

Focus on Hospital Infection Control - MDR-Organisms and Clostridium difficile

Markus Hell,
Zentrum für
Krankenhaushygiene und
Infektionskontrolle,
Universitätsklinik Salzburg,
Müllner Hauptstrasse 48,
A-5020 Salzburg, AUSTRIA
Phone: +43 662 4482 4418
Fax: +43 662 4482 4438
Email: m.hell@salk.at



ESCMID OBSERVERSHIP AT THE UNIVERSITY HOSPITAL SALZBURG, AUSTRIA

Goals of Observership

MDR-Organisms and CDI-Management:

Providing a stimulating and interdisciplinary environment for learning and discussing current concepts and controversies in *Clostridium difficile* infection (CDI) and management of MDR-organisms associated infection.

Opportunities for Observers

- Participate in daily clinical and infection control activities of an interdisciplinary team of infection control-, infectious diseases-, clinical microbiology- and pharmacology-consultants.
- Learn about the organization of infection control, education systems and research.
- Get involved in ongoing surveillance programs of nosocomial infections.
- Establish new contacts and foster international exchange.

Infection Control Activities

Typical week in infection control department:

- Morning meeting of the infection control team
- Discussion of clinical cases: Infection control measures and antibiotic treatment
- Clinical rounds on ICUs, surgical and other wards
- Daily active scan for patients with MDROs and/or infectious diseases with subsequent counseling of clinical staff

Location of the host institution:



Staff (No. of persons):

- Infection control team: 13
 - 3 Physicians
 - 6 Infection Control Nurses
 - 1 ICP/Lab-Technician
 - Spezialized technician for reprocessing of medical devices
 - Office manager
- Clinical microbiology: 25
- ID specialists: 7

Languages: English ,German and Portuguese

Activity Plan

For one day: Presentation of the infection control service and surveillance programs.

Meetings with managerial staff, responsible for patients in isolation units and ICUs.

For one week: In addition, participation at clinical rounds.

For one month: In addition, involvement in research projects and participating in clinical epidemiological studies, monitoring of environmental hygiene requirements and medical devices reprocessing issues.

Depending on current projects: hygiene aspects and problems in construction projects.

Research on Clostridium difficile

Laboratory studies (applied research):

- Optimization of routine diagnostics: Direct toxin testing of stool samples versus PCR (inhouse /commercial) versus culture techniques.
- Molecular epidemiology projects in cooperation with the reference laboratory in vienna.

Clinical epidemiological studies:

- Intervention studies of the efficacy of new surface disinfection concepts on the incidence of nosocomial CDI.

Cohort studies:

- Including CDI infections involving haemato-oncologic patients, inflammatory bowel disease (IBD)-patients and other patient groups.

Prospective- and retrospective studies:

- Evaluation of efficacy of probiotics as prophylaxis and adjunctive therapy in patients with CDI.

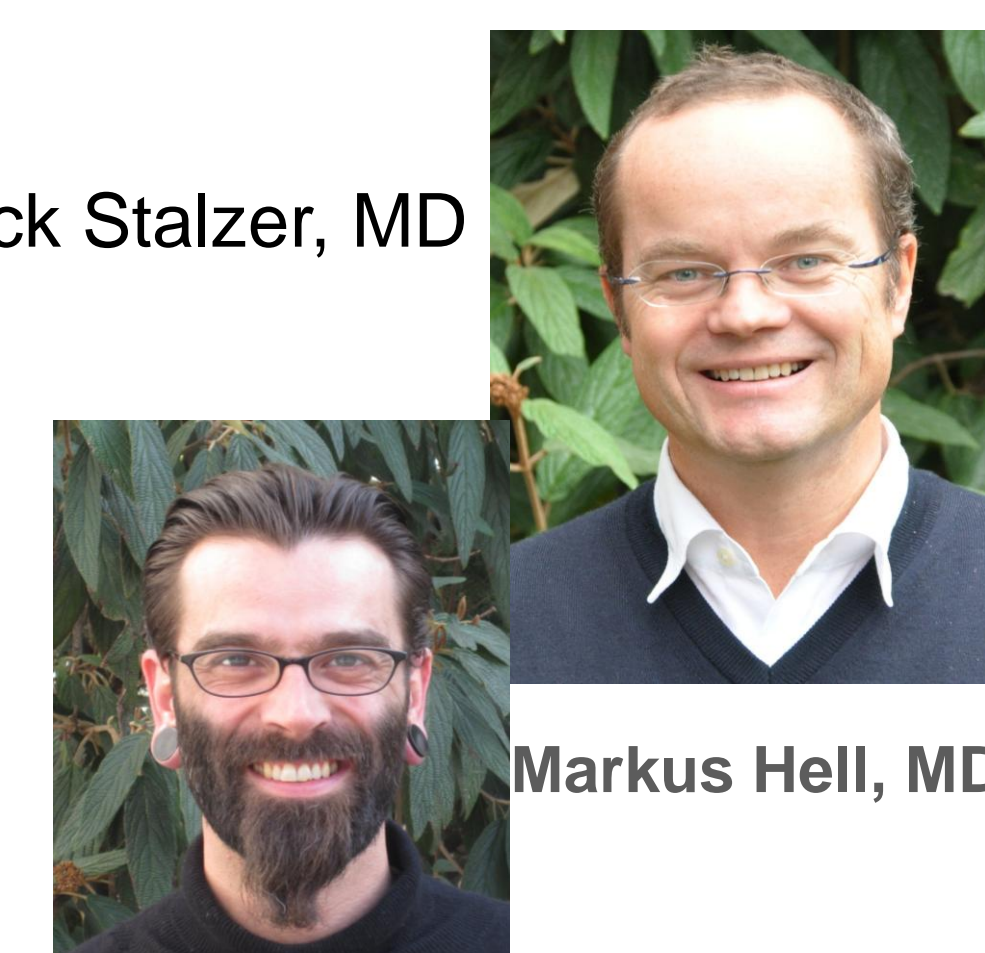
Travel & Accommodation

- **International airports** near Salzburg:
 - Munich, Josef Strauss airport (120 km)
 - Vienna International airport (300 km)
 - Local airport Wolfgang Amadeus Mozart Salzburg; connected flights via Frankfurt, Duesseldorf, Zurich or Vienna
- **Rail:** Direct trains connect Salzburg with most European cities.
- **Accommodation:** The hospital runs a small hostel for visitors. Rooms are subject to availability. If necessary, we will help you to find another accomodation.
- **Further information:** www.salzburg.info

Paracelsus Medizinische Privatuniversität - PMU
Salzburger Landeskliniken | www.salk.at
Department of Hospital Epidemiology and Infection Control
Zentrum für Krankenhaushygiene und Infektionskontrolle der SALK
Müllner Hauptstrasse 48 | A – 5020 Salzburg

Professional issues: Assoc.-Prof. Markus Hell, MD or Patrick Stalzer, MD
Phone: +43 662 4482 4418, Fax: +43 662 4482 4438
E-Mail: m.hell@salk.at; p.stalzer@salk.at

Administrative issues: Ms Evelyn Hefner
Phone: +43 662 4482 57134, Fax: +43 662 4482 4438
E-Mail: e.hefner@salk.at



Markus Hell, MD

Patrick Stalzer, MD