German Society of Hospital Hygiene (DGKH) European Network to promote infection prevention for patient safety (EUNETIPS)



International Symposium DIFFERENCES AND SIM IN INFECTION PREVENTION IN EUROPEAN COUNTRIES



Berlin Friday, 26 June 2015

Improving Infection **Control and Hospital** Hygiene in Europe: Professional Networks and **European Programs**

Silvio Brusaferro

EUNETIPS European network to promote infection prevention for patient sofety

for patient safety

Topics

• issues influencing IC/HH in Europe

• IC/HH prevention and control is in progress...

• Possible areas for learning and improvement

Topics

Issues influencing IC/HH in Europe

 Patient safety and HAI prevention and control is in progress...

• Possible areas for learning and improvement

Issues influencing IC/HH in Europe - 1

- Demography and healthcare evolution
 - Increasing number of people > 65 (in some regions they are close to 25% of the population)
 - Increasing number of people affected by multi morbidity (i.e. frail elderly)
 - Increasing number of settings for healthcare
- Equity in health among and within Countries is an issue;

- i.e. life expectancy at birth, access to healthcare services

- "Crisis" affects differently European Countries with different effects on health,, health services and patinet safety
 - i.e. Greece example

Issues influencing IC(HH in Europe-2

- Different policies and rules in running the healthcare systems
 - Centralised / decentralised
 - Financing and reimbursement systems
 - Quality and safety standards (mostly defined at Country/Regional level)
 - Relevant role of
 - Primary care
 - Social services integrated with healthcare services

Issues influencing in Europe - 3

 Different histories / traditions in Infection Control and Hospital Hygiene (IC/HH) among countries

– The case of "IC/HH"

- HAI prevention and control poorly coordinated with patient safety
- Many good practices at Country/Regional level in HAI prevention and control
 - Non homogeneously distributed
 - Few cases exported outside a single Country

Issues influencing IC/HH in Europe

- Differences in education and training systems
 - The case of nursing schools
 - Differences in training an recognition of Infection Control professionals
- Different languages
 - Many citizens have a limited knowledge of foreign languages
 - This is true also for Healthcare Professionals

Topics

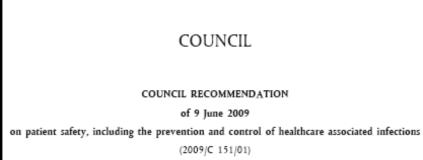
• Issues influencing IC/HH in Europe

 Patient safety and HAI prevention and control is in progress...

• Possible areas for learning and improvement

RECOMMENDATIONS

8. Adopt and implement a strategy at the appropriate level for the prevention and control of healthcare associated infections, pursuing the following objectives:



- a) implement prevention and control measures at national or regional level to support the containment of healthcare associated infections and in particular;
- b) enhance infection prevention and control at the level of the healthcare institutions in particular by encouraging healthcare institutions to have in place;
- c) establish or strengthen active surveillance systems;
- d) foster education and training of healthcare workers;
- e) improve the information to the patients by healthcare institutions;
- f) support research in fields such as epidemiology, the applications of nanotechnologies and nanomaterials, new preventive and therapeutic technologies and interventions and on the cost-effectiveness of infection prevention and control.

HAI in European Union

The point prevalence report²⁹ and the Commission's first implem indicate that Member States should focus their efforts on ensusurveillance of HAI in surgical site infections, intensive care units a and other long-term care facilities.

Further measures by Member States are needed to improve ascertainment of HAI, through the development of national diagnostic guidelines, continued training of healthcare workers in applying case definitions of HAI and the reinforcement of laboratory and other diagnostic capacity in healthcare institutions.

More specifically, the Europe-wide point prevalence survey – highlighted the need to ensure:

- adequate numbers of specialised infection control staff in hospitals and other healthcare institutions
- sufficient isolation capacity for patients infected with clinically relevant microorganisms in acute care hospitals
- standardised surveillance of alcohol hand rub consumption.



