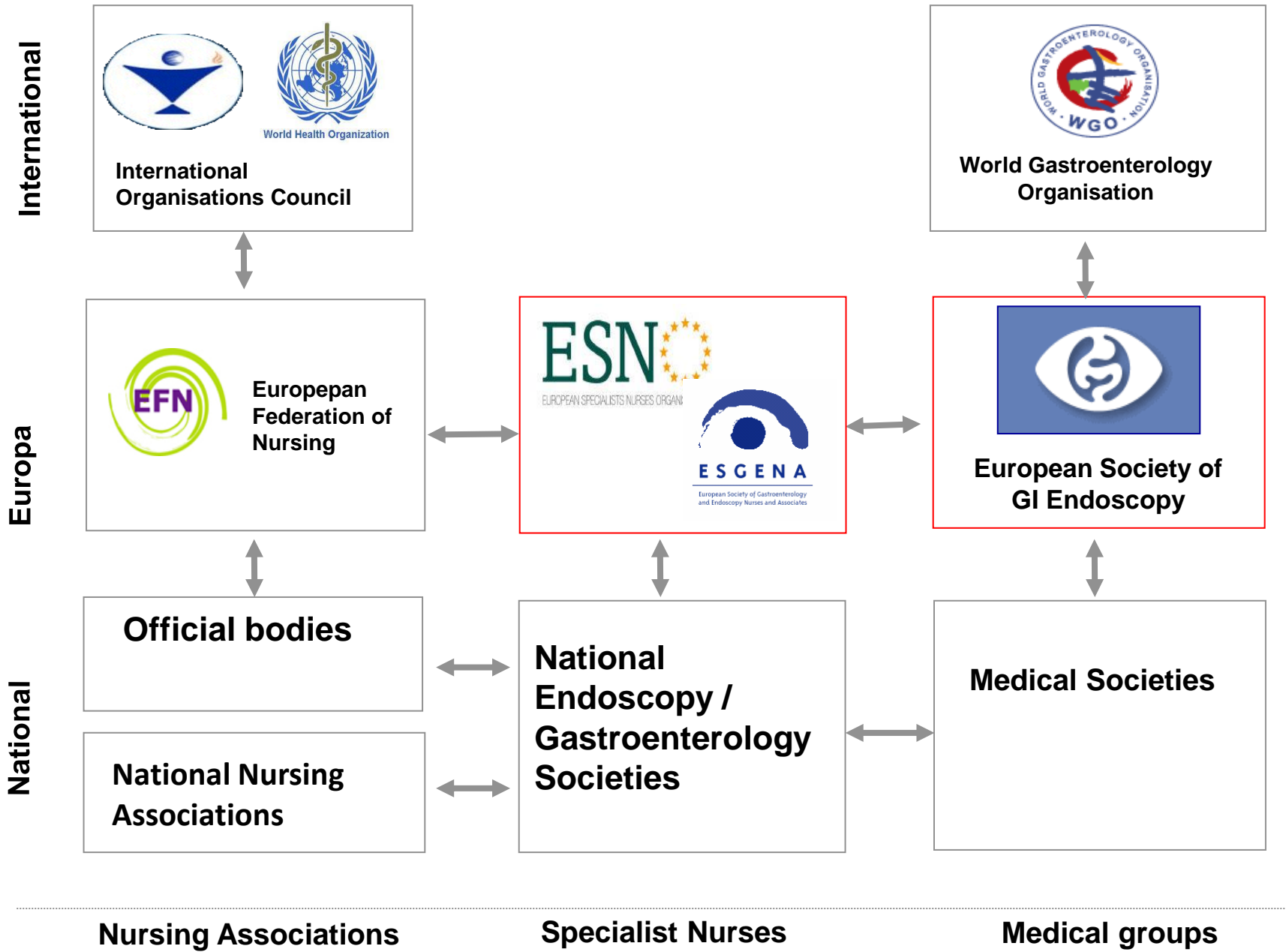
Otto Fürst Bismarck
1815-1898

- **Financed primarily from health insurance**
- **Provider and financer different**
- **Doctors are employment and self- employed
(own business / patients)**
- **Payment: Fee for service**

