

B.A.A.S.
BELGIAN ASSOCIATION OF AMBULATORY SURGERY
1974 - 2014

1
ONE
DAY

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10^e

BELGISCH CONGRES VOOR
AMBULANTE CHIRURGIE
MILITAIR HOSPITAAL NEDER-OVER-HEEMBEEK

CONGRÈS BELGE de
CHIRURGIE AMBULATOIRE
HÔPITAL MILITAIRE NEDER-OVER-HEEMBEEK



10th BAAS Congress Brussels, 22 February, 2013



Financing Day Surgery in the World

*Paulo Lemos, MD
IAAS Past-President*





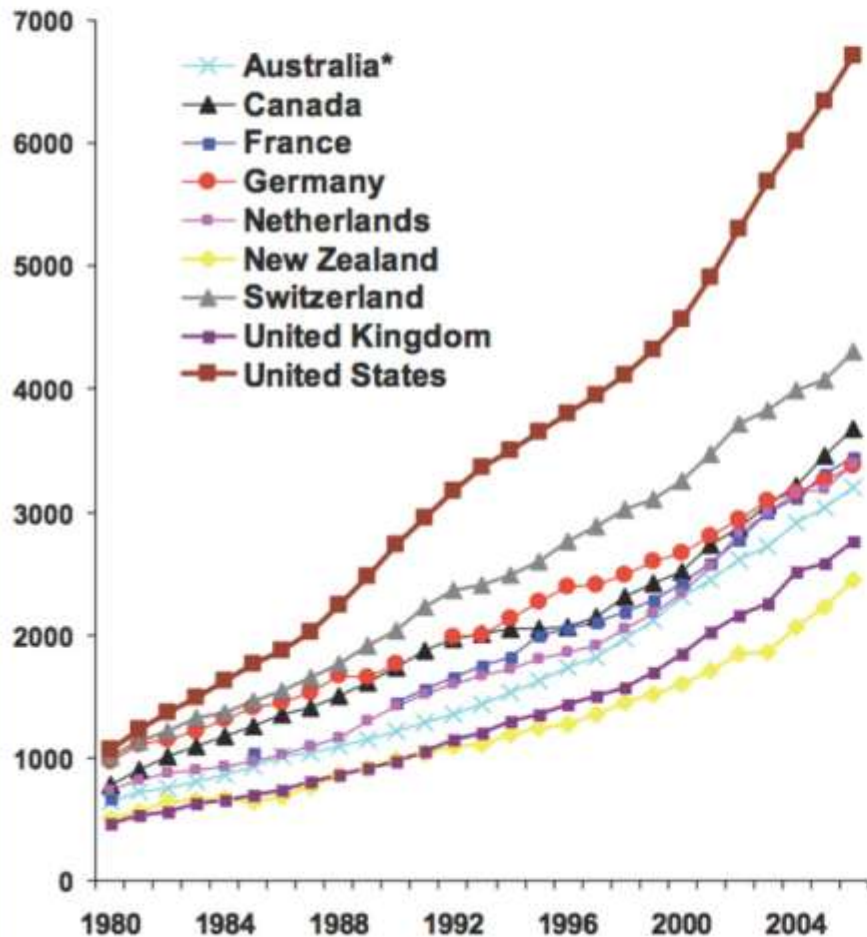
Centro Hospitalar do Porto, CHP - Portugal



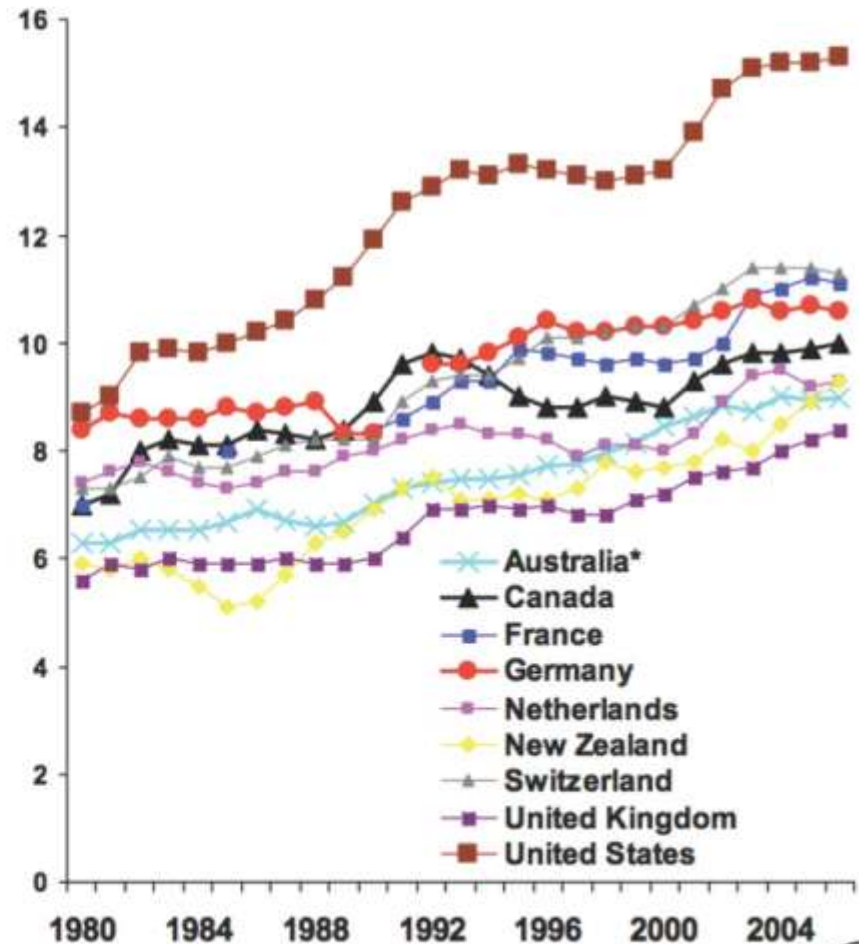
Rising costs in Healthcare all over the world



Average spending on health
per capita (\$US PPP)



Total expenditures on health
as percent of GDP





Financing National Health Service



EXCLUSIVO Funcionário da Casa Civil ameaça contar tudo sobre o dossiê

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17 de maio de 2018

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O CUSTO DA SAÚDE

A medicina avança, e salva mais vidas, mas está cada vez mais difícil para as pessoas, as empresas e os governos pagar esse progresso

Why Hospitals should do and want to perform more and more DS?



- DS is one of the few processes in health, that all partners receive major benefits:
 - patient (access and quality of care, humanization)
 - health professionals (satisfaction)
 - National Health Service (reduce costs & morbidity)having a great potential that should be extensively promoted!

