

ICPIC 2017



Final Programme

4th



International Conference on Prevention & Infection Control

20 June to
23 June 2017
Geneva,
Switzerland
WWW.ICPIC2017.COM

HUG Hôpitaux
Universitaires
Genève

University of Geneva Hospitals
and Faculty of Medicine, Geneva, Switzerland



WHO Collaborating Centre
on Patient Safety
Infection Control & Improving Practices

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ICPIC 2019



5th

Save the date! International Conference on Prevention & Infection Control

10-13
September
2019
Geneva
Switzerland

WWW.ICPIC2019.COM



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Universitaires
Genève

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and Faculty of Medicine, Geneva, Switzerland



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Welcome Address

Welcome to Geneva!

By now, ICPIC has become an established entity in the field of international Infection Control and Prevention meetings, with more than 1000 participants from 100+ countries for the prior 3 meetings. As a result, the 4th ICPIC also offers a unique forum for the exchange of knowledge and experience in the prevention of healthcare-associated infections and control of antimicrobial resistance around the world. Unless (new) emerging infections posing a public health threat arise, as it was the case during ICPIC 2015 with Ebola, the prevention and control of antimicrobial resistance remains the foremost global threat confronting all countries alike. Once again, ICPIC will provide the necessary platform to share knowledge and exchange experience with regard to antimicrobial resistance and the prevention of healthcare-associated infections in general.

The current organizing/program committee now includes representatives from the European Society for Clinical Microbiology and Infectious Diseases (ESCMID), the Society for Healthcare Epidemiology of America (SHEA), the Asia Pacific Society of Infection Control (APSIC), the Infection Control Africa Network (ICAN) and the World Health Organization (WHO) to mobilize even more world experts and key opinion leaders to share their knowledge and expertise. ICPIC keynotes, symposia, Pro-Con debate, free-papers and meet-the-expert sessions continue, as the unique and very popular Prix Hubert Tuor - ICPIC Innovation Academy, and ICPIC video contest. While retaining the elements that led to the success of the first three ICPIC summits, and continue to boost the possibilities for exchange with your peers, we will surprise you again with new features, too.

We wish you a successful ICPIC 2017!



Prof. Didier Pittet
ICPIC Chair

Prof. Andreas Voss
Co-chair &
Programme director

Prof. Stephan Harbarth
Co-chair

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ICPIC 2017 would like to sincerely thank the University Hospitals of Geneva for their invaluable support.



University of Geneva Hospitals
and Faculty of Medicine, Geneva, Switzerland



WHO Collaborating Centre
on Patient Safety
Infection Control & Improving Practices



HARTMANN

Going further
for health



Partnering with clinics to lift them to a higher level

Staff and patient protection lies at the core of our scientific commitment, based on the examination of infection risks and the development of quality products and targeted prevention methods.

Get to know our **Hand Hygiene Evolution Concept** – a multi-modal approach to systematically enhance compliance in hospital hygiene.

Come and meet us at our stand.



**Research for
infection protection**
bode-science-center.com

Committees

Organizers

Didier Pittet, Geneva
Stephan Harbarth, Geneva
Andreas Voss, Nijmegen

Scientific Advisory Board

Members of the scientific advisory board were actively involved in suggesting sessions and helping to plan a coherent and innovative programme. All members also took part in the abstract review process.

Local Support Team

The local support team is a multidisciplinary team from Geneva providing logistical assistance to the scientific committee.

Esther Bettoli
Tcheun-How Borzykowski
Fabricio da Liberdade Jantarada
Claude Ginet
Rosalie Kacou Adom

Benedetta Allegranzi, WHO
Philippe Eggimann, Switzerland
Petra Gastmeier, Germany
Stephan Harbarth, Switzerland
Loreen Herwaldt, US
Moi Lin Ling, Singapore
Didier Pittet, Switzerland
Evelina Tacconelli, Italy
Andreas Voss, The Netherlands
Walter Zingg, Switzerland

Abstract Reviewers

Mohamed Abbas (CH)	Philippe Eggimann (CH)	Romain Martischang (CH)
Alexander Aiken (UK)	Sergey Eremin (CH)	Aliki Metsini (CH)
Werner Albrich (CH)	Petra Gastmeier (DE)	Daniela Pires (CH)
Benedetta Allegranzi (WHO)	Stefan Hagel (DE)	Didier Pittet (CH)
Paul Anantharajah Tambyah (SG)	Sonja Hansen (DE)	Jacky Reilly (UK)
Le Thi Anh Thu (VT)	Stephan Harbarth (CH)	Hugo Sax (CH)
Fernando Bellissimo (BR)	Loreen Herwaldt (US)	Manuel Schibler (CH)
Esther Bettoli (CH)	Benedikt Huttner (CH)	Julie Storr (UK)
Marc Bonten (NL)	Anne Iten (CH)	Evelina Tacconelli (DE)
Micheal Borg (MT)	Nordiah Jalil (MY)	Ermira Tartari (CH)
Phil Carling (US)	Bill Jarvis (US)	Jean-François Timsit (FR)
Enrique Castro Sanchez (UK)	John Jernigan (US)	Funda Timurkaynak (TR)
Vincent Cheng (HK)	Claire Kilpatrick (WHO)	Margret Vos (NL)
John Conly (CA)	Jan Kluytmans (NL)	Andreas Voss (NL)
Nizam Damani (UK)	Caroline Landelle (FR)	Jiancong Wang (CH)
Marlieke de Kraker (CH)	Moi Lin Ling (SG)	Walter Zingg (CH)

ICPIC wishes to express its thanks to the abstract reviewers for their work and collaboration

General Information

CONFERENCE DATE

The conference opens on Tuesday 20 June 2017 and closes on Friday 23 June 2017.

CONFERENCE VENUE AND LOCATION

The 4th International Conference on Infection and Prevention Control - ICPIC 2017 is taking place at the International Conference Centre Geneva (CICG) located near the United Nations and the airport, and only 10 minutes from the city centre on a convenient bus route.

International Conference Centre Geneva (CICG)
17, Rue de Varembé
CH-1202 Geneva
Switzerland

How to get there:

From the main railway station "Gare Cornavin":

- Bus n° 5: stop "Vermont" (5 mins)
- Bus F: stop "Varembé" (5 mins)
- Tramway n° 15: stop "Nations" (6 mins)

From the international airport "Genève Cointrin":

- Bus n° 5: stop "Vermont" (13 mins)

REGISTRATION DESK OPENING HOURS

Tuesday 20 June	10:00 - 20:00
Wednesday 21 June	07:30 - 18:30
Thursday 22 June	07:30 - 18:30
Friday 23 June	07:30 - 12:00

CONFERENCE ORGANISER

MCI Suisse SA has been selected by ICPIC as the official conference organizer to process registrations, hotel reservations, abstract management, exhibition and sponsorship. All correspondence should be sent to:

ICPIC 2017

c/o MCI Suisse SA
9 rue du Pré-Bouvier
CH-1242 Satigny
Switzerland
Tel. +41 22 33 99 577
Fax +41 22 33 99 651
Email: icpic@mci-group.com



CASH MACHINE

Cash machines are available near the conference venue at the post office or the UBS bank.

CELLULAR PHONES AND PAGERS

As a courtesy to all conference attendees and speakers, cellular phones, pagers and other electronic devices must be operated in silent or vibration mode during sessions. No cellular phone conversations are permitted during sessions.

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be sent by email (to the email address provided during the registration process) to all duly registered participants, after the conference.

CONTINUING MEDICAL EDUCATION (CME) CREDITS

The 4th ICPIC has applied for CME accreditation with UEMS-EACCME®. The application is under review and the results will be announced as soon as released.

CONFERENCE APP

Get all the information you need on your fingertips with the ICPIC 2017 mobile app.

It is available for free on iOS and Android.



Download app
on Google Play



Download app
on iTunes

CONFERENCE DOCUMENTS AND BADGES

Conference documents should be collected onsite at the registration desk at the CICG. Name badges must be worn visibly at all times during the conference and in the exhibition area.

CONFERENCE NEWS - JOIN THE CONVERSATION

ICPIC 2017 has created dedicated Facebook and Twitter pages, to keep you updated on the latest conference news. Join us on Facebook & Follow us on Twitter!



Participants are invited to do live Twitting during the conference, special seats are reserved in session rooms for this usage.

FOOD AND BEVERAGE

Complimentary coffee and tea is served in the exhibition area during official coffee breaks. Lunch is provided on Wednesday and Thursday. A cafeteria and bar are available in the conference centre.

GENEVA

Geneva enjoys a worldwide reputation as a conference city; it embodies the creativity of science and technology, a vigorous business sector, and has a special cultural appeal with unmistakable flair and charm. Draped around the deep blue waters of Lac Léman, Geneva has grown wealthy and influential as the cultural and economic focus of French-speaking Switzerland. It is also an international city and home to many global institutions from the International Red Cross to the WHO! Information on Geneva is available at the registration area.

GETTING AROUND IN GENEVA

Geneva's centre is small enough to walk around. For the suburbs you will need to take a tram or bus. Daily passes are provided free of charge to Geneva hotel guests, courtesy of the Geneva Tourist Board.

INTERNET

An internet corner is located in the exhibition area. Wi-Fi connexion is also available in the conference venue. Wireless internet access is available to all participants in the conference venue. Personal access codes are provided together with the badge and here below:

Username: **ICPIC** / Password: **GE2017**

LANGUAGES

The official conference language is English. No simultaneous interpretation will be provided.

ONLINE PROGRAMME

The full scientific programme is available on the ICPIC website offering the possibility to create and download your personal schedule.

SMOKING POLICY

The conference venue is entirely non-smoking.

SURVEY / CONFERENCE EVALUATION

We would be grateful if you could take a few minutes to answer an online survey that will be sent to you shortly after the conference. Your valuable feedback will help us to improve the organisation and quality of the next ICPIC Conference.

TRAVEL INSURANCE

It is recommended that participants obtain adequate cover for travel, health and accident insurance before they depart from their countries. ICPIC and MCI as organizers cannot accept responsibility for personal injuries, or loss of, or damage to, private property belonging to the delegates.