PATIENT SAFETY AND HEALTHCARE-ASSOCIATED INFECTIONS

C 438	Official Journal		
	of the European Union		
Volume 57 6 December 2014	English edition Information and Notices		
C 438/7	al Journal of the European Union	EN	6.12.2014

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Council conclusions on patient safety and quality of care, including the prevention and control of healthcare-associated infections and antimicrobial resistance

(2014/C 438/05)

28. INVITES THE MEMBER STATES TO:

- (d) Promote the education and training of healthcare staff on patient safety and healthcare-associated infections, taking into account the relevant work of the ECDC, including the ECDC's technical document 'Core competencies on infection control and hospital hygiene professionals in the European Union' (¹), as well as relevant WHO recommendations, with a view to promoting the availability of appropriately trained staff, including specialised infection control staff, in healthcare settings;
- (e) Encourage health professional organisations to build an inter-professional patient safety culture which allows integrated and high-quality processes of care;

6.12.2014

EN

Council conclusions on patient safety and quality of care, including the prevention and control of healthcare-associated infections and antimicrobial resistance

(2014/C 438/05)

(l) Develop professional guidelines on the prudent use of antibiotics, including the monitoring of prescriptions;

(m) Continue to devote special attention to antimicrobial resistance as stated in the Council Conclusions of 22 June 2012, as well as monitor the consumption of antimicrobial agents and implement the surveillance of antimicrobial resistance, including participation in EU surveillance networks on these issues as coordinated by the European Centre for Disease Prevention and Control and the European Medicines Agency;



Brussels, 11.3.2015 SWD(2015) 59 final

COMMISSION STAFF WORKING DOCUMENT

Progress report on the Action plan against the rising threats from Antimicrobial Resistance

В.	PREVENT MICROBIAL INFECTIONS AND THEIR SPREAD	
Actio	on 4: Strengthen infection prevention and control in healthcare settings	

E. MON	VITORING AND SURVEILLANCE	16
Action 9:	Strengthen surveillance systems on AMR and antimicrobial consumption in human	
medie	cine	16

P8_TA-PROV(2015)0197

Safer healthcare in Europe

European Parliament resolution of 19 May 2015 on safer healthcare in Europe: improving patient safety and fighting antimicrobial resistance (2014/2207(INI))

- 2. Welcomes the improvement of the HAI surveillance system in the EU and the other recent measures put in place by certain Member States to improve general patient safety and reduce the incidence of HAIs, and more particularly the progress made by Member States in developing patient safety strategies and programmes, including patient safety in health legislation, and in developing reporting and learning systems;
- 3. Notes, however, that the second implementation report still shows uneven progress among Member States on patient safety, and regrets the fact that some Member States have obviously slowed down implementation of the Council recommendations among others, possibly as a consequence of financial constraints resulting from the economic crisis;



European Parliament

2014 - 2019

DIRECTIVE 2011/24/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011

on the application of patients' rights in cross-border healthcare

CHAPTER I

GENERAL PROVISIONS

Article 1

Subject matter and scope

1. This Directive provides rules for facilitating the access to safe and high-quality cross-border healthcare and promotes cooperation on healthcare between Member States, in full respect of national competencies in organising and delivering healthcare. This Directive also aims at clarifying its relationship with the existing framework on the coordination of social security systems, Regulation (EC) No 883/2004, with a view to application of patients' rights.



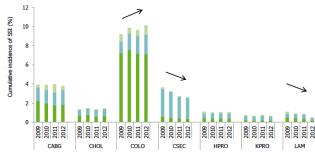
Guidance on organisation of

healthcare-associated and ventilator-associated pneumonia. HAI Net - the ECDC network on HAI surveillance releases new tools

Directory of

Figure 8. Cumulative incidence of surgical site reported infections by year and operation type, EU/EEA, 2009–2012





HAI Surveillance



Antimicrobial resistance and healthcare-associated infections

fe





TECHNICAL DOCUMENT

acute care hospitals

Point prevalence survey of healthcare-associated infections

and antimicrobial use in European

IC/HH training

TECHNICAL DOCUMENT

Core competencies for infection control and hospital hygiene professionals in the European Union