Final Report of the National Committee for the Development of Day Surgery in Portugal (CNADCA), October, 2008.



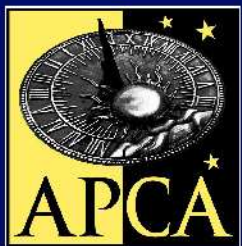
AS in Portugal - Trends of the last decade!



1999 – 2009 portuguese data

	1999	2001	2003	2005	2009
<i>Cirurgia Programada</i>	269.755	290.598	315.642	344.656	411.173
<i>Cirurgia Ambulatória</i>	14.837	20.870	46.111	75.935	179.646
<i>% CA</i>	5,5%	7,2%	14,6%	22,0%	43,7%

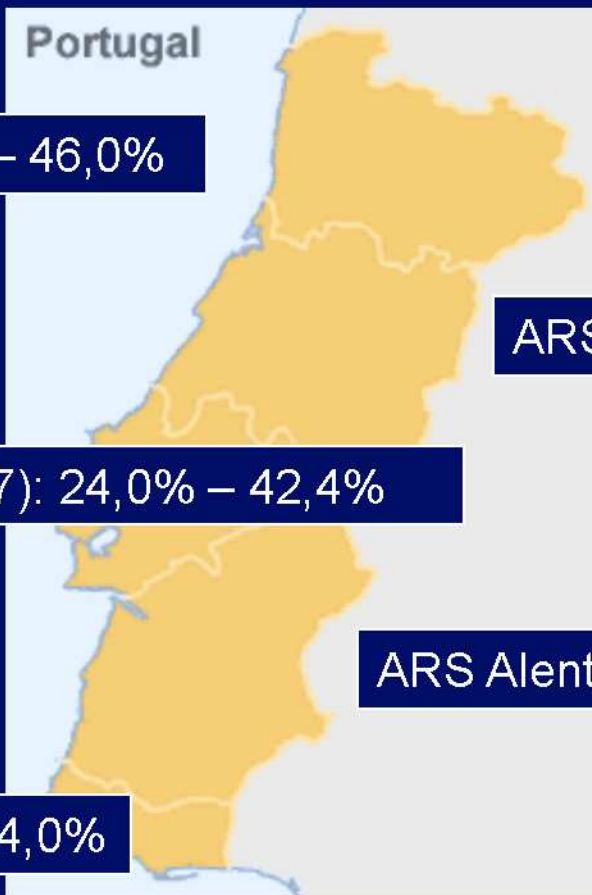
Lemos P, Ambulatory Surgery, 2011;17(1):2-8



AS in Portugal - Trends of the last decade!



2005 – 2009 development ...



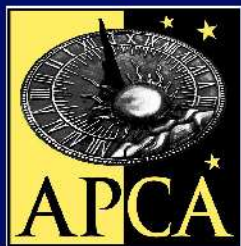
ARS North (16): 22,9% – 46,0%

ARS Centre (17): 20,8% – 41,5%

ARS Lisbon & Tejo Valley (17): 24,0% – 42,4%

ARS Alentejo (4): 20,0% – 50,1%

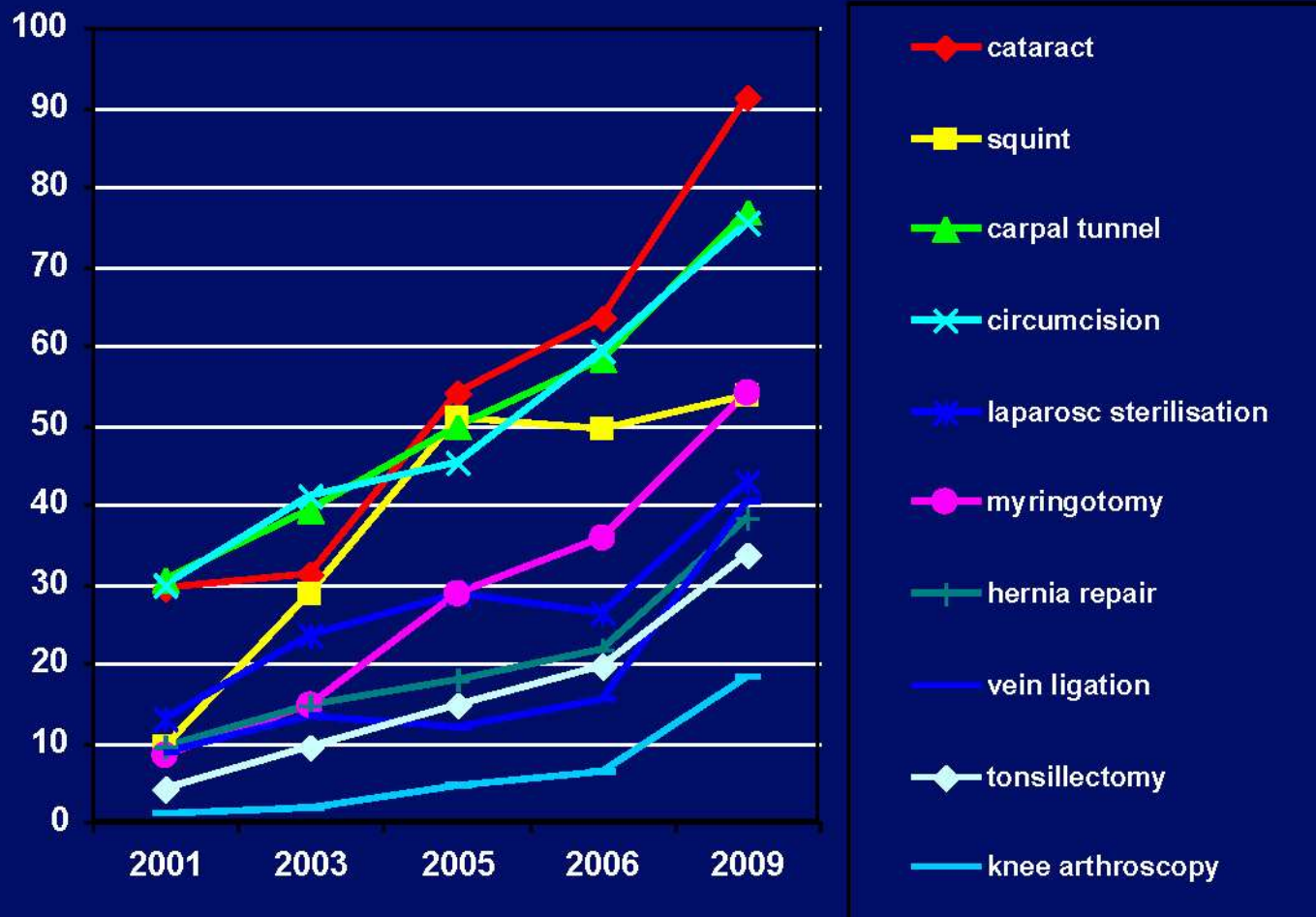
ARS Algarve (2): 17,0% – 64,0%



AS in Portugal - Trends of the last decade!