Scientific Information

POSTERS & GUIDED POSTER TOURS

Scientific and special posters are located in the poster areas on level 1 and level -1. Authors of accepted posters are requested to be at their poster to enable discussion during the official poster viewing times:

Wednesday 21 June 13:15 - 14:15

Thursday 22 June 13:15 - 14:15

Adhesive stickers and hanging materials are available at the poster desk located near to the poster area.

Guided poster tours on selected topics are taking place during lunch break on Wednesday and Thursday.

For further information refer to page 18 and 34.

SPEAKERS PREVIEW ROOM

The Speakers Preview Room is located behind Room 1 on level 1 and is open at the following hours:

Tuesday 20 June 10:00 - 20:00

Wednesday 21 June 07:30 - 18:30

Thursday 22 June 07:30 - 18:30

Friday 23 June 07:30 - 12:00

All speakers are requested to upload their presentation at least 2 hours before their session, or the day before for the early morning sessions.

Networking Events

MEET & GREET RECEPTION

Tuesday 20 June, 19:00 - 20:00 at the conference venue

All registered participants are cordially invited to use the opportunity to meet with colleagues from all over the world.



FACULTY DINNER

Wednesday 21 June, 20:00 - 23:00

Upon invitation only

LATIN-AMERICA NIGHT

Thursday 22 June, 18:30 - 22:00 at the conference venue

All registered participants are cordially invited to continue the discussions inspired by posters and presentations during the day. The theme of the evening is Latin American culture. Network with colleagues from all around the world in a relaxed atmosphere. No matter your origin, please come dressed in a Latin American outfit, show your singer's talent at karaoke and enjoy the sounds of Latin American music, Samba dancers and food! The best outfit and best karaoke performance will be awarded a prize. Get ready for this great memorable Latin American night!

Programme Overview- Tuesday 20 June 2017

Rooms / Time	Room 01	Room 03
10:00 - 20:00	<p>Registration</p>	<p>Satellite symposium Please refer to page 50 for detailed programme</p>
13:00 - 17:20	<p>Pre-ICPIC workshop Refugees and Migrants: health, vulnerability and infection</p>	
17:30 - 19:00		<p>Welcome address & Opening ceremony</p>
19:00 - 20:00		<p>Meet & Greet Reception - Visit of ICPIC Lounge and Exhibition - "Resistants" Book signing by the author</p>
	<p>General track</p>	<p>Special sessions</p> <p>Satellite symposium</p>



Rooms / Time	Room 01	Room 02	Room 03	Room 04
08:00 - 08:50		Meet The Expert sessions (MTE) - Rooms 1, 2, 3, 4, 15 & 16		
09:00 - 10:30	Surveillance in the next decade	Preventing catheter-related bloodstream infection: evidence from recent large randomized controlled trials (RCTs)	The problems of infection in obstetrics in low and middle income countries	Integrated symposium: Current challenges in hand hygiene research and action
10:30 - 11:00		Coffee break and visit of the exhibition		
11:00 - 11:30	Keynote: Bridges to the future with interdisciplinary teams			
11:45 - 13:00	Semmelweis day - the best of hand hygiene	Large-scale projects, actions and visions to fight antimicrobial resistance (AMR)	Slide session: Environment, cleaning and <i>Clostridium difficile</i>	Integrated symposium: Training in infection prevention and control: future perspectives
13:15 - 14:15	Prix Hubert Tuor - ICPIIC Innovation Academy: poster presentation		Poster viewing, guided poster tours, visit of the exhibition and lunch	
14:30 - 16:00	Prix Hubert Tuor - ICPIIC Innovation Academy: The Pitch	Challenges with device processing and sterilization	Antimicrobial stewardship: lessons from Europe, Australia and the USA	Integrated symposium: How to implement guidelines into clinical practice?
16:00 - 16:30		Coffee break and visit of the exhibition		
16:30 - 17:30	Decolonization and probiotics	Avoiding infections due to invasive procedures in low-resource settings	Slide session: Antibiotic use, stewardship and cost of resistance	Developing the infection control curriculum: trans-continental perspectives
17:45 - 18:45	Movie projection: Clean Hands		Movie projection followed by book signing by Thierry Crouzet	
	General track	Intergrated Symposia	Special sessions	LMIC track Slide sessions

Programme Overview - Thursday 22 June 2017

Rooms / Time	Room 01	Room 02	Room 03	Room 04
08:00 - 08:50		Meet The Expert sessions (MTE) - Rooms 1, 2, 3, 4, 15 & 16		
09:00 - 10:30	New perspectives on surgical site infection (SSI) prevention	Point prevalence studies (PPS): back to the future?	Large European clinical trials to control Gram-negative resistance	Integrated symposium: State-of-the-art hand hygiene
10:30 - 11:00				Coffee break and visit of the exhibition
11:00 - 11:40	The New WHO CRE-CRAB-CRPsA Infection Control Guidelines - an important step at a critical time	"Real-time" whole genome sequencing to reduce the spread of resistant bacteria	Slide session: Models to better understand infection control measures	
11:45 - 13:00	Hand Hygiene Excellence Award	Challenges from Asia	Slide session: Device-related infections	Integrated symposium: Addressing recent challenges in infection control
13:15 - 14:15				Poster viewing, guided poster tours, visit of the exhibition and lunch
14:30 - 16:00	SHEA-ICPIC symposium: The challenge with infection control evidence	Implementation of infection prevention and control (IPC) core components in low-resource settings	Cross-transmission revisited	Integrated symposium: In the focus of attention: growing microorganisms
16:00 - 16:30				Coffee break and visit of the exhibition
16:30 - 18:00	A year in infection control	Infection control in special settings: less is more	Slide session: Hand hygiene	Integrated symposium: The WHO Guidelines on surgical site infection (SSI) prevention - Intra-operative recommendations
18:00 - 21:30				Latin-America Night
	General track	Intergrated Symposia	LMIC track	Special session
				Slide sessions

Programme Overview - Friday 23 June 2017

Rooms / Time	Room 01	Room 02	Room 03
08:00 - 08:50		Meet The Expert sessions (MTE) - Rooms 1, 2, 3 and 16	
09:00 - 10:30	DRIVE-AB Symposium: Responsible antibiotic use and new developments	Slide session: Surveillance of healthcare-associated infections	Integrated symposium: Reducing catheter-related bloodstream infections (CRBSI) in line with guidelines: simple solutions for serious problems
10:30 - 11:00		Coffee break and visit of the exhibition	
11:00 - 11:40	Keynote: Past, current, and future challenges at CDC		Slide session: Behaviour and harm
11:45 - 13:00	Prix Hubert Tuor - ICPIC Innovation Academy - The Finals	Slide session: Epidemiology and control of multi- resistant bacteria	Slide session: Surgical site infections
13:00 - 13:30	Closing & award ceremony		
	General track	Special sessions	Integrated symposia
			Slide sessions

Tuesday 20 June 2017

Scientific Programme

Tuesday 20 June	13:00 - 17:20
Pre-ICPIC workshop	
Refugees & Migrants: health, vulnerability and infection	Room 01
Chairpersons: Kanokporn Kaojaroen (WHO) & Marc Mendelson (ISID)	
Welcome address	13:00
Mohamed Abbas Geneva University Hospitals (HUG)	
Voyage at the heart of the migrant crisis	13:05
Laure Gabus Freelance journalist	
Migrant health and healthcare determinants	13:25
Manuel Carballo International Center for Migration Health and Development (ICMHD)	
Overview of the humanitarian response	13:45
Esperanza Martinez International Committee of the Red Cross	
Challenges on the field related to patient management	14:05
Tammam Aloudat Médecins Sans Frontière (MSF)	
Q&A Session	14:25
COFFEE BREAK	14:40
Short video viewing	15:05
Infectious diseases in migrants	15:10
Yves Jackson Geneva University Hospitals (HUG)	
Infection control conundrums	15:30
Sophie Durieux Geneva University Hospitals (HUG)	
STDs and vaccine-preventable diseases	15:50
Aleksandra Jablonka Medizinische Hochschule Hannover (MHH)	
The situation in Greece	16:10
Sotirios Tsiodras Hellenic Centre for Infectious Diseases Control, National and Kapodistrian University of Athens	
Q&A Session	16:30
Conclusion with a round-table discussion	16:45
All contributors listed above will take part in the round table discussion, with the kind contribution of Dr Roumyana Petrova-Benedict (International Organization for Migration), Daniel Koch (Office Fédéral de la Santé Publique) and Javier Bartolomei (HUG).	
Closing statement	17:15

Tuesday 20 June

17:30 - 19:00

ICPIC OPENING CEREMONY

Welcome address

Room 01

Welcome

17:30

Bertrand Levrat, CEO HUG

17:35

Yves Flückiger, Rector University of Geneva

17:40

Daniel Koch, Federal Office for Public Health, Switzerland

17:45

Welcome to ICPIC 2017

17:50

Stephan Harbarth (CH)

Keynotes opening lectures

Infection prevention control: the past 10 years at the World Health Organization (WHO)

18:00

Marie-Paule Kieny (WHO)

Infection prevention and control: the past 10 years with both feet in the dirt

18:20

Andreas Voss (CH)

Opening remarks

18:40

Didier Pittet (CH)

MEET AND GREET RECEPTION

with the kind support of the City and Canton of Geneva

Exhibition area

19:00 - 20:00



Wednesday 21 June 2017

Scientific Programme

Wednesday 21 June

08:00 - 08:50

MEET THE EXPERT SESSIONS

Hand hygiene hands-on: applying the train-the-trainers concept in different continents

Room 01

Speakers: Marcela Hernandez (CR), Daniela Pires (CH), Ermira Tartari (MT)

Latest news & data on ventilator-associated pneumonia (VAP) prevention

Room 02

Speakers: Caroline Landelle (FR), Jean-François Timsit (FR)

Recommendations and tools for infection control (IC) in long-term care facilities

Room 03

Speakers: Yehuda Carmeli (IL), Maria Luisa Moro (IT)

Colistin ban in China: the story behind the story

Room 04

Speakers: Stephan Harbarth (CH), Wing-Hong Seto (HK), Tim Walsh (UK)

The role of social media (SoMe) in infection prevention and control

Room 15

Speakers: Tcheun-How Borzykowski (CH), Claire Kilpatrick (WHO)

Challenges for antimicrobial resistance (AMR) control in low-middle economy countries

Room 16

Speakers: Folasade Ogunsola (NG), Benjamin Park (US)

Wednesday 21 June

09:00 - 10:30

GENERAL SESSION

Surveillance in the next decade

Room 01

Chairpersons: Evelina Tacconelli (DE), Christina Vandenbroucke-Grauls (NL)

Can humans do surveillance accurately?