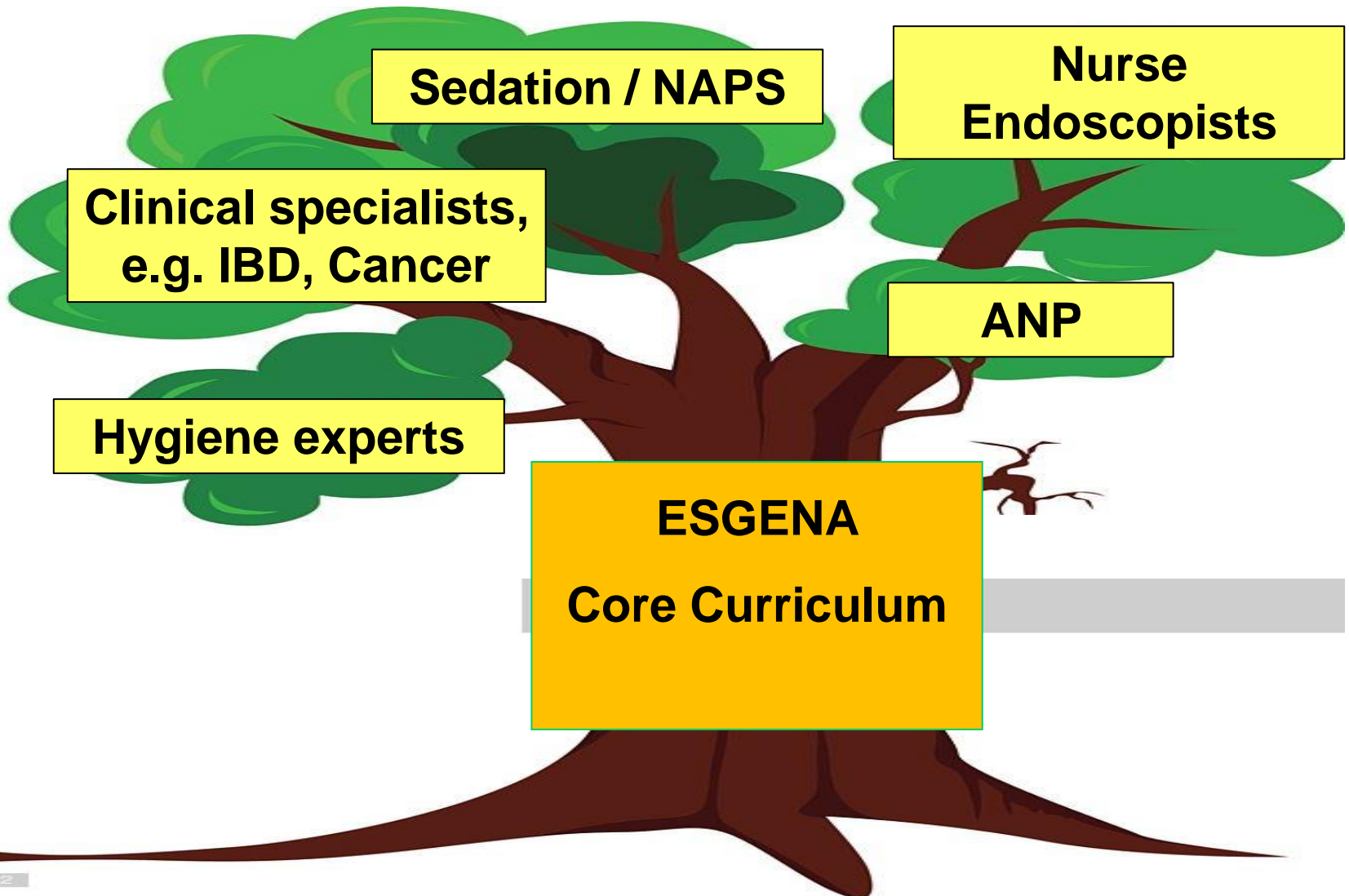


**Direct access to specialist
less waiting time
financial interest (?)**

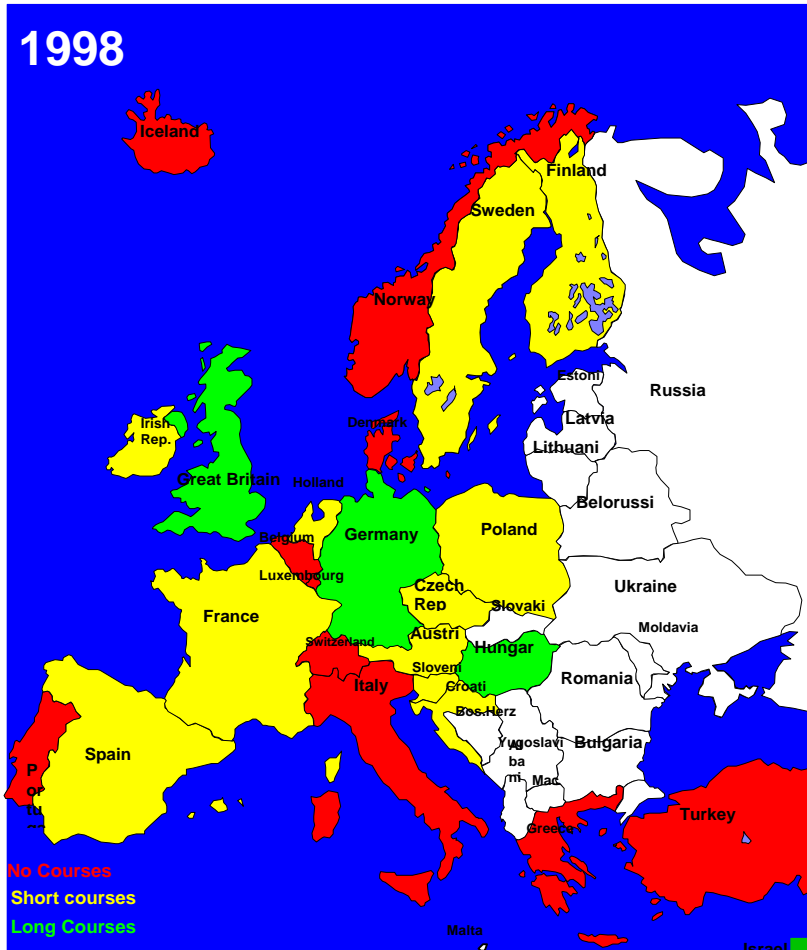
Nurses have limited access to advanced roles



ESGENA Educational Structure



Endoscopy Courses in Europe



- Red no courses
- Yellow Courses of 1-8 weeks
- Green Special Endoscopy Course 5-12 months
- Purple university based courses

Education in Endoscopy

- Conclusion -

- **Educational structures for Endoscopy Nurses varies**
- **Trend towards academic based courses for Endoscopy**
- **Advanced roles is varies**
 - **need academic structures**
 - **depend on national health system**
 - **are increasing**