2001 - 2009 TREND



Future of AS in Portugal

- The goals of the National Committee

MINISTÉRIO DA SAÚDE

Gabinete do Ministro

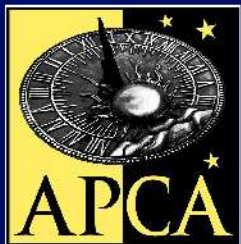
Despacho n.º 25 832/2007

Assim, determino:

1 — A criação de uma Comissão Nacional para o Desenvolvimento da Cirurgia de Ambulatório (CNADCA), com o objectivo de estudar

CNADCA Mission:

- Identify potential barriers and constraints for the national development of AS
- Identify surgical procedures feasible for AS setting and its impact
- Show needs for DSUs (logistics, equipments, and clinical organisation)
- Propose methods and places for proper training of AS
- Propose the building of new DSUs financially feasible
- Propose adequate informatics systems for AS
- **Analyse financial models and propose incentives measures**
- Select indicators to allow a high-quality continuous evaluation
- Monitor the growth of DSU pilot-projects



DS in Portugal: - Financing changes



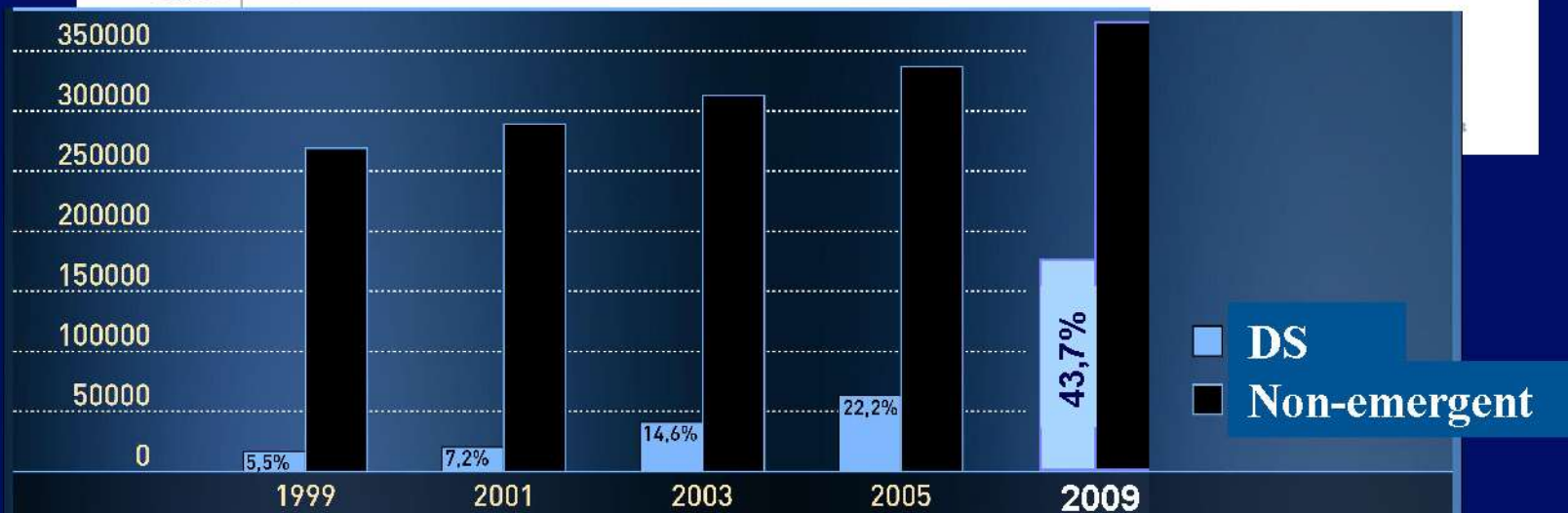
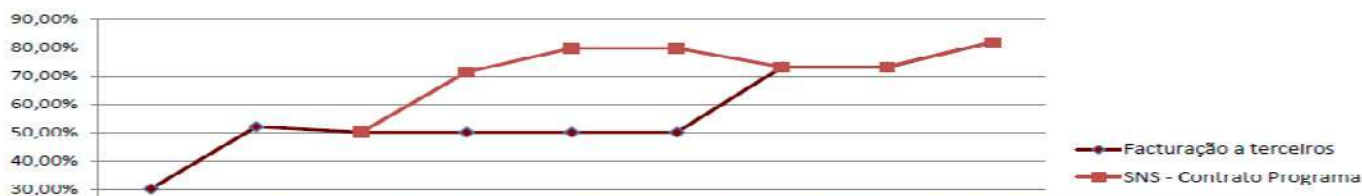
Ministério da Saúde

Administração Central

ACSS
do Sistema de Saúde

Average price of DS versus Inpatient

	1998	2001	2003	2004	2005	2006	2007	2008	2009
Facturação a terceiros	30,16%	52,10%	50,11%	50,11%	50,11%	50,11%*	73,20%	73,20%	82%
SNS - Contrato Programa	NA	NA	50,15%	71,41%	79,82%	79,82%	73,20%	73,20%	82%



Financing & Contracts

- might be an important barrier...



RESUMO DAS MEDIDAS PROPOSTAS

PRIORIDADES	MEDIDAS	PRAZO	RESPONSÁVEIS
07. Contratualização e Financiamento	13. Definição de 'Preço em Ambulatório' na tabela de preços do SNS, a todos os GDH cirúrgicos cujo limiar inferior de internamento seja inferior a 5 dias	Ano de 2008	Hospitais
	14. Inclusão dos GDH médicos 316, 317, 369, 465 e 466 no âmbito da Cirurgia de Ambulatório	Ano de 2008	ACSS, ARS, Hospitais
	15. Utilização de preço igual para internamento e ambulatório para todos os GDH cujo limiar inferior de internamento seja igual a 1 dia	Ano de 2008	ACSS, ARS, Hospitais
	16. Redução do valor de 73,2% do preço do internamento para os GDH cujo limiar inferior de internamento seja superior a 1 e inferior a 5 dias	Ano de 2008	ACSS, ARS, Hospitais
	17. Definição do limiar inferior de Internamento de 1 dia, para todos os GDH em que exista preço para Cirurgia de Ambulatório	Ano de 2008	ACSS, ARS, Hospitais

75 DRG including:
 - Thyroid lobectomy
 - Lap cholecyst

In 2009, DS was 82% of inpatient financing!