09:00

Matthew Samore (US)

Getting ready for automated surveillance of healthcare-associated infections

09:20

Maaike van Mourik (NL)

Do our current surveillance methods identify outbreaks?

09:40

Eli Perencevich (US)

One health surveillance: getting data across species and borders

10:00

Evelina Tacconelli (DE)

Discussion

10:20

GENERAL SESSION

Preventing catheter-related bloodstream infection:

evidence from recent large randomized controlled trials (RCTs)

Room 02

Chairpersons: Philippe Eggimann (CH), Jean-François Timsit (FR)

Selecting the insertion site for central venous catheters

09:00

Jean-Jacques Parienti (FR)

Preparing the insertion site

09:20

Jean-François Timsit (FR)

Assessing a multi-modal strategy across Europe

09:40

Walter Zingg (CH)

Barriers and facilitators of implementation success

10:00

Hugo Sax (CH)

Discussion

10:20



LOW-MIDDLE INCOME COUNTRIES SESSION

The problems of infection in obstetrics in low and middle income countries	Room 03
<i>Chairpersons: Benedetta Allegranzi (WHO), Joseph Solomkin (US)</i>	
The broad problem of maternal sepsis and World Health Organization (WHO) efforts	09:00
Mercedes Bonet Semanas (WHO)	
The particular problem of surgical site infection in C-sections	09:15
Susannah Wood (US)	
Implementation strategies for surgical site infection prevention guidelines	09:30
Thomas Weiser (US)	
A single intervention approach to surgical site infection prevention in a sub-Saharan African hospital	09:45
Alexander Aiken (UK)	
Discussion	10:00

INTEGRATED SYMPOSIUM

Current challenges in hand hygiene research and action	Room 04
Refer to page 47 for detailed programme	

COFFEE BREAK AND VISIT OF THE EXHIBITION 10:30 - 11:00

Wednesday 21 June	11:00 - 11:30
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KEYNOTE LECTURE

Bridges to the future with interdisciplinary teams	Room 01
<i>Chairperson: Didier Pittet (CH)</i>	
Speaker: Elaine Larson (US)	

Wednesday 21 June	11:45 - 13:00
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SEMELWEIS DAY

The best of hand hygiene: new strategies to improve hand hygiene promotion programs	Room 01
<i>Chairpersons: Moi Lin Ling (SG), Didier Pittet (CH)</i>	
Patient participation in hand hygiene promotion	11:45
Andrew Stewardson (AU)	
Innovative activities to promote hand hygiene	12:00
Emira Tartari (MT)	
Addressing campaign fatigue	12:15
Wing-Hong Seto (HK)	
Q&A: What you always wanted to know about hand hygiene, but were afraid to ask?	12:30
With all speakers and J. Boyce, E. Larson, A. Voss, A. Widmer	
Semmelweis days at ICPIC 2011 - 2013 - 2015 - and beyond	12:55
Surprise speaker	

GENERAL SESSION

Large-scale projects, actions and visions to fight antimicrobial resistance (AMR)	Room 02
<i>Chairpersons: Evelina Tacconelli (DE), John Jernigan (US)</i>	
Fleming Fund: practical solutions to addressing antimicrobial resistance (AMR) surveillance in low/middle-income countries	11:45
Tim Walsh (UK)	
Surveillance and intervention at national level	12:05
Yehuda Carmeli (IL)	
The World Health Organization (WHO) global antimicrobial resistance (AMR) programme	12:25
Marc Sprenger (WHO)	
Discussion	12:45

SLIDE SESSION**Environment, cleaning and *Clostridium difficile*****Room 03**

Chairpersons: Markus Dettenkofer (DE), Martin Kiernan (UK)

Abstract N° O1**11:45****Risk of nosocomial *Clostridium difficile* infection following exposure to antimicrobial agents**

M. Rubin (US)

V. Stevens, M. Leecaster, J. Ying, T. He, B. Sauer

Abstract N° O2**11:57****Reduction in *Clostridium difficile* infection associated with the introduction of a hydrogen peroxide disinfection system**

A. Anesi (IT)

V. Rognoni, S. Asticcioli, M. Gelosa, R. Accetta, M. Ferrari

Abstract N° O3**12:09****Improving real world evidence around hospital cleaning - the role of a pragmatic, implementation focused trial**

L. Hall (AU)

On behalf of the Researching Effective Approaches to Cleaning in Hospitals (REACH) study team

Abstract N° O4**12:21****An international survey of cleaning and disinfection practices in the healthcare environment**

N. Kenters (NL)

T. Gottlieb, E. Huijskens, E. Tartari, J. Hopman, M. Schweizer, A. Voss on behalf of ISC Infection and Control Working Group

Abstract N° O5**12:33****Transmission of pathogens from dry surface biofilms: effect of glove type**

G. Whiteley (AU)

K. Vickery, S. Tahir, D. Chowdhury, M. Legge, A. Deva, H. Hu

Abstract N° O6**12:45****Isolation of *nontuberculous mycobacterium* (NTM) from heater cooler devices in a tertiary care center in Lebanon**

S. Kanj Sharara (LB)

J. Tannous, Z. Kanafani, N. K. Zahreddine, S. Jamal, R. Ahmadieh, G. Araj

INTEGRATED SYMPOSIUM**Training in infection prevention and control: future perspectives****Room 04**

Refer to page 47 for detailed programme

POSTER VIEWING, VISIT OF THE EXHIBITION AND LUNCH**13:00 - 14:30****Wednesday 21 June****13:15 - 14:15****GUIDED POSTER TOURS**

Guided poster tours on selected topics are taking place during lunch break.

Poster presenters will be available in front of their poster.

Refer to page 18 for further details

Wednesday 21 June**14:30 - 16:00****SPECIAL SESSION****Prix Hubert Tuor - ICPIC Innovation Academy: The Pitch****Room 01**

Chairpersons: John Conly (CA), Didier Pittet (CH)

Abstract N° I1**14:30****Biological disinfection with bacteriophages: experience and perspectives**

V. Akimkin (RU)

N. Shestopalov, V. Shumilov, T. Salmina, A. Dabizheva, P. Kanygin, I. Khrapunova, T. Shestopalova, L. Fedorova

Abstract N° I2**14:35****Identification of anti-virulence compounds for combating *Staphylococcus aureus* infections by high-throughput screening (HTS)**

R. Y. Kao (HK)

P. Gao

Abstract N° I3	14:40
Constructional/structural infection control strategy - architectural analysis, rating and solution strategy to control infectious pathways in building systems	
J. Holzhausen (DE)	
W. Sunder	
Abstract N° I4	14:45
ISEE-resistance: using in silico experimental evolution to sensitize providers on antibiotic resistance	
G. Beslon (FR)	
D. Schneider	
Abstract N° I5	14:50
HALtool - using innovative design science to collaboratively implement an antibiotic stewardship decision-supporting smart system	
L. V. Lapao (PT)	
A. S. Simões, M. R. Maia, J. P. Gregório, P. Póvoa	
Abstract N° I6	14:55
Welcome on board! An edutainment movie to promote basic infection prevention measures	
A. Wolfensberger (CH)	
M.-T. Meier, L. Clack, H. Sax	
Abstract N° I7	15:00
Integrating patients' experiences, understandings and enactments of infection prevention and control into clinicians' everyday care: a video-reflexive-ethnographic exploratory intervention	
M. Wyer (AU)	
R. Iedema, S. Hor, G. L. Gilbert	
Abstract N° I8	15:05
The potential and risks of internet-of-things for patient safety - using indoor-location systems to improve nurses' hand hygiene performance	
J. P. Gregório (PT)	
P. Póvoa, L. V. Lapao	
Abstract N° I10	15:10
How we talk about hand hygiene matters - an exploration of hand hygiene etymology	
C. Kilpatrick (WHO)	
J. Storr	
INNOVATION, SOCIAL MEDIA AND INFLUENCE ON HAND HYGIENE	
Abstract N° I11	15:15
Impact of the "Save Lives: Clean Your Hands 5th of May" campaign on the press: 2005-2016	
V. Zimmerli (CH)	
M. Baudrillart, D. Pires, F. Schneider, T.-H. Borzykowski, C. Fankhauser, P.-Y. Badillo, D. Pittet on behalf of Communication Language Internet Project in Health (CLIP-H)	
Abstract N° I12	15:27
Uses of Twitter in health: the case of hand hygiene and infection control	
M. Baudrillart (CH)	
V. Zimmerli, D. Pires, F. Schneider, T.-H. Borzykowski, C. Fankhauser, P.-Y. Badillo, D. Pittet on behalf of Communication Language Internet Project in Health (CLIP-H)	
Abstract N° I13	15:39
Infection control on the movie screen Semmelweis Foundation Award 2017	
B. Szél (HU)	
K. Nagy	
Concluding remarks	15:51
GENERAL SESSION	
Challenges with device processing and sterilization	Room 02
Chairpersons: Petra Gastmeier (DE), John Boyce (US)	
Endoscopes: trouble at the end of the channel	14:30
Margreet Vos (NL)	