RESEARCH ARTICLES

Euro Surveill. 2014;19(49):pii=20985

Training infection control and hospital hygiene professionals in Europe, 2010: agreed core competencies among 33 European countries

S Brusaferro¹, B Cookson², S Kalenic³, T Cooper⁴, J Fabry⁵, R Gallagher⁶, P Hartemann⁷, K Mannerquist^a, W Popp⁹, G Privitera¹⁰, C Ruef¹¹, P Viale¹², F Coiz⁴, E Fabbro (elisa.fabbro@uniud.it)⁴, C Suetens¹³, C Varela Santos¹⁴, National representatives of the Training in Infection Control in Europe (TRICE) project¹⁵

Area	Domain	Number of competencies
Programmo management	Elaborating and advocating an infection control programme	7
Programme management	Management of an infection control programme, workplan and projects	20
	Contributing to quality management	4
	Contributing to risk management	2
Quality improvement	Performing audits of professional practices and evaluating performance	9
	Infection control training of employees	5
	Contributing to research	2
	Designing a surveillance system	8
Surveillance and Investigation of healthcare-associated infections	Managing (implementation, follow-up, evaluation) a surveillance system	9
	Identifying, investigating and managing outbreaks	7
	Elaborating infection control interventions	14
	Implementing infection control procedures in healthcare	5
Infection control activities	Contributing to reducing antimicrobial resistance	8
Infection control activities	Advising appropriate laboratory testing and use of laboratory data	3
	Decontamination and sterilisation of medical devices	4
	Controlling environmental sources of infections	2





Harmonizing and supporting infection control training in Europe

- S. Brusaferro^{a,*}, L. Arnoldo^a, G. Cattani^a, E. Fabbro^a, B. Cookson^b, R. Gallagher^c, P. Hartemann^d, J. Holt^e, S. Kalenic^f, W. Popp^g,
- G. Privitera^h, V. Prikazskyⁱ, C. Velascoⁱ, C. Suetensⁱ, C. Varela Santosⁱ

training strategy for infection control in the European Union' (TRICE-IS)] that aimed to: define an agreed methodology and standards for the evaluation of IC/HH courses and training programmes; develop a flexible IC/HH taxonomy; and implement an easily accessible web tool in 'Wiki' format for IC/HH professionals. This paper reviews several

ECDC Infection Control / Hospital Hygiene WIKI (in progress)

Sector Field Epidemiology Manual provides a set of core training materials reflecting the essential competencies required by intervention epidemiologists. Follow 360 followers Field Epidemiology Manual CoPs V EPIET FEM Editors Help Home Wiki Content is divided into a number of chapters. Pages in each of the chapters have a latest community version (corresponding to the version of the page that was most recently edited by a member of the FEM), and an expert reviewed version (the last version that was reviewed by a domain expert). Taxonomy Browser expand all / collapse all Assessing the burden of disease and risk assessment © General Communication Intervention © Public Health Informatics – (approved version) ©	Sharing best practice in disea	Bluserena	Villaggi Turistici All	II-Inclusive per Vacanze al M	lare da Sogno Bluserena	FEI
FIEIC EDICEMICIOGY Manual provides a set of core training materials reflecting the essential competencies required by intervention epidemiologists. Field Epidemiology Manual provides a set of core training materials reflecting the essential competencies required by intervention epidemiologists. Field Epidemiology Manual Core V EPIET FEM Editors Help Home Wiki Forums Files Home Wiki Forums Files Home Wiki Forums Files Concomption (the last version that was reviewed by a domain expert). Taxonomy Key Page Title Stub page with no content Page Title Page Title @ Page Titl	onamig best practice in disea	se prevention &	control			Join
Home Wiki Forums Files The FEM Wiki content is divided into a number of chapters. Pages in each of the chapters have a latest community version (corresponding to the version of the page that was most recently edited by a member of the FEM), and an expert reviewed version (the last version that was reviewed by a domain expert). Taxonomy Key Taxonomy Browser Page Title Stub page with no content expand all / collapse all Page Title @ Page Title @ Assessing the burden of disease and risk assessment @ Page Title @ Page Title @ Intervention @ Intervention @ Latest version is expert reviewed Public Health Informatics – (approved version) @	The	e Field Epidemiolo	ogy Manual provides a se	et of core training materials refle		Follow 360 followers
The FEM Wiki content is divided into a number of chapters. Pages in each of the chapters have a latest community version (corresponding to the version of the page that was most recently edited by a member of the FEM), and an expert reviewed version (the last version that was reviewed by a domain expert). Taxonomy Browser expand all / collapse all Assessing the burden of disease and risk assessment C General Communication Intervention C Page Title Intervention Page Title Interventio	Field Epidemiology Manual	CoPs 🗸	EPIET FEM 6	Editors Help		
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Commission