Survey on financing day surgery (18 out of 29 countries – 62.1%)



■ America (2):

- Brazil, Peru; Argentina ~~X~~, Canada ~~X~~, Colombia ~~X~~, Mexico ~~X~~, US ~~X~~

■ Asia (1):

- India; China ~~X~~

■ Europe (14):

- Belgium, Denmark, Finland, France, Germany, Hungary, Italy
- Norway, Portugal, Romania, Spain, Sweden, The Netherlands, UK
- Slovakia ~~X~~, Serbia ~~X~~, Poland ~~X~~, Ireland ~~X~~

■ Oceania (1):

- Australia; New Zealand ~~X~~



Financing Models in Healthcare System



- **Beveridge Model**
(Government run NHS financed by general taxation)
- **Bismark Model**
(Insurance system covering everybody, jointly financed by employers and employees through payroll deduction)
- **Mixed Model**
(Beveridge and Bismark models)
- **Private health insurance**



Survey on financing day surgery (18 out of 29 countries)



- Beveridge Model



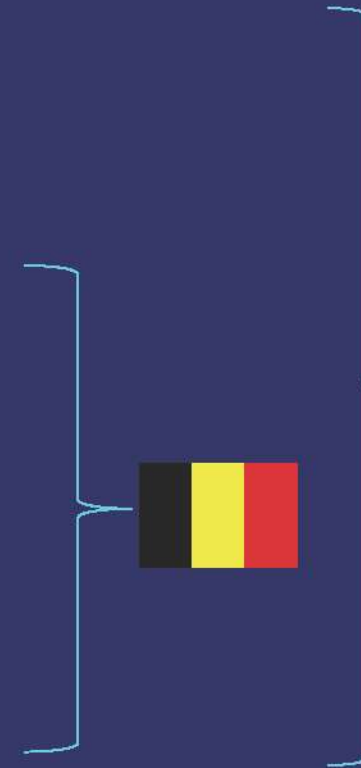
- Bismark Model



- Mixed model

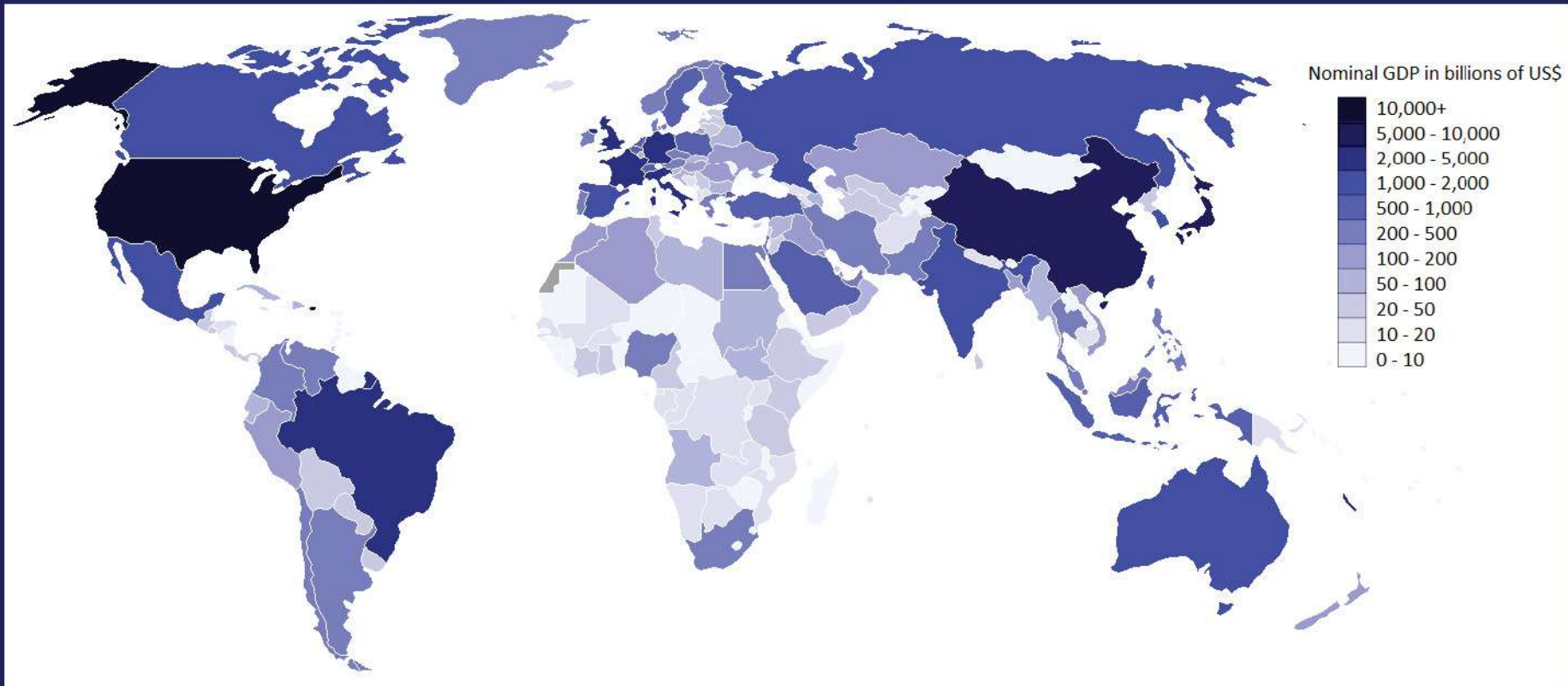


- Private health insurance





Richness per country - GDP (billions of US\$)





Richness per capita - GDP by PPP (purchasing power parity)



Source: IMF (2011)