How to translate reprocessing instructions from the companies into real life?	14:50
Ojan Assadian (UK)	
Improving sterilization practices in the Asia Pacific region	15:10
Moi Lin Ling (SG)	
Should new devices meet stringent requirements like new drugs for market approval?	15:30
John Boyce (US)	
Discussion	15:50
GENERAL SESSION	
Antimicrobial stewardship: lessons from Europe, Australia and the US	Room 03
Chairpersons: Wing-Hong Seto (HK), Stephan Harbarth (CH)	
Recent European Union initiatives on antimicrobial stewardship	14:30
Dominique Monnet (ECDC)	
Stewardship interventions to reduce antimicrobial resistance: what is the evidence?	14:50
Keith Kaye (US)	
«Carrot & stick» for effective antimicrobial stewardship: the Australian approach	15:10
Lindsay Grayson (AU)	
Outpatient antibiotic stewardship and public awareness campaigns	15:30
Benedikt Huttner (CH)	
Discussion	15:50
INTEGRATED SYMPOSIUM	
How to implement guidelines into clinical practice?	Room 04
Refer to page 47 for detailed programme	
COFFEE BREAK AND VISIT OF THE EXHIBITION	
	16:00 - 16:30
Wednesday 21 June	16:30 - 17:30
GENERAL SESSION	
Decolonization and probiotics	Room 01
Chairpersons: John Jernigan (US), Jean-Christophe Lucet (FR)	
Update on decolonization of Gram-negative carriers	16:30
Benedikt Huttner (CH)	
Carriage of Gram-positive bacteria: decolonization and novel approaches to prevent infection	16:50
Jean-Christophe Lucet (FR)	
Role of probiotics for <i>Clostridium difficile</i> suppression and prevention	17:10
Loreen Herwaldt (US)	
LOW-MIDDLE INCOME COUNTRIES SESSION	
Avoiding infections due to invasive procedures in low-resource settings	Room 02
Chairpersons: Nizam Damani (UK), Folasade Ogunsola (NG)	
Injection safety: learning from country assessments and implementation of the new World Health Organization (WHO) global policy	16:30
Arshad Altaf (PK)	
How safe is reuse of medical devices? Making decontamination effective!	16:50
Shaheen Mehtar (ZA)	
Multimodal strategies for prevention of catheter-related bloodstream infection: it's a matter of behaviour, not resources	17:10
Walter Zingg (CH)	
SLIDE SESSION	
Antibiotic use, stewardship and cost of resistance	Room 03
Chairpersons: Carmem Pessoa (WHO), Mike Rubin (US)	

Abstract N° O7

16:30

Outcomes of methicillin-susceptible *Staphylococcus aureus* bacteremia in patients with and without Beta-lactam allergies

D. J. Livorsi (US)

M. Goto, M. Schweizer, B. Alexander, R. Nair, B. Beck, K. K. Richardson, E. Perencevich

Abstract N° O11

16:42

National prevalence study of healthcare-associated infections and antibiotic use in nursing homes (France 2016)

A. Savey (FR)

A. Machut, G. Gavazzi, Y. Lestrat, A. Berger-Carbonne on behalf of RAISIN working group

Abstract N° O9

16:54

Self medicated antibiotics in rural communities in Kano, Nigeria: a cross-sectional survey of community members

I. Yusuf (NG)

Y. D. Jobbi, A. H. Arzai, M. Shuaib

Abstract N° O10

17:06

The impact of antibiotic stewardship programs in Asia: a systematic review and meta-analysis

C. F. Lee (HK)

B. J. Cowling, S. Feng, H. Aso, P. Wu, K. Fukuda, W. H. Seto

Abstract N° O8

17:18

Barriers and facilitators of responsible systemic antibiotic use from the patient's perspective: a systematic review

B. Huttner (CH)

V. Zanichelli, G. Tebano, I. Gyssens, C. Pulcini, V. Vlahović-Palčevski , A. Monnier, M. Stanic Benic, S. Harbarth, M. Hulscher on behalf of DRIVE-AB consortium

GENERAL SESSION**Developing the infection control curriculum: trans-continental perspectives**

Room 04

Chairpersons: Michael Borg (MT), Eli Perencevich (US)

Current status in the USA and the vision of Association for Professionals in Infection Control and Epidemiology (APIC)

16:30

Linda Greene (US)

European perspectives

16:45

Nico Mutters (DE)

Asia-Pacific Society of Infection Control (APSIC) and the Asia-Pacific region

17:00

Lin Moi Ling (SG)

Discussion

17:15

Wednesday 21 June

17:45 - 18:45

MOVIE PROJECTION AND BOOK SIGNING**Clean Hands**

Room 01

Directed by Géraldine André and Stéphane Santini

This documentary is the result of an encounter. Neither with a man nor a cause, but with both inseparably linked. Hand hygiene in healthcare has been driving Prof. Didier Pittet for the last 20 years. A global burden killing 16 million per year throughout the world. Didier Pittet's actions as well as the generalization of alcohol-based handrubs have cut by half the death toll directly due to nosocomial infections.

From Vietnam to Liberia, from the UK to Guinea, Brazil or Saudi Arabia, Clean Hands will take you to the core of an amazing story. It all began at HUG twenty years ago, and has now conquered the world.

#CleanHands

ICPIC in collaboration with POPS is delighted to offer to each registered participant the DVD of "Clean Hands". We invite you to collect the DVD at POPS booth n°35 upon presentation of the voucher.

"Resistants" Book signing

ICPIC Lounge

At the end of the movie, Thierry Crouzet, author of "Clean Hands Save Lives", will sign his new book "Resistants" Refer to page 53 for further details

Wednesday 21 June 2017

Guided Poster Tours

Surgical site infection: Risk factors and methodology

Chairperson: Joe Solomkin (US)

- P1** EFFECT OF PARTICIPATING IN A SURGICAL SITE INFECTION SURVEILLANCE (SSI) NETWORK ON THE TIME-TREND OF SSI RATES: A SYSTEMATIC REVIEW / E. Tartari* - M. Abbas - B. Allegranzi - D. Pittet - S. Harbarth
- P2** IMPROVEMENT OF PREDICTIVE PERFORMANCE OF THE NEW NHSN SURGICAL SITE INFECTION RISK ADJUSTMENT MODEL FOR COLON SURGERY BY ADDING VARIABLE EMERGENCY OPERATION TO THE MODEL / P. Watcharasin - S. Vikan - P. Roong-Rajatavej - T. Sangsuwan - S. Jamulirat*
- P3** PERFORMANCE OF THE NEWLY INTRODUCED NHSN LOGISTIC RISK MODEL FOR CLASSIFICATION POSTCHOLECYSTECTOMY SURGICAL SITE INFECTION / T. Sangsuwan* - J. Prueksasri - J. Sae-Chan - K. Chotpitchayanukul - S. Jamulirat
- P5** PREDICTORS OF SURGICAL SITE INFECTION IN LIVER TRANSPLANT RECIPIENTS: HISTORICAL COHORT / R. A. Oliveira* - V. B. Poveda
- P8** MICRO-DTTEECT SYSTEM ON THE IDENTIFICATION OF PATHOGENS RESPONSIBLE FOR SURGICAL SITE INFECTIONS (SSI) IN ORTOPHAEICS / A. Piscitelli - P. Navone*
- P9** ASSESSMENT OF THE RISK FACTORS OF SURGICAL SITE INFECTION IN A TUNISIAN UNIVERSITY HOSPITAL / H. Ghali* - S. Ben Fredj - S. Khefacha - M. Ben Rejeb - C. Chahed - H. Said Latiri
- P10** POSTDISCHARGE SURVEILLANCE: AN INTEGRATIVE REVIEW / V. H. A. Binotto - G. M. G. B. D. S. Guatura - V. D. B. Poveda*
- P11** IS THE SURGICAL SITE INFECTIONS MONITORING AFTER CAESAREAN SECTIONS POSSIBLE WITHOUT POST-DISCHARGE SURVEILLANCE? RESULTS FROM MULTICENTRE STUDY IN POLISH HOSPITALS / A. Różańska* - J. Wójkowska-Mach - A. Jarynowski - M. Bulanda - K. Kopeć-Godlewska
- P12** FORCED AIR WARMING SYSTEM: COLONIZATION OF INTERNAL SYSTEM / L. L. da Silva - A. G. C. D. S. Almeida - J. F. Possari - V. B. Poveda*
- P14** EVALUATION OF A PROGRAM TO IMPROVE THE ANTIMICROBIAL PROPHYLAXIS IN SURGERY (APS) BETWEEN 2011 AND 2015 / G. G. Cabrera Tejada* - J. G. Mora Muriel - P. García Shimizu - C. O. Villanueva Ruiz - V. M. Soler Molina - A. S. L. Azevedo - L. F. Pinto Riera - J. Sanchez Payá

Device-associated infections, intensive care and dialysis

Chairperson: Nicola Petrosillo (IT)

- P15** VENTILATOR ASSOCIATED EVENTS AFTER CARDIAC SURGERY / S. He* - J. Zhang - H. Ouyang
- P17** EFFECT OF THE VENTILATOR-ASSOCIATED PNEUMONIA BUNDLE IN A MEDICAL INTENSIVE CARE UNIT / H.-R. Choi* - S. Y. Yoo - J. S. Jeong
- P18** IS IT POSSIBLE TO DECREASE THE RATE OF VENTILATOR-ASSOCIATED PNEUMONIA WITH INFECTION CONTROL PREVENTION BUNDLE / M. Aydin* - F. Timurkaynak - H. Arslan
- P157** NEXT-GENERATION SEQUENCING APPLIED TO HEALTHCARE-ASSOCIATED INFECTION DIAGNOSIS / N. D. C. Rodrigues* - N. V. S. Stefanutto - M. T. Lazzarini - J. C. Bonjorno Junior - E. Matheucci Júnior
- P162** MANAGEMENT OF INFECTIONS ASSOCIATED WITH NEUROCRITICAL CARE: A SIX-YEAR SURVEILLANCE REPORT / G. V. Danilov* - N. V. Kurdyumova - O. N. Ershova - M. A. Shifrin - I. A. Savin
- P163** RESULTS OF A MULTIRESTANT ORGANISM (MRO) REDUCTION INITIATIVE IN CRITICAL CARE MEDICINE (CCM) / R. P. Stevens* - J. Philip - S. Kelly - B. Krstevska
- P164** IMPLEMENTATION AND VALIDATION OF HEMODIALYSIS BUNDLE AT OUTPATIENT DIALYSIS SETTING / A. Ibrahim* - A. El-Saed Aimani - N. D. Dagunton - N. F. Bambilla - M. Kaleal - E. Alahmari - F. Hejaili - H. Balkhy
- P165** AN ORIGINAL APPROACH OF RISK MANAGEMENT TO IMPROVE QUALITY AND SAFETY OF CARE IN ASSISTED SELF-CARE DIALYSIS CENTRES IN A FRENCH REGION / A. Gaudichon* - E. Seringe - L. Hoisnard - C. Daniel - E. Yamani - P. Astagneau