THE EU SINGLE MARKET

European Commission > The EU Single Market > Free movement of professionals

Home

Free movement of professionals

News

Directive 2005/36/EC – policy developments

Directive 2005/36/EC in practice

Database of regulated professions...

Other directives

Infringements and Case law

External studies

Links

Need help?

Free movement of professionals

Do you want to **practise your profession or provide services** in another EU country? Do you need to declare your **profession**al **qualifications** or have them recognised?

On this site, you will find the <u>EU law governing recognition of pro-</u> <u>fessional qualifications</u>, including the directives regulating certain professions.

The site gives detailed explanations of EU legislation covering:

- temporary mobility (temporary provision of services)
- <u>automatic recognition</u> of professional qualifications
- recognition of professional experience in certain activities
- the "general system"

Contact points

There are <u>contact points</u> in every EU country that can give you information on the recognition of your professional qualifications (national law, procedures to be followed) and guide you through the administrative formalities you need to complete. You can also use the onestop shop provided for by the "Services directive".

Cooperation

National authorities may need to cooperate with each other when considering your application for recognition. They may also use the <u>IMI system</u> to facilitate cooperation.



Search on this site

🕨 You Tube 🔊

Quick links

Share

- Database of regulated professions in the EU
- <u>Contact points</u> information and advice on laws and procedures
- <u>User Guide</u> explanation of professional qualifications systems
- <u>SOLVIT network</u> free solutions within 10 weeks
- Your Europe practical information on your rights as a migrant worker
- <u>Single Market Act</u> 12 proposals to make the single market work better for growth, competitiveness and social progress.

"The systematic maintenance, *improvement and continuous* acquisition and/or reinforcement of the lifelong knowledge, skills and competences of health professionals. It is pivotal to meeting patient, health service delivery and individual professional learning needs. The term acknowledges not only the wide ranging competences needed to practise high quality care delivery but also the multi-disciplinary context of patient care."