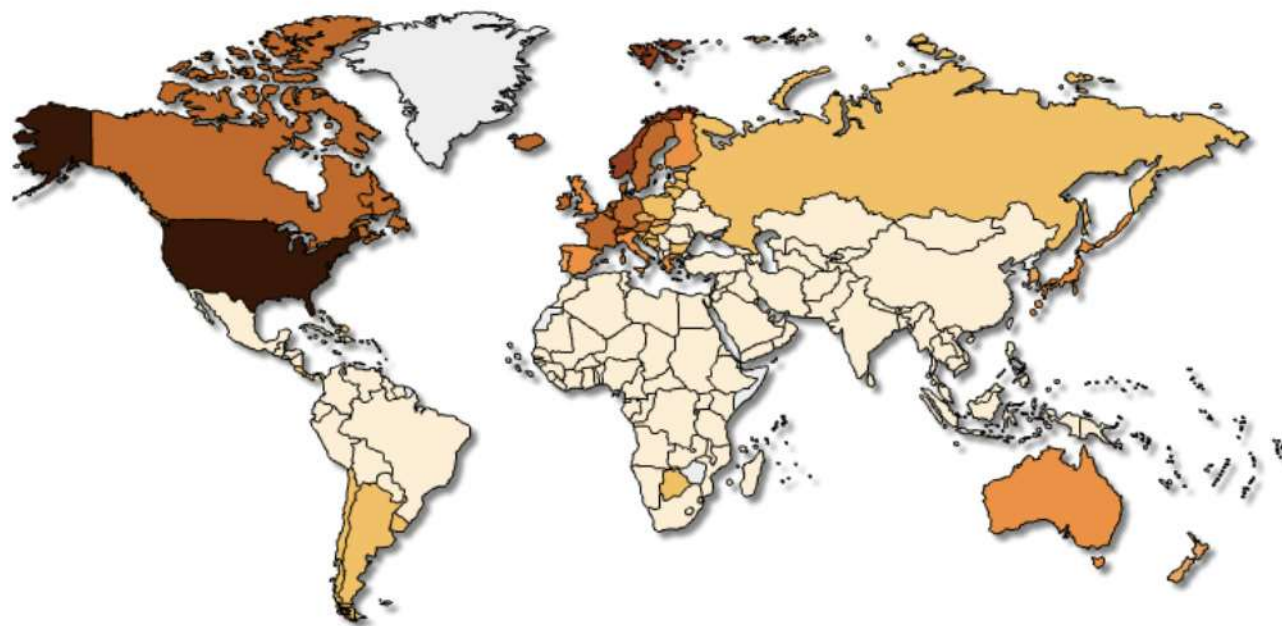
Health expenditure per capita - PPP (international \$)



Health Expenditure Per Capita (PPP; International \$)

2008

(Go to [Table](#) or [Notes and Sources](#) below)



% GDP (OECD 2009):

- US – 17.4
- Netherlands – 12.0
- France – 11.8
- Germany – 11.6
- Denmark – 11.5
- Belgium – 10.9
- Portugal – 10.1
- Sweden – 10.0
- UK – 9.8
- Norway – 9.6
- Italy – 9.5
- Spain – 9.5
- Finland – 9.2
- Australia – 8.7
- Brazil – 8.4
- Hungary – 7.4
- Romania – 5.4
- Peru – 4.5
- India – 4.2



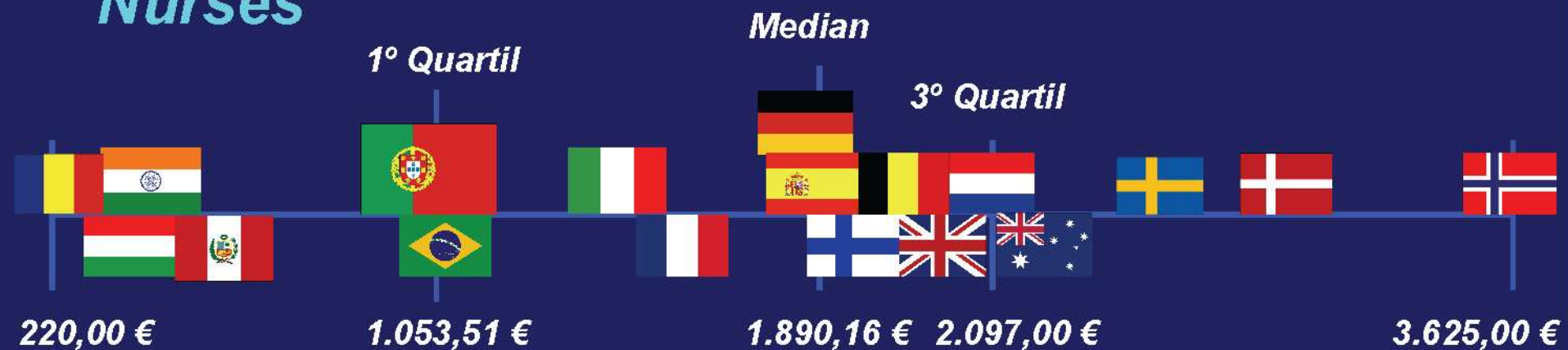
Costs with healthcare professionals - values for beginning of careers



Doctors



Nurses





Costs with drugs (price over the counter) - purchase value for the population



Paracetamol, 1 g, per os



Ibuprofen, 400 mg, per os





Living cost



Most popular daily national newspaper



McDonald's - Big Mac Burger





Labour costs - Minimum national salary



 - Not applicable !



Procedures involved on financing evaluation



- Cataract surgery
 - Tonsillectomy
 - Inguinal hernia repair
 - Varicose vein surgery
 - Carpal tunnel release
 - Circumcision
 - Knee arthroscopy
 - Endoscopic female sterilisation
 - Laparoscopy cholecystectomy
 - Thyroid lobectomy
 - Lumbar microdiscectomy
 - Transurethral resection of prostata
 - Vaginal hysterectomy (LAVH)
 - Abdominoplasty
- most freq DS proced
- most freq endosc proced
- most freq DS complex proced

