



Dear Urologists, Colleagues and Friends, please join the GPIU 2009 !

EUROPEAN SECTION FOR INFECTIONS IN UROLOGY (ESIU/EAU)

*Study protocol
2009*

GLOBAL PREVALENCE STUDY ON INFECTIONS IN UROLOGY

(GPIU-STUDY)

www.uroweb.org/gpiu2009 (after 15 Oct, 2009)

Contact persons:

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The GPIU-study is performed in collaboration with
International Society for Chemotherapy of Infection and of Cancer (ISC)
Federation of European Societies of Chemotherapy and of Infection (FESCI)
Asian Association of UTI/STD (AAUS)
Interregional Association of Clinical Microbiology and
Antimicrobial Chemotherapy (IACMAC)
Western Pacific Society of Chemotherapy (WPSC)
and many other national scientific societies

Introduction

Hospital acquired infections pose a serious threat to urological patients. Increasing antimicrobial resistance is a cause of concern. Pathogens do not respect geographical borders. The prevalence of NAUTI is an important quality parameter and a legal issue.

Prevention of NAUTI requires both local and international monitoring.

The GPIU-study is an international internet-based study carried out by means of UROWEB. All patient information will be reported anonymously to the central study file.

All investigators get their separate study page where their patients are listed anonymously according to subject numbers.

Aims of study

Primary aims:

To determine

- **the prevalence of nosocomially (hospital) acquired urinary tract infections (according to CDC criteria), as well as urinary tract infections at the time of admission**
- **the pathogens involved and their resistance patterns**
- **the prevalence of surgical site infections (SSI) in urology clinics**
- **the risk factors which may facilitate the occurrence of NAUTIs**
- **the use of antibiotics for prophylaxis and treatment of UTI**

in Urology Departments throughout the world.

***To provide* scientific data on urinary tract infections for research studies.**

***To provide* important information on the quality of hospital health care.**

Secondary aims:

To offer participating Urology Departments and urologists:

- **an instrument for quality control of NAUTI**
- **the chance to acquire ESIU/EAU Certificate for infection control**
- **EU-ACME credit points**

Methods

Study day

The Study-day is one of the following days:

Nov. 3-5, Nov. 10-12, Nov. 17-19, Nov 24-26, 2009.

Each urology department chooses freely the day that fits best for them.

Registration of investigators

Study-report forms will be available through the UROWEB on www.uroweb.org/gpiu2009 after 15 Oct, 2009.

Investigators are supposed to register, and will be given hospital number and patient identification numbers through the study website.

Completed forms are submitted to a study file on the same uroweb-site or by regular mail to the ESIU/EAU Central Office, P.O.Box 30016, NL-6803 AA

Arnhem, The Netherlands, within Dec. 31, 2009.

Parameters to be registered

Three registration forms are to be filled in, A and B.

Form A is the hospital registration form that gives information about the population of patients hospitalised in the Urology Departments on Study-day.

Form B is to be filled in for each patient with UTI/NAUTI according to CDC criteria.

Form C is to be filled in for each patient with SSI.

Definitions of all relevant parameters are included in the GPIU-study application and are available by means of help buttons.

Benefits

Local investigators can read accumulated results from their own hospital and compare them to average results of other hospitals. The statistics will be generated automatically after the deadline for submission of report forms.

The data program will accumulate results for several years (as long as the study lasts) and offer (graphical) presentations of the development in incidence, resistance patterns etc. over time.

Urology Departments that take part in the GPIU-study will be awarded the ESIU/EAU Certificate for infection control.

All investigators (one of each centre) will receive copies of presentations of study results and will be acknowledged in publications from the study.

Publications based on the PEAP/GPIU-studies

- 1. Bjerklund Johansen TE, Cek M, Naber KG, Stratchounski L, Svendsen M, Tenke P on behalf of the PEP and PEAP-study investigators and the board of the European Society of Infections in Urology. Hospital acquired urinary tract infections in urology departments: Pathogens, susceptibility and use of antibiotics. Data from the PEP and PEAP-studies. IJAA 2006;28S: S91-S107.**
- 2. Bjerklund Johansen TE, Cek M, Naber KG, Stratchounski L, Svendsen M, Tenke P on behalf of the PEP and PEAP-study investigators and the board of the European Society of Infections in Urology. Prevalence of Hospital-Acquired Urinary Tract Infections in Urology departments. Eur Urol 2007; 51:1100-1112**
- 3. Bjerklund Johansen TE, Cek M, Naber K, Svendsen M, Grabe M, Tenke P. Important features of nosocomial urinary tract infections in urology departments. Data from the PEP and PEAP-studies. Eur Urol 2007: Suppl 6(2):23**

October, 15, 2009

On behalf of the ESIU-board

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