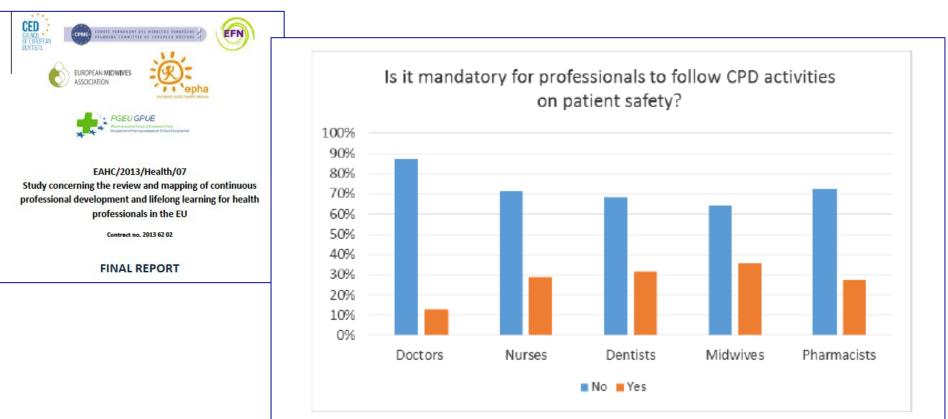
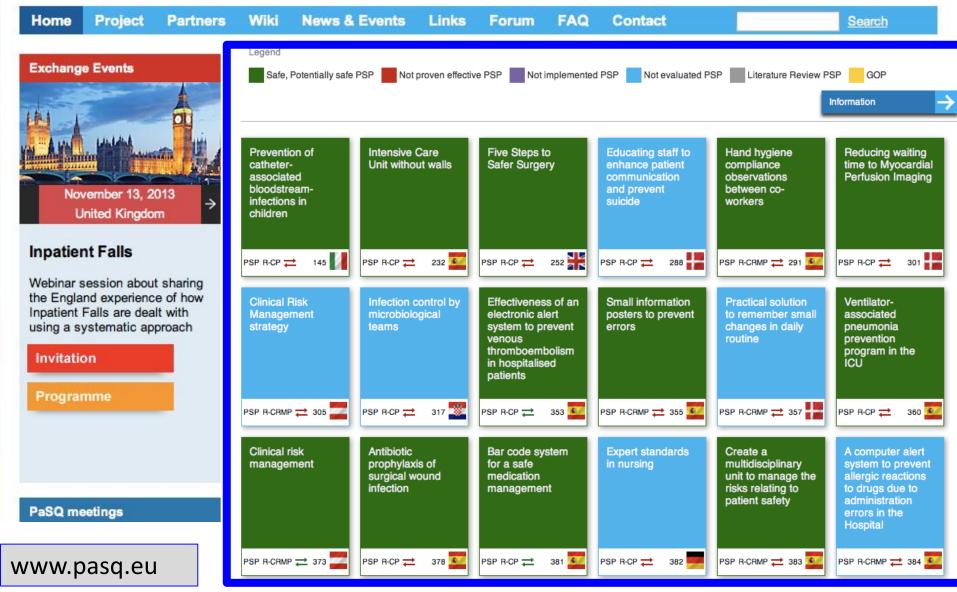


Table 36: Mandatory Patient Safety





Funded by the Health Programme of the European Union



EUNETIPS

The beginning

European network to promote infection prevention for patient safety

Berlin November 2008

DEUTSCHE GESELLSCHAFT FÜR KRANKENHAUSHYGIENE GERMAN SOCIETY OF HOSPITAL HYGIENE

10. INTERNATIONALER KONGRESS

10th INTERNATIONAL CONGRESS



Berlin – Russisches Haus 18. bis 21. April 2010 Berlin – Russian House April 18th to 21st, 2010



EUNETIPS European network to promote infection prevention for patient safety

WELCOME

Welcome

Members

Team

Media

Links

Contact

Documents

Networking

Towards a European network to promote infection prevention for patient safety

In the last years there have been some important EU institutional initiatives that impact on patient safety and specifically on Healthcare Associated Infections (HAI):

- The European Centre for Disease Control and Prevention (ECDC) set a specific team on Healthcare Associated Infections (HAI),
- in 2009 European Commission published a "Council Recommendation on Patient Safety, including the prevention and control of Health-Care Associated Infections" where HAI risk and ways to control it are mentioned specifically,
- In April 2011 European Parliament and the Council formally adopted a Directive on the application of patients' rights in crossborder healthcare, which provides more clarity about possibilities to seek healthcare in another Member State and clarifies who is responsible for quality and safety of care in cross-border settings.
- The European Commission adopted last November 2011 a legislative "Proposal for a new Health Growth Programme" where one of the objectives is increasing access tomedical expertise and information for specific conditions also beyond national bordersand developing shared solutions and guidelines to improve healthcare quality and patient safety.