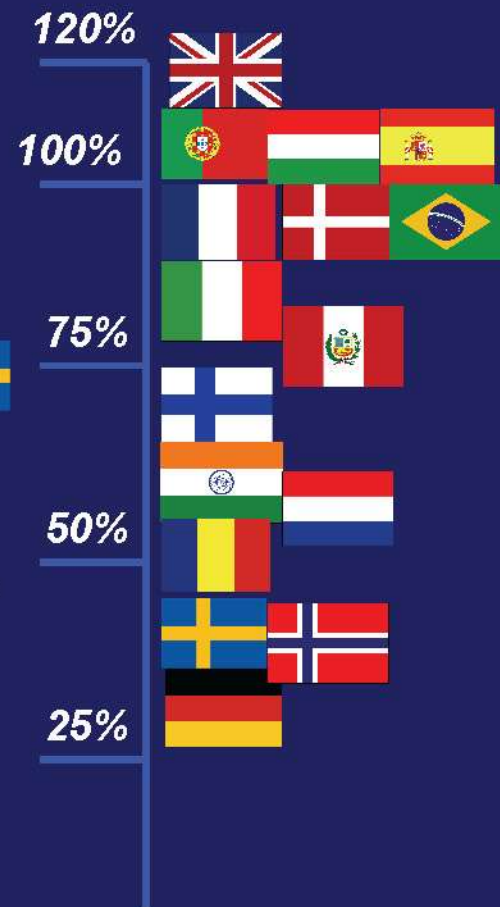
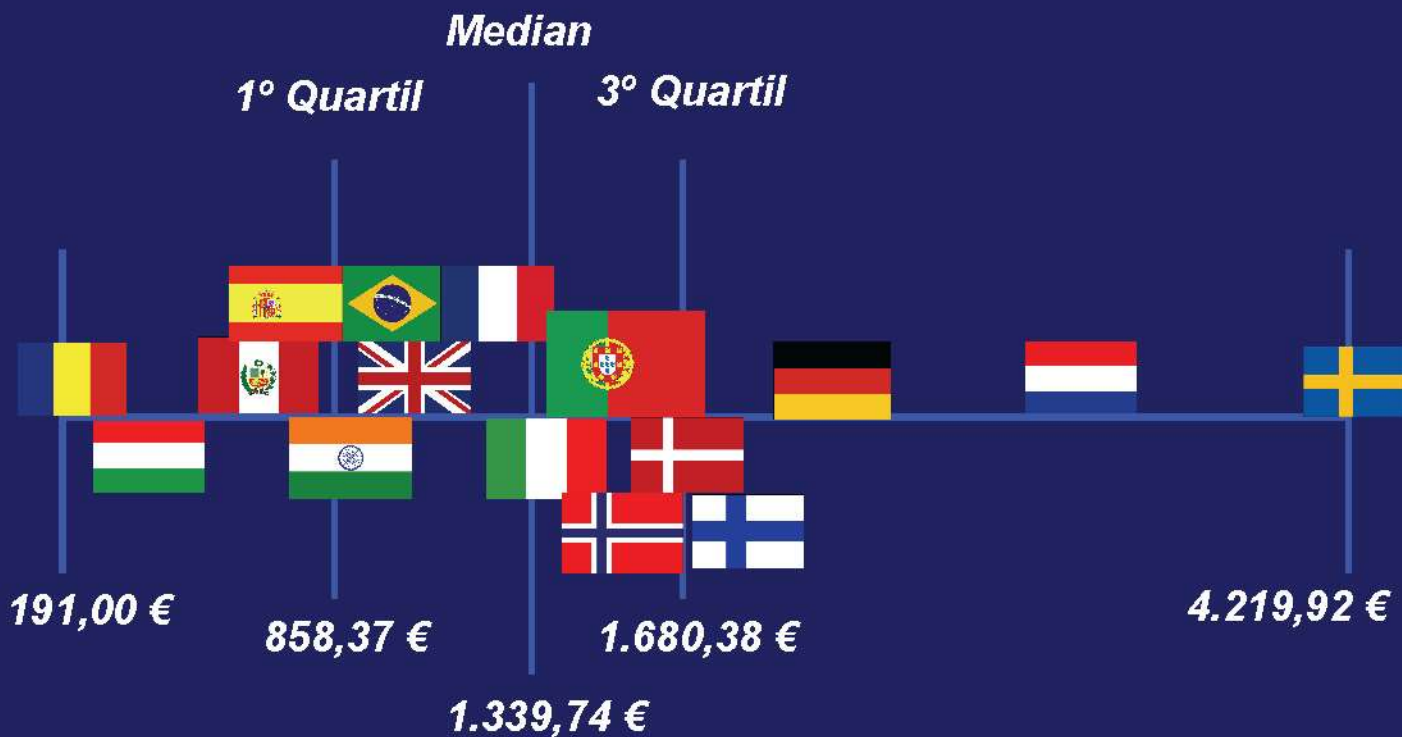


Most frequent DS procedures (cataract, tonsillect, ing hernia, varicose vein) - Average price



Inpatient regimen

% Ambulatory



- Not available data!

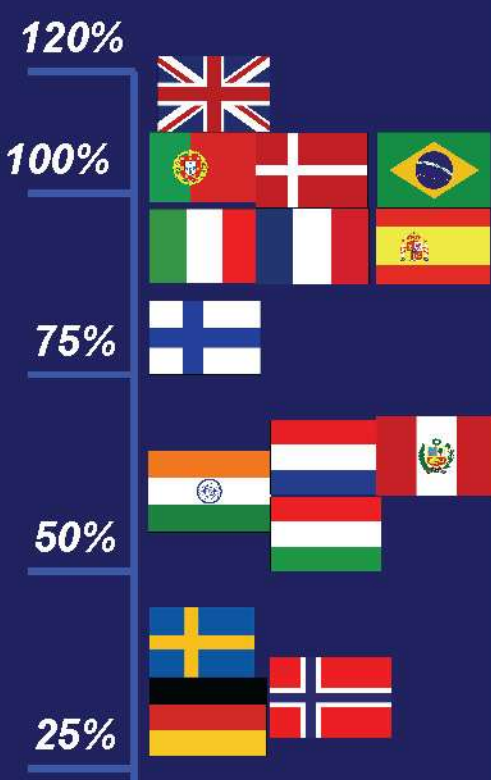


Most freq endosc DS procedures (knee arthroscopy, female sterilisation, lap cole) - Average price



Inpatient regimen

% Ambulatory



 - Not available data!