Clostridium difficile

Chairperson: Loreen Herwald (US)

- P22** REDUCTION IN *CLOSTRIDIUM DIFFICILE* HOSPITAL SPREAD THROUGH CLEANING CONTROL AND HAND HYGIENE IMPROVEMENT / P. Grzesiowski* - D. Pawlik - M. Sekuna
- P23** HOSPITAL WIDE REDUCTION OF *CLOSTRIDIUM DIFFICILE* AFTER A CLEANING INTERVENTION IN THREE WARDS / B. Lytsy*
- P24** EFFECTIVENESS OF VARIOUS CLEANING AND DISINFECTANT PRODUCTS ON *CLOSTRIDIUM DIFFICILE* SPORES OF PCR RIBOTYPES 010, 014 AND 027 / N. Kenters* - E. Huijskens - S. De Wit - I. Sanders - J. Van Rosmalen - E. Kuipers - A. Voss
- P25** EFFECTS OF RHODOMYRTONE ON HYPERVIRULENT *CLOSTRIDIUM DIFFICILE* STRAIN / S. Srisuwan* - K. E. Mackin - D. Hocking - D. Lyras - R. M. Robins-Browne - S. P. Voravuthikunchai
- P27** CORRELATION OF ANTIBIOTIC USAGE AND *CLOSTRIDIUM DIFFICILE* INFECTIONS IN A GERMAN UNIVERSITY HOSPITAL / A. Rohde* - J. Zweigner - M. Wiese-Posselt - M. Behnke - F. Schwab - P. Gastmeier
- P30** ENHANCED SURVEILLANCE OF *CLOSTRIDIUM DIFFICILE* INFECTION: A REASSESSMENT OF 2015-2016 REPORTING IN GREATER GLASGOW & CLYDE, SCOTLAND / L. Cottom* - T. Inkster
- P31** HEALTHCARE RESOURCE USE AND DIRECT COSTS OF RECURRENT *CLOSTRIDIUM DIFFICILE* INFECTION IN HOSPITALISED PATIENTS / S. Goldenberg* - R. Batra

- P33** FACTORS ASSOCIATED WITH INCREASED RISK OF ADVERSE OUTCOMES IN PATIENTS WITH TOXIGENIC *CLOSTRIDIUM DIFFICILE* INFECTION: PRELIMINARY DATA FROM THE HUNGARIAN NATIONAL NOSOCOMIAL SURVEILLANCE SYSTEM / A. Hajdu* - J. Pászti - Z. Barna - É. Popovics - V. Lesinszki - A. Kurcz
- P35** CONTROL OF A ROTAVIRUS GASTROENTERITIS OUTBREAK IN THREE PSYCHOGERIATRIC UNITS / M. Gyger Wanzenried* - C. Petignat - I. Nahimana Tessemo

Influenza

Chairperson: Charles Huskins (US)

- P36** PREVENTION OF NOSOCOMIAL INFLUENZA (NOSO-INF): VISITORS AS KEY PARTNERS? / A. Iten* - C. Bonfillon - C.-A. Siegrist - L. Kaiser - D. Pittet
- P37** HEALTHCARE WORKERS' PERCEPTION TOWARDS THE SYSTEMATIC USE OF MASK DURING A SEASONAL INFLUENZA OUTBREAK IN A FRENCH UNIVERSITY HOSPITAL: A DESCRIPTIVE STUDY / M. Beuvelet - C. Masson - D. Gantz - S. Levet - B. Allenet - M. R. Mallaret - C. Landelle*
- P38** NOTIFICATION OF HEALTHCARE-ASSOCIATED INFLUENZA IN A FRENCH REGION: WHAT IS THE TREND SINCE 2012 / F. Stordeur* - L. Hoisnard - E. Seringe - P. Astagneau
- P39** LEADERSHIP COMMITMENT - A CORE STRATEGY TO IMPROVE INFLUENZA VACCINATION COVERAGE AMONG HEALTHCARE WORKERS/ M. E. Gjerde* - K. S. Kilhus
- P41** CHARACTERISATION OF NOSOCOMIAL AND COMMUNITY-ACQUIRED INFLUENZA IN A FRENCH UNIVERSITY HOSPITAL DURING INFLUENZA SEASON 2015/2016: A PROSPECTIVE STUDY / A. Bocquet - C. Wintenberger - J. Lupo - C. Morel-Baccard - P. Morand - P. Pavese - L. Bouillet - J. L. Bosson - M. R. Mallaret - C. Landelle*
- P42** INFLUENZA PREVENTIVE MEASURES: CAMPAIGNS TO PROMOTE VACCINATION AND SURGICAL MASK AMONG HEALTH-CARE WORKERS / L. Hoisnard* - E. Seringe - K. Lebascle - P. Astagneau

Carbapenemase Producing *Enterobactericeae* (CPE)

Chairperson: Matthias Maiwald (SG)

- P47** COMPUTER APPLICATION FOR EARLY IDENTIFICATION AND CONTROL OF FIRST CASES OF CARBAPENEMASE - PRODUCING *ENTEROBACTERIACEAE* IN SEVILLE - ANDALUSIA / E. Roman - C. Escassi - R. Valencia - J. M. Pérez - S. Vergara - C. Castro - J. A. Mira - M. J. Pérez*
- P51** «SCREEN, ISOLATE AND REPORT» STRATEGY TO CONTROL CARBAPENEM RESISTANT *ENTEROBACTERIACEAE* HOSPITAL TRANSMISSION AT REGIONAL LEVEL IN POLAND / P. Grzesiowski* - M. Pawlak - A. Tymoczko
- P52** EVALUATION OF *IN VITRO* SUSCEPTIBILITY OF MINOCYCLINE FOR CARBAPENEM RESISTANT *ENTEROBACTERIACEAE* (CRE) / A. R. Warrier* - R. Babu
- P56** CARBAPENEM NON-SUSCEPTIBILITY OF *KLEBSIELLA PNEUMONIAE* ISOLATES IN HOSPITALS FROM 2009 TO 2016, DATA FROM THE GERMAN ANTIMICROBIAL RESISTANCE SURVEILLANCE (ARS) / U. Koppe* - A. Wieland - I. Noll - M. Feig - M. Abu Sin - T. Eckmanns
- P57** EPIDEMIOLOGICAL ASPECTS OF NOSOCOMIAL INFECTIONS CAUSED BY CARBAPENEM-RESISTANT GRAM-NEGATIVE BACTERIA IN A BRAZILIAN HOSPITAL / A. E. Ricci Lopes* - M. G. Menegueti - C. S. Feliciano - G. G. Gaspar - L. R. Ferreira - M. F. I. Silva - S. R. M. D. S. Canini - F. Bellissimo-Rodrigues
- P58** CLINICAL OUTCOME OF PAN-DRUG RESISTANT *KLEBSIELLA PNEUMONIAE* (PDRKP) BLOODSTREAM INFECTIONS- A SINGLE CENTER STUDY IN INDIA / A. Kaur* - S. Gandra - S. Sengupta - Y. Mehta
- P59** PREDICTING CARBAPENEM RESISTANCE USING WHOLE GENOME SEQUENCING / I. A. Tickler* - S. B. Dewell - J. Kop - F. C. Tenover
- P60** BIOFILM IN HOSPITAL EFFLUENT: A CARBAPENEMASE HOTSPOT BETWEEN HOSPITAL AND ENVIRONMENT? / J. Ory* - G. Bricheux - C. Forestier - O. Traore
- LATE BREAKER P60b** ALARMING HIGH BURDEN OF CARBAPENEM RESISTANT *ENTEROBACTERIACEAE* IN NEONATAL UNITS IN VIETNAM / Ngai Kien Le - Elin Bornefall - Bich Thi Ngoc Hoang - Ha T N Khu - Linus Olson - Björn Berglund - Dung Thi Khanh Khu - Hai Thanh Le - Mattias Larsson - Håkan Hanberger*

Hand hygiene around the globe

Chairperson: Andreas Widmer (CH)

- P81** IMPACT OF SOCIAL MEDIA CAMPAIGN: 5TH MAY GLOBAL HAND HYGIENE DAY / T.-H. Borzykowski* - E. Tartari - D. Pires - D. Pittet
- P86** EFFECT OF THE WORLD HEALTH ORGANIZATION MULTIMODAL HAND HYGIENE IMPROVEMENT STRATEGIES ON HEALTHCARE ASSOCIATED INFECTIONS PREVALENCE IN 14 TERTIARY HOSPITALS IN MALAYSIA/S. A. Husin - Y. F. Lee* - N. A. Abd Rashid - A. Azizan - P. Fajariah - N. F. Bakhtiar - S. Othman - R. Omar
- P87** HAND HYGIENE SELF-ASSESSMENT FRAMEWORK (HHSAF) SURVEY OF 23 HOSPITALS IN SARAWAK, MALAYSIA/Y. F. Lee* - S. A. Husin - W. Zingg - H. H. Chua - M. W. Ago - F. A. Ibrahim - L. M. Ong - S. Y. Wong - M. McLaws - D. Pittet
- P89** THE DEVELOPMENT AND EFFECT OF THE EDUCATION PROGRAM ON HAND HYGIENE AND USE OF PERSONAL PROTECTIVE EQUIPMENT / I. Jeong* - E.-G. Kim
- P92** EFFECTIVENESS OF REGULAR FEEDBACK IN IMPROVING HAND HYGIENE COMPLIANCE AMONG DOCTORS AND NURSES IN A TERTIARY CARE HOSPITAL IN INDIA / K. Raghuwanshi* - S. Sarma - S. Sengupta - Y. Mehta - P. Sahni
- P102** INFECTION PREVENTION AND CONTROL IN NON-HEALTHCARE SETTINGS: THE ROLE OF HAND HYGIENE-OYO STATE, SOUTH WEST NIGERIA 2017 / O. T. Badmus* - K. Omisile - B. Bamgbade - B. Ogunniji - O. Olugbade
- P103** THE HAND HYGIENE JOURNEY OF A SMALL PAEDIATRIC HOSPITAL TO PREVENT HOSPITAL ACQUIRED INFECTIONS IN PALESTINE / R. Handal* - S. L. Corradin - H. Marzouqa - M. Hindiyeh
- P106** STANDARDIZED HANDWASHING EDUCATION IN KINDERGARTEN - THIS SINGLE STEP ON THE WAY TO BETTER INFECTION CONTROL COULD BE SIGNIFICANT IN SWITZERLAND / P. Pfister*

