



EU2009.CZ

Examples of excellence in
particular Member States:

Role of hospital management

Guy PEETERS MD

Academisch Ziekenhuis Maastricht azM (NL)



European Association of Hospital Managers EAHM



Main questions for the manager

- Are HCAs a main concern of the manager?
- What should and can the manager do?
- What is being done in Maastricht / the Netherlands?

- **Hospitality in a hospital** means: “Be welcome, it is safe here!”
- **Primum non nocere !**
- It is the task of the management to house the guests in a safe place!

Recent prevalence studies of Nosocomial Infections in industrialized countries*

	NI Prevalence (%)	Hospitals (N)	Patients (N)
EU MSs (15)	3.5 – 9.5	4271*	812801
Norway	6.8	53	11359
Switzerland	8.1	60	7540
Canada	10.5	25	5750
Mean/total	7.1	4409	837450

* After ECDC, 2008

Burden of Nosocomial Infections in the EU*

- 4,500,000 NI in the EU p.a.
- 37,000 deaths caused directly by NI (Pneum., BS)
- NI contribute to 110,000 additional deaths
- NI cause 16 million extra hospital days
- Costs are € 7 billion, not considering indirect costs (income loss, pain and suffering)

* ECDC, 2008

The situation is worrying:

- Insufficient compliance with hand hygiene and other infection prevention and control practices
- Sub-optimal staff to patient ratios
- Incorrect use of indwelling devices by healthcare staff
- Inappropriate use of antimicrobial agents

...and the trend is worrying:

- Increased bed occupancy
- Increased movements of patients within and between health care systems
- Ageing patient population

What must the hospital manager do?

First of all **take away the misconceptions** about the control of NI:

“..NI are inevitable and their control is very expensive..”

“..the problem of antibiotic-resistant NI cannot be controlled to any meaningful degree, since AMR is a natural and inevitable consequence of antibiotic use”

How should the manager do this?

1. **Education** of all health care workers to increase awareness of the risks of HCAI
2. Implementation of a meticulous **hand hygiene / disinfection** protocol for all health care workers
3. Implementation of an **antibiotic policy**

Education (1)

- About common causative agents, route of transmission and effective prevention
- Ward specific problems
- Program must be set up with infection control physician, infection control nurse, care workers of the wards

Education (2)

- The education program must be **repeated on a regular base**
- Offer it actively to the staff; attendance should be **mandatory**
- **Commitment** of ward management and higher echelon is pivotal

Hand hygiene programme

- Hand cleansing is the most effective control measure (up to 40% less infections), but its practice is notably poor, **especially among doctors!!**
- Make this a **hospital-wide priority**, supported by medical and nursing directors and approval of the **senior hospital management**