 - Doesn't exist for DS

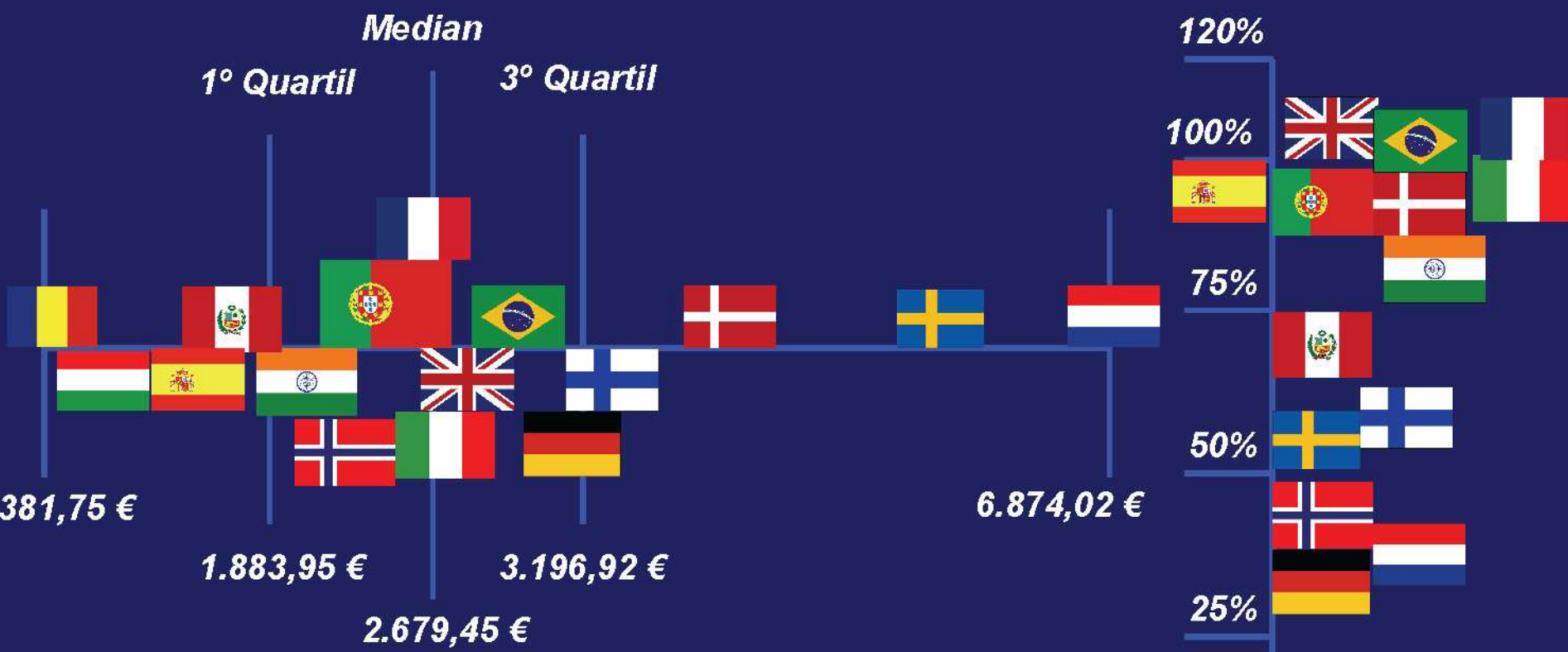


Most freq DS complex proced (thyroid lobect, lombar discect, TURP, LAVH) - Average price



Inpatient regimen

% Ambulatory



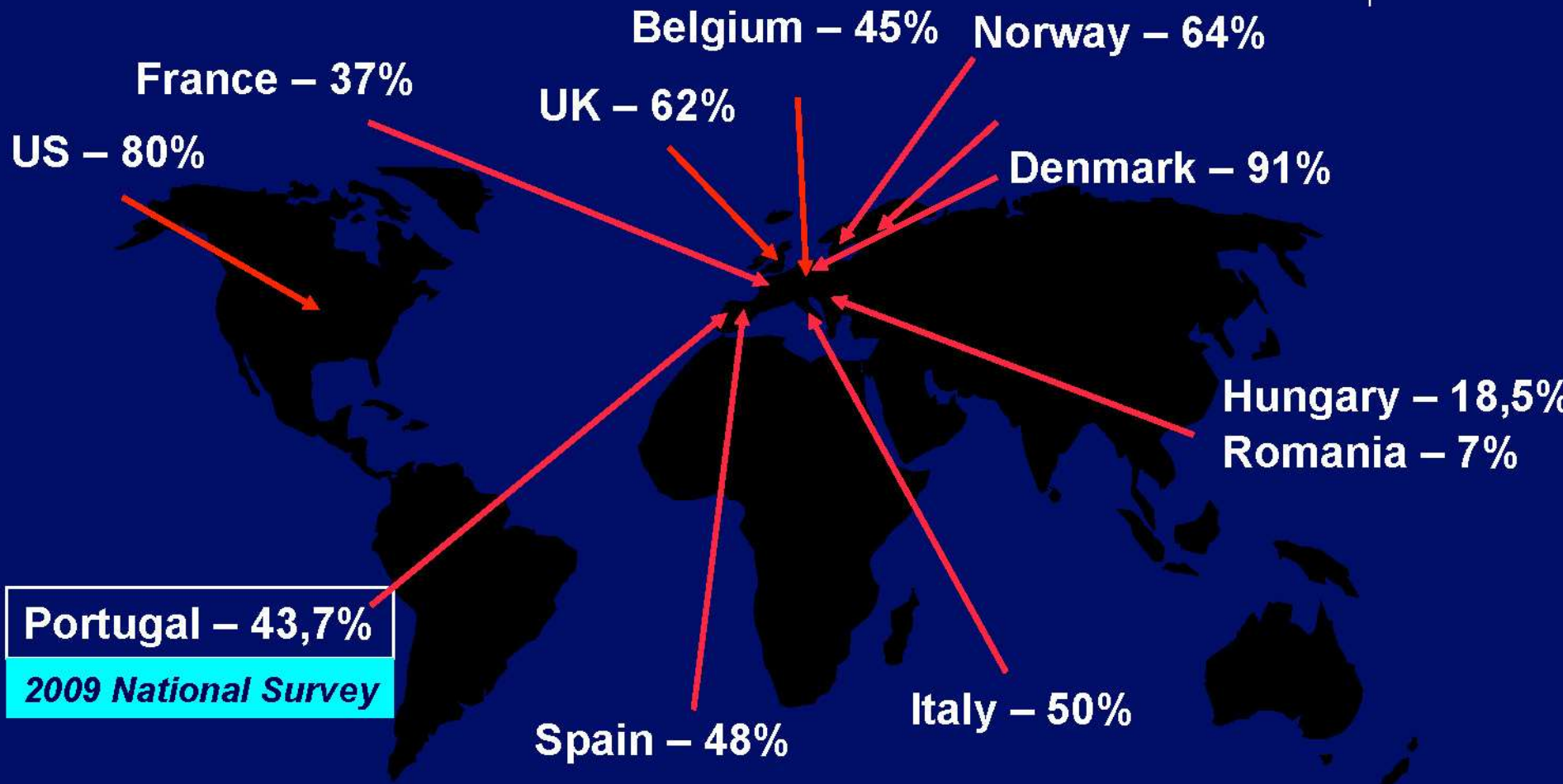
 - Not available data!