A number of European scientific and professional societies involved in HAI prevention are convinced that the present epidemiological situation, the frequency of HAI, and cross-border movements of citizens, patients and healthcare staff needs international initiatives particularly at a European

EUNETIPS is representing

8,000 healthcare workers all over Europe

NEWS



Pierre Parneix, member of EUNETIPS board, was elected new president of SF2H! C o n g r a t u l a t i o n s !

A Swedish e-learning program to prevent healthcare associated infections: Standard precautions

www.eunetips.eu

MEMBER SOCIETIES

MEMBER	S 0 C	IETIE	S select cou	•	24 scientific and
L	inks to:	institution	member profile		
Belgium		BICS	Belgian Infection Control Society		professional
Bulgaria		NCIPD BAPD	National HAI Reference Centre, National Centre Infection & Parasitic Bulgarian Association For Patients' Defense		societies
			Bulgarian Association For Prevention and Infection Control	•	More than 8.000
Croatia			Croatian Society for Medical Microbiology and Parasitology, Section for HCAI Prevention and Control		IC/HH
Denmark	-+	FSFH DSKM	Danish Society for Infection Control Nurses Danish Society of Clinical Microbiology		professionals
France		SF2H	French Society of Hospital Hygiene		
Germany		DGKH	German Society of Hospital Hygiene		
Hungary			Hungarian Society for Infection Control		
Italy		SIMPIOS SItI	 S Italian Multidisciplinary Society for the Prevention of Infections in Healthcare Organizations SOCIETÀ ITALIANA DI IGIENE Medicina Preventiva e Sanità Pubblica 		
Kosovo		NIPH	National Institute of Public Health Kosova		
Malta	*		MALTA College of pathologists		
Netherlands		VHIG	Dutch Society of Infection Prevention and Control in the Health Care	e Sett	ing
Portugal	()	APIH	Associação Portuguesa de Infecção Hospitalar		
Romania		RSM	Romania Society of Microbiology		
Serbia	Ŵ	SAPIC	Serbian Association of Prevention and Infection Control		
Spain		SEMPSPH	PSPH Spanish Society for Prevention Medicine, Public Health and Hospital Hygiene		
Sweden		SAIC	Swedish Association for Infection Control		
United Kingdom		BIA His Ips RCN	British Infection Association Healthcare Infection Society Infektion Prevention Society Royal College of Nursing	Ί	PS European network to promote infection prevention for patient safety

Undergraduate level/Post graduate level/Continuous Professional Development	European Credit Transfer System (ECTS)	Timing		
and Continuing Learning				
Medicine and Surgery,	- at least 1 ECTS on prevention	- at the very beginning of field		
Dental Medicine	and control of infectious risk and hospital hygiene;	attachment to healthcare organizations		
	- at least 1 ECTS on patient safety	- at the last term before graduation		
Bachelor and Master of	1	- at the very beginning of field		
Health Professions	and control of infectious risk and hospital hygiene;	attachment to healthcare organizations		
	- at least 1 ECTS on patient safety	- at the last term before graduation		
Bachelor and Master in:	- at least 1 ECTS on prevention	- at the last term before graduation		
- Biological sciences	and control of infectious risk			
- Biotechnology	and hospital hygiene;			
- Pharmaceutical sciences and technologies	EUNETIPS draft proposal to			
- Pharmacy and Industrial	European Countries for IC/IIII			
Pharmacy		training		

Post graduate level – Public Health Specialization/Master degree	- at least 3 ECTS on patient safety and on prevention and control of infectious risk and hospital hygiene	- to be in accordance with specific curricula
Post graduate level – other medical and non-medical Schools of Specialization /Master degrees	- at least 3 ECTS on patient safety and on prevention and control of infectious risk and hospital hygiene, to be in accordance with specific curricula	- to be in accordance with specific curricula
e	- from 10 ECTS (Educational courses) to 60 ECTS (Master	
Educational courses specific		
on patient safety and HAI control		
ContinuousProfessionalEducation/Learning	- at least 1 ECTS	- every 3 years

EUNETIPS draft proposal to European Countries for IC/HH training

EUNETIPS

European network to promote infection prevention for patient safety

Plans and activities

Promotion of shared positions

Web site www.eunetips.eu

Lobbying at international level

Shared knowledge about societies

Sharing documents, video, etc

European network to promote infection prevention for patient safety

Promotion of studies, training initiatives, etc.