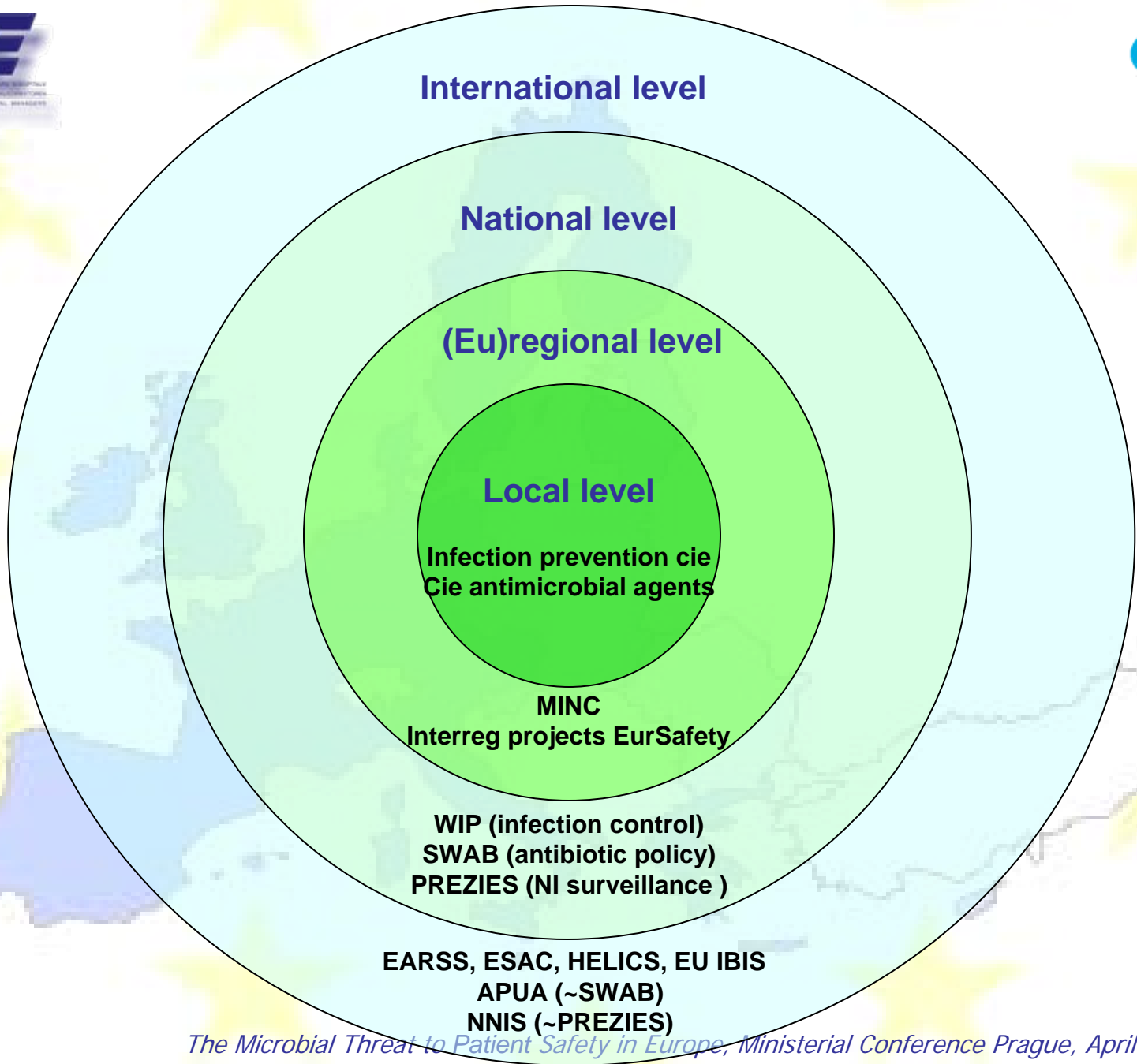
Implementation of an antibiotic policy protocol

- Every hospital should appoint a committee with representatives of prescribers and advisors
- with antibiotic policy as its sole responsibility

Participate in regional, national and international networks

- Networks of hospital microbiologists, infection control nurses and public health infectionists
- For surveillance and (online) data gathering
- For improvement protocols
- Participation required by health authorities?!