 - Doesn't exist for DS



DS in the World (2009-10)

- Results from DaySafe Project



Portugal – 43,7%
2009 National Survey

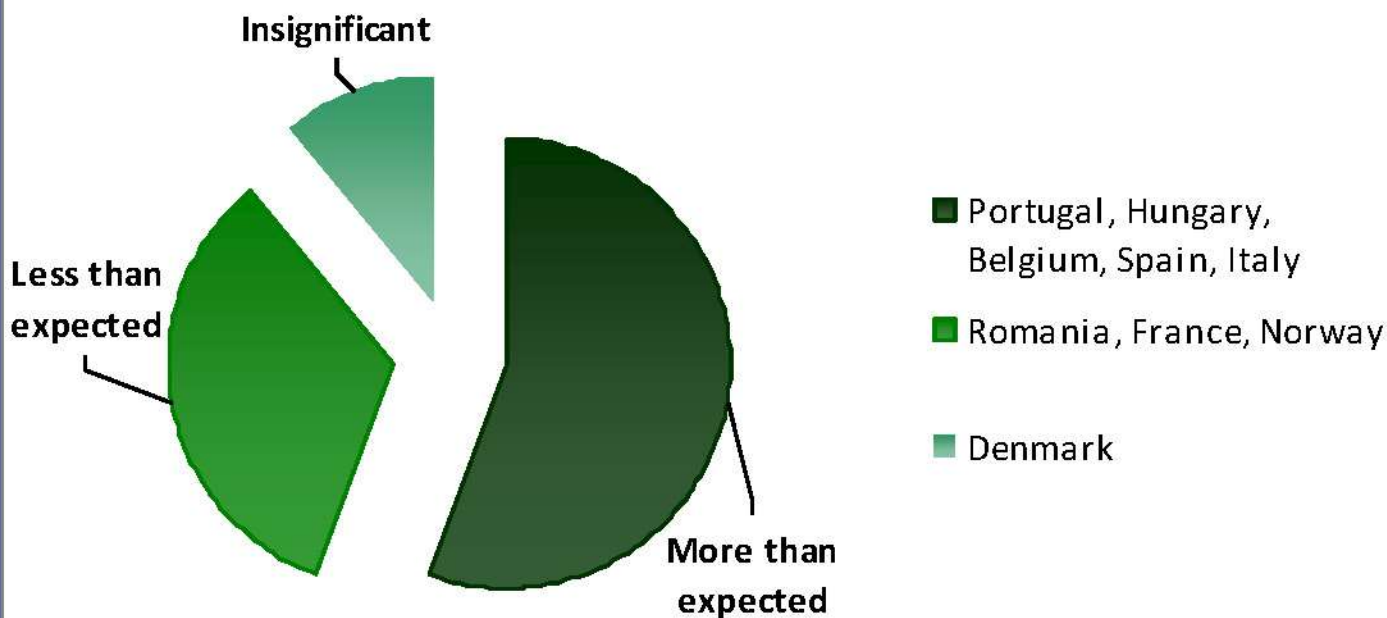


DS in the World (2009-10)

- Results from DaySafe Project



Evolution of DS during the last 5 years





Surgical Financing in UK



Surgical Procedure	ICD9CM	DRG	HRG4	Inpatient Tariff			Daycase Tariff		
				2011-12	2012-13	%	2011-12	2012-13	%
Cataract surgery	13.1-13.7	39	BZ03Z	1 091,50 €	1 007,72 €	-7,68%	1 091,50 €	1 007,72 €	-7,68%
Tonsillectomy	28.2 – 28.3	59	CZ05Y (adult)	1 286,20 €	868,48 €	-32,48%	1 286,20 €	1 222,48 €	-4,95%
			CZ05T (<=18)	1 231,92 €	928,66 €	-24,62%	1 231,92 €	1 282,66 €	4,12%
Inguinal hernia repair	53.0.- 53.1	162	FZ18C	972,32 €	986,48 €	1,46%	1 326,32 €	1 340,48 €	1,07%
Varicose veins	38,5	119	QZ05B	1 275,58 €	1 221,30 €	-4,26%	1 275,58 €	1 221,30 €	-4,26%
Carpal tunnel release	4,43	6	HB55C	1 090,32 €	1 118,64 €	2,60%	1 090,32 €	1 118,64 €	2,60%
Knee arthroscopy	80,26	232	HB24C	1 400,66 €	1 367,62 €	-2,36%	1 400,66 €	1 367,62 €	-2,36%
Circumcision	64	342	LB32B (adult)	840,16 €	847,24 €	0,84%	840,16 €	847,24 €	0,84%
			LB32C (<=18)	870,84 €	979,40 €	12,47%	870,84 €	979,40 €	12,47%
Endoscopic female sterilisation	66,2	361	MA10Z	864,94 €	1 095,04 €	26,60%	864,94 €	1 095,04 €	26,60%
Laparoscopic cholecystectomy	51,23	494	GA10D/E	1 616,60 €	1 613,06 €	-0,22%	1 993,02 €	1 961,16 €	-1,60%
Thyroid lobectomy	6,2	290	KA01B/9B	2 801,32 €	2 625,50 €	-6,28%	2 801,32 €	2 625,50 €	-6,28%
Lumbar microdiscectomy	80,5	758	HC04C	3 937,66 €	3 875,12 €	-1,59%	3 937,66 €	3 875,12 €	-1,59%
Transurethral resection of prostate	60,2	337	LB25C	2 021,34 €	1 937,56 €	-4,14%	2 198,34 €	2 173,56 €	-1,13%
Abdominoplasty	86,83	268		0,00 €	0,00 €	#DIV/0!	0,00 €	0,00 €	#DIV/0!
Vaginal hysterectomy (LAVH)	68,51	359	MA07B/D	3 168,30 €	3 066,82 €	-3,20%	3 168,30 €	3 066,82 €	-3,20%



Ambulatory Surgery Journal (IAAS Official Journal)





Safari Ficheiro Edição Visualização Histórico Marcadores Janela Ajuda Volume 18
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Volume 18  

Volume 18.2 October 2012

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Take home messages ...



- ***It does exist great heterogeneity in the richness and the economic potential of the countries involved. However, usually they do maintain their relative position for different purposes (costs / reimbursement)***
- ***Countries that achieve a high DS percentage have a strong financial incentive through an initial reimbursement system that is equal to that of the inpatient setting***
- ***There is a significant potential savings when NHS maximize day surgery practice (ex. UK)***

**Join us
on the 5-8 May, 2013 in Budapest...**



IAAS 10th International Congress on Ambulatory Surgery

**Budapest, Hungary
5-8 May, 2013**

**for the Development & Expansion
of Ambulatory Surgery**

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Thank you so much for your attention!



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