Behavioural science

Chairperson: Hugo Sax (CH)

- P111** AN OBSERVATIONAL STUDY ON THE KNOWLEDGE AND ADHERENCE OF PERSONAL PROTECTIVE EQUIPMENT REMOVAL GUIDELINES IN INTENSIVE CARE UNIT NURSES / H. J. Chun - J. S. Jeong* - H.-R. Choi - I. S. Jeong
- P112** IMPROVEMENT OF BEHAVIORS AND PRACTICES FOR INFECTION CONTROL IN WEST AFRICA: OBSERVATION OF EARLY TRENDS ON THE SUCCESS FACTORS / B. Ndoye*
- P113** QUALITATIVE ANALYSIS OF PERCEPTIONS, ATTITUDE AND BEHAVIORS OF HEALTHCARE WORKERS AND RESEARCHERS REGARDING AN AUTOMATED HAND HYGIENE MONITORING TECHNOLOGY / C. Tarantini*
- P114** THE BEHAVIOR OF HEALTH CARE WORKERS ON INFECTION PREVENTION AND CONTROL PRACTICES AND ITS IMPACT ON NOSOMIAL INFECTIONS / A. Chiotcha*
- P119** ARE WE USING SUITABLE BEHAVIOURAL INTERVENTIONS FOR HEALTHCARE WORKERS' RECIDIVIST HAND HYGIENE BEHAVIOUR? A CRITIQUE OF MANAGEMENT THEORIES / Y. F. Lee* - D. Pittet - W. Zingg - S. A. Husin - H. H. Chua - M. W. Ago - L. M. Ong - S. Y. Wong - M. McLaws
- P120** WHAT DO THEY KNOW AND WHAT DO THEY DO? A CROSS-SECTIONAL MIXED-METHODS STUDY OF NURSING PERSPECTIVES ON INDIVIDUAL AND ORGANIZATIONAL INFLUENCES ON INFECTION PREVENTION IN NURSING HOMES / J. Hammerschmidt* - T. Manser
- P122** THE IMPACT OF SURVEILLANCE CAMERAS IN IMPROVING INFECTION CONTROL PRACTICES AND OUTCOMES IN AN ADULT MEDICAL-SURGICAL ICU IN A LEBANESE TERTIARY CARE CENTER / N. K. Zahreddine* - J. Tannous - T. Kardas - R. Ahmadieh - Z. Kanafani - S. Kanj Sharara
- P124** REVIEW OF VIDEO-REFLEXIVE ETHNOGRAPHY IN HEALTHCARE / S. Passerini* - T. Manser - H. Sax - L. Clack

Surveillance of healthcare-associated infections and national and sub-national infection prevention and control (IPC) programme

Chairperson: Sonja Hansen (DE)

- P135** HEALTHCARE-ASSOCIATED BLOODSTREAM INFECTIONS IN FINLAND - ADJUSTED RANKING OF HOSPITALS BY *STAPHYLOCOCCUS AUREUS* RATES AND EFFECT OF INFECTION CONTROL RESOURCES AND PRACTICES ON RANKINGS / E. Sarvikivi* - J. Ollgren - T. Kärki - O. Lytykäinen
- P137** A COMPREHENSIVE INVENTORY OF INFECTIOUS RISK MOMENTS DURING ACUTE CARE / L. Clack* - S. Passerini - T. Manser - H. Sax
- P138** ASSESSING THE BURDEN AND TRENDS OF HEALTHCARE ASSOCIATED INFECTION IN A TERTIARY CARE HOSPITAL THROUGH POINT PREVALENCE SURVEY / R. Saksena* - S. Kumar - R. Gaind - S. Nagpal - P. Suri
- P140** OUTBREAK OF LASSA FEVER IN A HEALTHCARE SETTING: EPIDEMIOLOGIC SURVEILLANCE AND RISK STRATIFICATION FOR CONTACT PERSONS - SAKI OYO STATE, NIGERIA 2014 / O. T. Olugbade* - O. Israel - R. Fadahunsi - A. Ogunniyi - A. Oladimeji - A. Olayinka
- P141** SURVIVAL ANALYSIS OF THE INCIDENCE OF HEALTH-CARE ASSOCIATED RESPIRATORY SYNCYTIAL VIRUS IN SELECTED REFERRAL HOSPITALS IN KENYA, 2009-2011 / L. Mayieka* - S. Mwalili - G. Arunga - L. Cosmas - L. Ndegwa
- P144** INFECTION CONTROL SOFTWARE: PLACEBO OR PANACEA? / J. Li - Q. Meng - M. Liu - E. Chua - T. Y. Tan*
- P156** MEASURING DYNAMIC SOCIAL CONTACTS IN A REHABILITATION HOSPITAL: EFFECT OFWARDS, PATIENT AND STAFF CHARACTERISTICS / A. Duval* - L. Temime - L. Opatowski - D. Guillemot - E. Fleury - L. Martinet - P.-Y.
- P166** IMPROVING EVIDENCE FOR INFECTION PREVENTION POLICY AND PRACTICE - THE ROLE OF CAPACITY BUILDING IN HEALTH SERVICES RESEARCH / L. Hall* - E. Bailey - N. Graves
- P167** EASE OF IMPLEMENTATION ASSESSMENT OF INFECTION PREVENTION AND CONTROL CORE COMPONENTS IN LOW-RESOURCE SETTINGS / S. Tomczyk* - W. Zingg - J. Storr - C. Kilpatrick - B. Allegranzi
- P171** PERFORMANCE OF INFECTIONS RELATING THE MEDICAL CARE PREVENTION AND CONTROL PROGRAM, IN MANAUS CITY, AMAZONAS STATE, BRAZIL / R. A. L. Baroni* - H. M. Oliveira

National and sub-national infection prevention and control (IPC) programmes in low-middle-income countries

Chairperson: Amy Kolwaite

- P168** IMPLEMENTATION OF INFECTION PREVENTION AND CONTROL (IPC) IN LOW-RESOURCE SETTINGS: A QUALITATIVE ANALYSIS / S. Tomczyk* - J. Storr - C. Kilpatrick - B. Allegranzi
- P169** IMPLEMENTATION OF INFECTION PREVENTION AND CONTROL PROGRAM AT NATIONAL LEVEL IN BRAZIL: A SYSTEMATIC APPROACH / M. M. Costa - F. C. Sousa - M. D. S. Nogueira - C. F. Ribeiro - D. P. Soares - M. C. Padoveze* on behalf of The National Committee for Prevention and Control of Healthcare-Associated Infection
- P172** IMPLEMENTATION OF AN INFECTION PREVENTION AND CONTROL (IPC) PROGRAMME IN A RURAL PROVINCE IN ZIMBABWE: THE SUCCESSES AND CHALLENGES / A. S. Murongazvombo* - W. Moyo - E. Chaitezvi - P. Munjoma
- P173** PAST, PRESENT AND FUTURE: THE EVOLUTION OF THE INFECTION PREVENTION AND CONTROL PROGRAMME IN GEORGIA / D. Tsereteli* - G. Chakhunashvili - E. Jabidze - A. P. Coutinho Rehse
- P174** ACCELERATING IMPLEMENTATION OF THE IPC POLICY IN KENYA / R. Kamau*
- P175** USING DATA TO ENHANCE IMPLEMENTATION IN A LOW RESOURCE SETTING - LIBERIA EXPEREINCE / C. T. Cooper*
- P176** PROBLEM OF PREVENTION OF HEALTHCARE-ASSOCIATED INFECTIONS (HAI) IN RUSSIA. SYSTEM OF STATE SUPPORT FOR ITS STUDY AND SOLUTION. / A. Popova - E. Yezhlova - E. Igonina - V. Akimkin* - N. Shestopalov
- P177** SETTING UP OF A NATIONAL ACTION PLAN FOR PREVENTION AND CONTROL OF HEALTHCARE-ASSOCIATED INFECTIONS IN BENIN. / A. A. Théodora - A. K. Aissi* - L. Affovehounde - D. Sossa - E. A. Gandjeto - C. Glèlè Kakaï - C. B. Oroou Yorou - A. Lukusa - B. Hakizimana - D. Gazard
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- P200** EFFECT OF SURFACTANT IN AN ALKALINE DETERGENT FOR STEADY CLEANING PERFORMANCE DURING MEDICAL DEVICE REPROCESSING IN WASHER DISINFECTORS / G. L. Quan* - Y. Oda - E. Kawamukai - Y. Hirata
- P201** SURGICAL EQUIPMENT STERILIZATION PRACTICE AMONG HEALTH CARE WORKERS IN PRIVATE HOSPITALS IN ZARIA, NORTH WESTERN NIGERIA / L. Amadu* - A. A. Olorukooba - A. A. Abubakar - M. S. Balogun - S. Aliyu - S. S. Yahaya - M. B. Sufiyan - B. B. Lawal - I. David
- P202** IMPROVED TECHNIQUE OF RAPID AND ACCURATE PERACETIC ACID TEST STRIPS WITH SHARP COLOR BY COMPRISING ADVANCED INDICATOR SOLUTION / M. A. Mali* - S. Sakai - E. Kawamukai - Y. Hirata

ICPIC Clip award

- P203** BE A HERO AND DEFEND HEALTH! JOIN THE PREVENTIVE MEASURES FORCE: HAND HYGIENE, RESPIRATORY HYGIENE, AND COUGH ETIQUETTE / S.-H. Tseng*
- P204** HANDS TO YOURSELF. JUST IMAGINE WHAT YOU DO TO YOUR PATIENTS / A. S. Bispo* - C. Palos - P. Pereira
- P205** ANTIBIOTICS AWARENESS WEEK: RESERVE ANTIBIOTICS FOR A REAL BACTERIAL INFECTION / S.-C. Pan* - G.-J. Chen - K.-L. Tien - W.-H. Sheng - Y.-C. Chen - S.-C. Chang on behalf of Center for Infection Control, National Taiwan University Hospital
- P206** HAND HYGIENE FLASH MOB IN NURSING HOME: WHEN THE RESIDENTS, THE ACTORS OF THEIR OWN HEALTH BECOME ACTORS AS WELL / O. Weinachter - E. Monnot - C. Savouret - C. Duvernay - S. Morizet - N. Floret*
- P207** HAND HYGIENE PROMOTION WITH CELEBRITIES / B. Szél*
- P208** HAND HYGIENE PAINTING FESTIVAL, MASHHAD-IRAN / M. H. Aelami* - A. Mohajeran - M. Khalesi
- P209** CCLIN SUD-OUEST 'S VLOG - EXDR / C. Bervas* - V. Deroissart - P. Parneix - E. Sousa - A.-G. Venier - C. Dumartin

Thursday 22 June 2017

Scientific Programme

Thursday 22 June

08:00 - 08:50

MEET THE EXPERT SESSIONS

The bubble of life - hand hygiene saves lives!