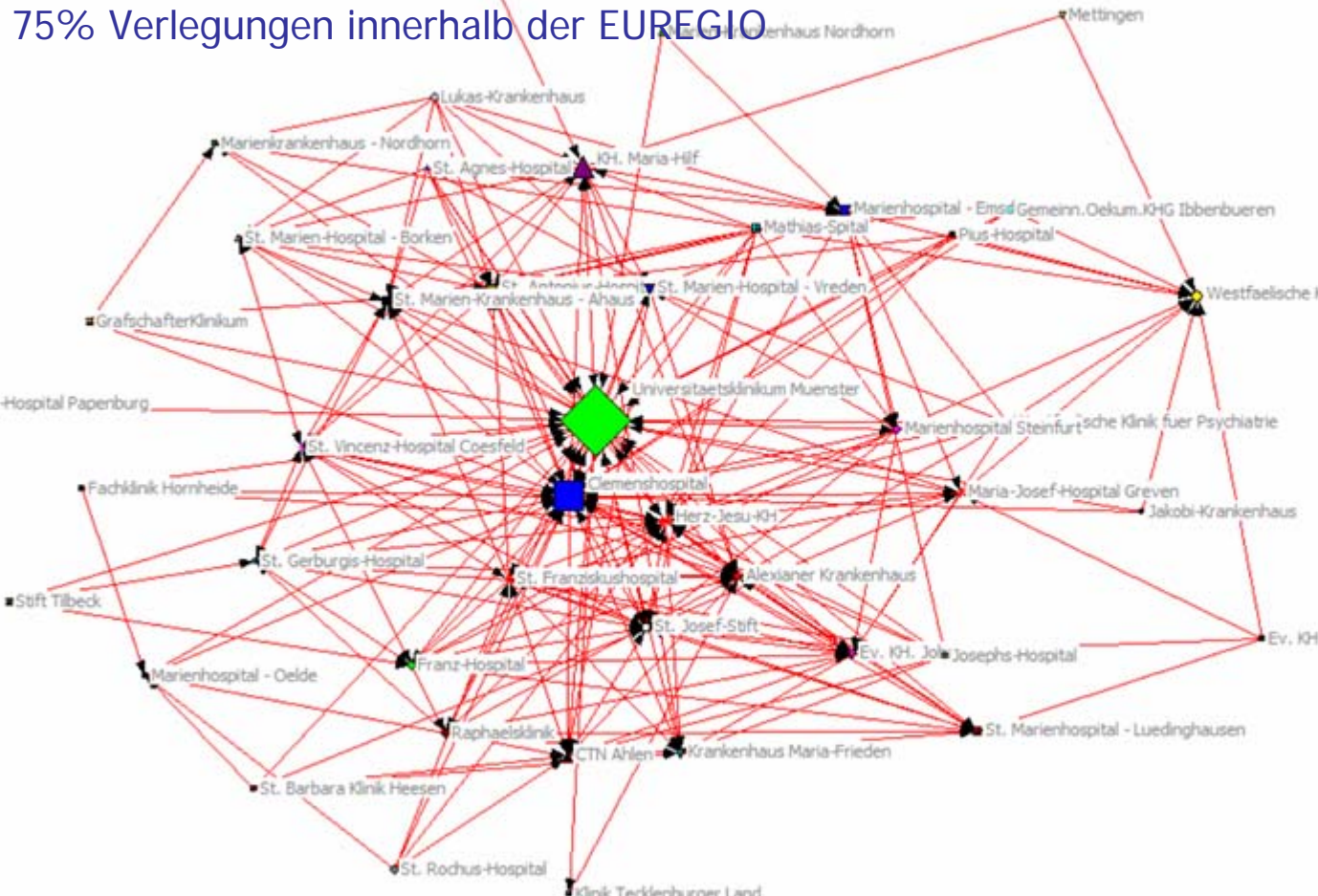




Patientenverlegungen in der EUREGIO (Netzwerk der Zuverleger)

Verlegungen von Patienten in deutschen EUREGIO-KH in 2005 (qualitativ)

75% Verlegungen innerhalb der EUREGIO



Hospital Name	Degree	Nr
universitaetsklinikum Muenster	37.000	
Clemenshospital	31.000	
Herz-Jesu-KH	23.000	
St. Franziskushospital	17.000	
St. Antonius-Hospital	17.000	
St. Josef-Stift	16.000	
Alexianer Krankenhaus	15.000	
Marienhospital - Emsdetten	14.000	
Ev. KH. Johannesstift	14.000	
KH. Maria-Hilf	14.000	
St. Marien-Hospital - Vreden	13.000	
St. Marien-Krankenhaus - Ahaus	13.000	
St. Vincenz-Hospital Coesfeld	13.000	
Franz-Hospital	12.000	
CTN Ahlen	11.000	
St. Gerburgis-Hospital	11.000	
Krankenhaus Maria-Frieden	10.000	
Mathias-Spital	10.000	
St. Marienhospital - Luedinghausen	10.000	
Maria-Josef-Hospital Greven	10.000	
westfaelische klinik fuer Psychiatrie - Lengerich	10.000	
Marienhospital steinfurt	10.000	
Raphaelsklinik	9.000	
St. Marien-Hospital - Borken	9.000	
Lukas-Krankenhaus	8.000	
westfaelische Klinik fuer Psychiatrie	8.000	
St. Agnes-Hospital	8.000	
Josephs-Hospital	8.000	
Marienhospital - Oelde	6.000	
St. Rochus-Hospital	5.000	
St. Barbara Klinik Heesen	5.000	
Gemeinn.Oekum.KHG Ibbenbueren	5.000	
Marien-Krankenhaus - Nordhorn	5.000	
Pius-Hospital	5.000	
Fachklinik Hornheide	4.000	
Ev. KH Lengerich	4.000	
GrafschafterKlinikum	4.000	
stift Tilbeck	3.000	
Jakobi-Krankenhaus	3.000	
Marien-Krankenhaus Nordhorn	2.000	
Mettingen	2.000	
Klinik Tecklenburger Land	2.000	
Marien-Hospital Papenburg	1.000	
Ludmilenstift Meppen	1.000	
Herz-Diabetes Zentrum Bad Oeynhausen	0.000	

A. Friedrich, 2008

Data analysed with UCINET 6
MRSA-net unpublished data



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MRSA and MRSH