Topics

• Issues influencing IC/HH in Europe

• Patient safety and HAI prevention and control is in progress...

 Possible areas for learning and improvement

		Need for EU
Area	Domain	Cooperation/Support
Alcu	boman	n=30
		rank by frequency
1. Programme	Elaborating and advocating an infection control programme.	5. 23.3% (7)
management	Management of an infection control programme, work plan and project.	3. 33.3% (10)
	Contributing to quality management	4. 26.6% (8)
	Contributing to risk management	2. 36.7% (11)
2. Quality improvement	Performing audits of professional practices and evaluating performance	2. 36.7% (11)
	Infection control training of employees	4. 26.6% (8)
	Contributing to research	1. 10.0% (12)
2. Cumusillanaa	Designing a surveillance system	6. 16.7% (5)
3. Surveillance and	Managing (implementation, follow up, evaluation) a surveillance system	236.7% (11)
Investigation of HAIs	Identifying, investigating and managing outbreaks	3. 33.3% (10)
	Elaborating Infection Control Interventions	5. 23.3% (7)
	Implementing Infection Control Healthcare procedures	4. 26.6% (8)
4. Infection	Contributing to reducing antimicrobial resistance (AMR)	3. 33.3% (10)
Control Activities	Advising appropriate laboratory testing and use of laboratory data	6. 16.7% (5)
	Decontamination and sterilization of medical devices	5. 23.3% (7)
	Controlling environmental sources of infections	5. 23.3% (7)

Т R С Ε S 2 0 1 4

Coordination and synergy at European, national and regional level

- Among different stakeholders
 - EU
 - Member states
 - Regions
 - European and national agencies
 - Scientific and professional societies
 - Academic institutions
- With other sectors
 - Insurances
 - professionals and patients cross border movement
 - Etc.

Safety is one:

- Building bridges between the "two worlds"
 - Patient safety
 - HAI prevention and control

- Sharing of Best Practices
 - i.e. BPs Repository

"cross contamination" of methods and tools

We should move towards shared standards in Europe

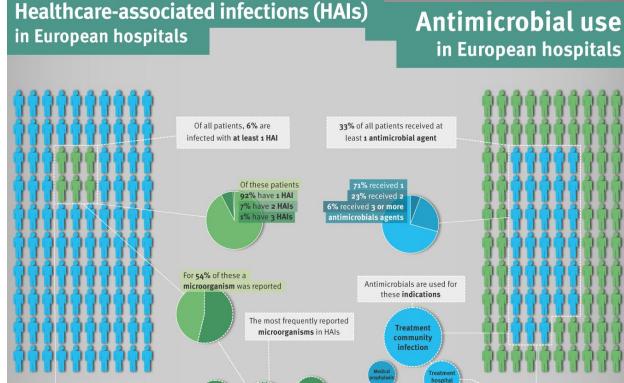
- Development and endorsement of "basic" standards" for
 - Patient safety
 - HAI prevention and control
 - Quality of care
- Engaging stake holders
 - Professional bodies
 - Scientific and professional societies
 - Insurances
 - Public and private organizations
 - Etc.

Training healthcare professionals

- Infection Control /Hospital Hygiene training for professionals
 - ECTS (European Credit Transfer and Accumulation System) adoption
 - All HCWs
 - Minimum credits amount for all HCWs
 - Pre graduation
 - Post graduation
 - Continuous Professional Education
 - IC/HH Professional (ECDC Core Competencies)
 - Standardized training
 - Core Competencies recognition

- Complexity
- Standardization
- Measurement
- Action
- Education / Training

EUNETIPS



- Awareness
 - Alliance
- Involvement
- Empowerment

Thank you for your attention!

European network

for patient safety

to promote infection prevention