Room 01

Speakers: Claire Kilpatrick (WHO), Julie Storr (WHO)

Central line-associated bloodstream infection (CLABSI) and vascular catheter infection prevention: hands-on

Room 02

Speakers: Philippe Eggimann (CH), Jean-François Timsit (FR)

Building an effective infection control and prevention (ICP) programme in settings with limited resources: where to start and how to prioritize?

Room 03

Speakers: Catherine Cooper (LR), Nizam Damani (UK), Folasade Ogunsola (NG)

How to link antibiotic stewardship and infection control in your hospital?

Room 04

Speakers: Enrique Castro-Sanchez (UK), Keith Kaye (US)

Environmental control: addressing current challenges

Room 15

Speakers: Philip Carling (US), Markus Dettenkofer (DE)

Update on prevention of Carbapenem-resistant *Enterobacteriaceae* (CRE)

Room 16

Speakers: Yehuda Carmeli (IL), Stephan Harbarth (CH)

Thursday 22 June

09:00 - 10:30

GENERAL SESSION

New perspectives on surgical site infection (SSI) prevention

Room 01

Chairpersons: Benedetta Allegranzi (WHO), Joseph Solomkin (US)

Worldwide burden of surgical site infection (SSI)

09:00

Petra Gastmeier (DE)

Surgical site infection (SSI) prevention in a global perspective: the new World Health Organization (WHO) recommendations

09:20

Andreas Widmer (CH)

Implementation of the new World Health Organization (WHO) recommendations for surgical site infection (SSI) prevention in low-resource settings

09:40

Peter Nthumba (NG)

Successful multi-professional strategies to change surgical staff behaviour towards surgical site infection (SSI) prevention

10:00

Sean Berenholtz (US)

Discussion

10:20

GENERAL SESSION

Point prevalence studies (PPS): back to the future?

Room 02

Chairpersons: Denise Cardo (US), Dominique Monnet (ECDC)

Back to the future: the revival of point prevalence studies (PPS) in infection prevention and control

09:00

Walter Zingg (CH)

How hospitals use national point prevalence studies (PPS)-data

09:20

Jacqui Reilly (UK)

Preliminary results of the United States point prevalence studies (PPS) 2016

09:40

Denise Cardo (US)



The German point prevalence studies (PPS) 2016: a field report	10:00
Seven Aghdassi (DE)	
Discussion	10:20
GENERAL SESSION	
Large European clinical trials to control Gram-negative resistance	Room 03
Chairpersons: John Jernigan (US), Matthew Samore (US)	
To isolate or not to isolate extended spectrum beta-lactamases (ESBL) patients: results from the R-Gnosis WP5 trial	09:00
Friederike Maechler (DE)	
To isolate or not to isolate extended spectrum beta-lactamases (ESBL) patients: results from the Dutch clinical trial	09:30
Marjolein Kluytmans-van den Bergh (NL)	
Selective decontamination in European intensive care units: preliminary results from the R-GNOSIS study	10:00
Nienke Plantinga (NL)	
INTEGRATED SYMPOSIUM	
State-of-the-art hand hygiene	Room 04
See details page 48	
COFFEE BREAK AND VISIT OF THE EXHIBITION	
Thursday 22 June	10:30 - 11:00
GENERAL SESSION	
The new WHO CRE-CRAB-CRPAs Infection Control Guidelines - an important step at a critical time	Room 01
Chairpersons: Benedetta Allegranzi (WHO), Yehuda Carmeli (IL)	
Systematic reviews on the evidence base for Carbapenem-resistant Enterobacteriaceae (CRE) control	11:00
Sara Tomczyk (WHO)	
New World Health Organization (WHO) guidelines on Carbapenem-resistant Enterobacteriaceae (CRE) control	11:20
Lindsay Grayson (AU)	
DEBATE	
“Real-time” whole genome sequencing to reduce the spread of resistant bacteria	Room 02
Chairpersons: Emine Alp (TR), John Jernigan (US)	
CONTRA: show me first better data	11:00
Marc Bonten (NL)	
PRO: ready for use in real life	11:00
John Rossen (NL)	
SLIDE SESSION	
Models to better understand infection control measures	Room 03
Chairpersons: Maaïke van Mourik (NL), Ágnes Hajdu (HU)	
Abstract N° O12	11:00
Recommended classification of <i>Clostridium difficile</i> infections overestimates the proportion acquired during current hospitalisation	
A. McIure (AU)	
A. C. A. Clements, M. Kirk, K. Glass	

Abstract N° O13

11:12

**Infection control of vancomycin-resistant *Enterococci* (VRE) in hospitals:
a modeling analysis of a French outbreak**

R. Assab (FR)

R. Choukroun, D. Guillemot, L. Temime, F. Espinasse, B. Stéphane, L. Opatowski

Abstract N° O14

11:24

**Integrated videography and environmental microbial sampling to model hand contamination:
insights from Tanzania, Vietnam, and South Africa**

T. R. Julian (CH)

H. Bischel, A. K. Pitol, T. Kohn, H. Hidenori

Thursday 22 June
11:45 - 13:00
SPECIAL SESSION
Hand Hygiene Excellence Award
Room 01
Chairpersons: Anne Simon (BE), Didier Pittet (CH)
Hand Hygiene Excellence Award 2012-2017 and beyond

11:45

Didier Pittet (CH)

Look back at the best institutions worldwide

11:55

Daniela Pires (CH)

Hand hygiene excellence: sharing of real life experiences from awardees

12:15

...from Europe

Emira Tartari (MT)

... from Latin-America

Marcela Hernandez (CR)

... from the Asia-Pacific region

12:35

Moi Lin Ling (SG)

Winners of the European Hand Hygiene Excellence Award

12:45

GENERAL SESSION
Challenges from Asia
Room 02
Chairpersons: Wing-Hong Seto (HK), Paul Anantharajah Tambyah (SG)
Challenges in the assessment of skin antiseptics

11:45

Matthias Maiwald (SG)

Unexpected challenges from contaminated hospital linens in tropical setting:

12:10

zygomycosis and *Bacillus* bacteraemia

Vincent Cheng (HK)

Healthcare-associated outbreaks in the tropics - the same but different

12:35

Paul Anantharajah Tambyah (SG)

SLIDE SESSION
Device-related infections
Room 03
Chairpersons: Jean-Jacques Parienti (FR), Debkishore Gupta (IN)
Abstract N° O15

11:45

**Peripherally inserted central venous catheters-associated bloodstream infections:
a systematic review and meta-analysis**

J. Wang (CH)

M. G. Gasalla, W. Zingg

Abstract N° O16

11:57

**Intervention strategy consisting of education, bundle checklist, and feedback was
insufficient to reduce central line-associated bloodstream infection (CLABSI) rates in Korea:
2-year experience in 26 hospitals**

P. G. Choe (KR)

M. J. Shin, K. H. Lee, E. J. Kwon, M. H. Hong, I. Y. Jeon, K.-H. Song, E. S. Kim, H.-C. Jang, S. H. Lee, H. B. Kim

Abstract N° O17	12:09
Nurse-driven protocol for urinary catheter removal: 3 questions for easy assessment	
B. S. Ana (PT)	
C. Palos	
Abstract N° O18	12:21
Incidental unmasking of lapses in bronchoscope re-processing by tuberculosis polymerase chain reaction (PCR) - in a tertiary care hospital in Kolkata, India	
D. Gupta (IN)	
A. K. Sarkar	
Abstract N° O19	12:33
Impact of monitoring measures to prevent ventilator-associated pneumonia (VAP)	
M. G. Menegueti (BR)	
A. E. R. Lopes, M. Auxiliadora-Martins, T. R. D. Araújo, M. L. Puga, A. Basile-Filho, A. M. Laus, F. Bellissimo-Rodrigues	
Abstract N° O20	12:45
Simplified selective digestive decontamination may reduce acquired Gram-negative bacteremia in the intensive care unit (ICU)	
Y. P. Bar-Lavie (IL)	
A. Abu Ahmad	

INTEGRATED SYMPOSIUM**Addressing recent challenges in infection control**

Room 04

See details page 48

POSTER VIEWING, VISIT OF THE EXHIBITION AND LUNCH

13:00 - 14:30

Thursday 22 June

13:15 - 14:15

GUIDED POSTER TOURS

Guided poster tours on selected topics are taking place during lunch break.

Poster presenters will be available in front of their poster.

Refer to page 48 for detailed programme

Thursday 22 June

14:30 - 16:00

SHEA-ICPIC SYMPOSIUM**The challenge with infection control evidence**

Room 01

Chairpersons: Keith Kaye (US), Stephan Harbarth (CH)

The challenge of “low quality evidence” in infection control

14:30

Benedetta Allegranzi (CH)

Tools to appraise “low quality evidence”

14:50

Enrique Castro-Sanchez (UK)

Is something better than nothing? Gauging the level of evidence for implementation

15:10

Eli Perencevich (US)

Is conducting trials on extremely-drug resistant pathogens practical and worth the trouble?

15:30

Keith Kaye (US)

Discussion

15:50

LOW-MIDDLE INCOME COUNTRIES SESSION**Implementation of infection prevention and control (IPC)**

Room 02

core components in low-resource settings

Chairpersons: Benjamin Park (US), Walter Zingg (CH)

The new World Health Organization (WHO) core components for infection prevention and control (IPC) programmes

14:30

Julie Storr (WHO)

Implementation in low-resource settings: the reality check and solutions from the field

14:50

An Caluwaerts (BE)



The perspective of policy makers	15:10
Catherine Cooper (LB)	
Learning from the Ebola outbreak and making progress towards strong infection prevention and control (IPC) programmes in Africa	15:30
Amy Kolwaite (US)	
Discussion	15:50
 GENERAL SESSION	
Cross-transmission revisited	Room 03
Chairpersons: Loreen Herwaldt (US), Wing-Hong Seto (HK)	
How much is too much on your hands?	14:30
Daniela Pires (CH)	
Does bathing prevent healthcare-associated infection?	14:50
Moi Lin Ling (SG)	
To glove or not to glove?	15:10
Loreen Herwaldt (US)	
A walk around personal protective equipment (PPE)	15:30
Marie-Noëlle Chraiti (CH)	
Discussion	15:50
 INTEGRATED SYMPOSIUM	
In the focus of attention: growing microorganisms	Room 04
See details page 48	
 COFFEE BREAK AND VISIT OF THE EXHIBITION	
Thursday 22 June	16:00 - 16:30
16:30 - 18:00	
 GENERAL SESSION	
A year in infection control	Room 01
Speakers: Elaine Larson (US), Andreas Voss (NL)	
 LMIC SESSION	
Infection control in special settings: less is more	Room 02
Chairpersons: Loreen Herwaldt (US), John Conly (CA)	
The ge(r)m-free anaesthesiologist? Infection prevention issues in general anesthesia	16:30
Sebastian Schulz-Stübner (DE)	
Water-free intensive care unit (ICU)?	16:50
Joost Hopman (NL)	
Ventilation-free operating room?	17:10
Peter Bischoff (DE)	
Two beds, one too many! The end of room sharing?	17:30
John Conly (CA)	
Discussion	17:50
 SLIDE SESSION	
Hand hygiene	Room 03
Chairpersons: John Boyce (US), Andrew Stewardson (AU)	
Abstract N° O21	16:30
«Money makes money»- effects in hand hygiene promotion: earlier adopter wards benefit stronger from tailored interventions than later adopters	
T. von Lengerke (DE)	
B. Lutze, C. Krauth, K. Lange, J. T. Stahmeyer, I. F. Chaberny	

Abstract N° O22

16:42

**Interaction design methodology as an innovative tool to enhance hand hygiene:
the intersection of art and science**

J. Conly (CA)

J. Kupis , G. Hallihan, J. Kaufman, C. Pearce , C. Salt, M. Bhatnagar, H. Armen, J. Aitken

Abstract N° O23

16:54

**A situation analysis of the World Health Organization multimodal hand hygiene strategy
in African health care facilities**

S. Mehtar (ZA)

A. Ndir, G. Belay, A. Bulabula, Y. Satate, A. Dramowski on behalf of Infection Control Africa Network (ICAN)
hand hygiene working group**Abstract N° O24**

17:06

Determinants of hand hygiene behavior in Australian emergency departments

A. J. Stewardson (AU)

R. L. Stuart, D. Egerton-Warburton, C. Marshall, M. van den Driesen, S. Havers, J. Bradford, T. Chan, M. L. Grayson

Abstract N° O25

17:18

Characterizing hand hygiene opportunities in the emergency department

T. C. Moore (CA)

E. Xu, L. McCreight, G. Wilde-Friel, J. So, A. McGeer

Abstract N° O26

17:30

**Alcohol-based hand rub and incidence of healthcare-associated infections
in a rural regional referral and teaching hospital in Uganda**

H. Saito (JP)

K. Inoue, J. Ditai, B. Wanume, J. Abeso, A. Weeks

Abstract N° O27

17:42

**Hand hygiene with alcohol-based solutions: a note of caution for hand
wiping versus hand rubbing**

J. Ory (CH)

H. Soule, M. De Kraker, W. Zingg, D. Pittet

INTEGRATED SYMPOSIUM**The World Health Organization (WHO) Guidelines on surgical site infection (SSI)
prevention - intra-operative recommendations**

Room 04

Refer to page 49 for detailed programme

Thursday 22 June

18:30 - 22:00

Latin-America night

Level 1

All registered participants are cordially invited to continue the discussions inspired by posters and presentations during the day. The theme of the evening is Latin American culture. Network with colleagues from all around the world in a relaxed atmosphere. No matter your origin, please come dressed in a Latin American outfit, show your singer's talent at karaoke and enjoy the sounds of Latin American music, Samba dancers and food! The best outfit and best karaoke performance will be awarded a prize. Get ready for this big memorable Latin-America night!"

Thursday 22 June 2017

Guided Poster Tours

Catheter-associated bloodstream infections (BSI)

Chairperson: Archie Dabar (AU)

- P211** 5 YEAR SURVEILLANCE OF CLABSI IN A TERTIARY CARE PRIVATE SECTOR NICU IN PAKISTAN / A. S. Hussain* - S. Ariff
- P212** EPIDEMIOLOGY OF CENTRAL LINE ASSOCIATED BLOOD STREAM INFECTIONS (CLABSI) OVER TEN YEARS IN A MEDICAL-SURGICAL ICU IN A TERTIARY CARE CENTER IN LEBANON / N. K. Zahreddine* - J. Tannous - T. Kardas - R. Ahmadieh - Z. Kanafani - S. Kanj Sharara
- P215** JUST DO IT! INCIDENCE REGISTRATION OF CLABSI AND CAUTI MAY BE EASIER THAN YOU THINK / M. Walberg*
- P216** IMPACT OF AUTOMATED SURVEILLANCE HAND HYGIENE AND PREVENTIVE INTERVENTIONS ON DEVICE-ASSOCIATED INFECTIONS AT A TERTIARY CARE INDIAN HOSPITAL / N. Rastogi* - P. Mathur - A. Karoung - J. Gunjiyal
- P220** INFLUENCE OF COAGULASE NEGATIVE STAPHYLOCOCCUS IN BLOOD CULTURE ON CATHETER-RELATED INFECTIONS DIAGNOSIS / J. Ory* - M. Vidal - N. Mrozek - O. Lesens - C. Aumeran
- P223** PREDISPOSING FACTORS IN THE FORMATION OF BIOFILMS IN INDWELLING BILIARY STENTS / C. Vaishnavi* - J. Samanta - P. Kapoor - R. Kochhar
- P226** REDUCTION OF METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS BACTERAEMIAS IN HAEMODIALYSIS PATIENTS FOLLOWING THE THE KUBLER-ROSS CHANGE CYCLE / C. Farrugia* - M. Borg

Methicillin-resistant *Staphylococcus aureus* (MRSA) and vancomycin-resistant *Enterococci* (VRE)

Chairperson: Marin Schweizer (US)

- P246** CONTROL OF HOSPITAL-ACQUIRED VANCOMYCIN RESISTANT ENTEROCOCCI (VRE) COLONISATION: A DESCRIPTIVE STUDY / L. Jie* - Q. S. Meng - M. T. Cabahug - Y. Wang - T. Y. Tan
- P248** WHOLE GENOME SEQUENCING HIGHLIGHTED TWO SMALL ST117 VANCOMYCIN-RESISTANT ENTEROCCUS OUTBREAKS WITHIN A LARGE ST80 OUTBREAK / E. Moulin* - L. Senn - D. Blanc - M. Abdelbary - G. Chaillou - N. Demartines - G. Greub
- P250** KNOWLEDGE OF TRANSMISSION BASED PRECAUTIONS AMONG SOUTH INDIAN HEALTH CARE WORKERS- A REPORT / D. Sureshkumar - J. Hemalatha* - S. Saravanakumar
- P251** PREVENTION OF STAPHYLOCOCCUS AUREUS BACTERAEMIA IN HAEMODIALYSIS PATIENTS / M. Holland* - I. Gupta - T. Stevenson - J. Baharani
- P253** INFECTION CONTROL STRATEGIES TO PREVENT METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS INFECTIONS IN A TERTIARY HOSPITAL / S. A. Salleh* - N. Jalil - S. R. Yusuf - N. R. Mahawar - R. Yacob - F. Anuwar - N. Mohamad Kosnen
- P258** EPIDEMIOLOGY OF BIOFILM FORMATION AND VIRULENCE IN CLINICAL METHICILLIN- RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) ISOLATES / S. Altaner* - F. Günther - N. T. Mutters - N. Henny
- P259** BACTERIOLOGICAL SCREENING OF BREAST MILK SAMPLES DESTINED TO DIRECT MILK DONATION: PROSPECTIVE EVALUATION BETWEEN 2007 AND 2015 / C. Masson* - C. Minebois - C. Braux - I. Pelloux - L. Marcus - V. Belin - F. Cneude - T. Debillon - C. Landelle - M.-R. Mallaret
- P260** EXPLORING THE RELATIVE IMPORTANCE OF DIFFERENT SURFACES IN NOSOCOMIAL PATHOGENS TRANSMISSION VIA CONTACT ROUTE / H. Lei* - R. Jones - Y. Li
- P263** METHICILLIN-SUSCEPTIBLE STAPHYLOCOCCUS AUREUS IN THE NEONATAL INTENSIVE CARE UNIT: DO NOT UNDERESTIMATE THE SPREAD / C. Fondrinier* - P. Thibon - C. Lesteven - M. Fines-Guyon - V. Cattoir - X. Le Coutour - B. Guillois

Extended spectrum beta-lactamase (ESBL) / Multidrug-resistant *Acinetobacter* and *Pseudomonas*

Chairperson: Joost Hopman (NL)

- P264** UGLY BUGS IN THE HEALTHY GUTS! - CARRIAGE OF MULTIDRUG RESISTANT AND ESBL PRODUCING COMMENSAL ENTEROBACTERIACEAE IN THE INTESTINE OF HEALTHY NEPALESE ADULTS / N. P. Parajuli* - A. Maharjan - G. Joshi - P. R. Khanal
- P267** IMPROVING ADMISSION PROCEDURES OF PATIENTS AT RISK OF MULTIDRUG-RESISTANT ORGANISMS: AN EDUCATIONAL INTERVENTION / D. Joubert* - S. Cullati - A.-C. Rae - B. Mugnier - D. Pittet on behalf of Geneva University Hospitals, Switzerland
- P268** AN OUTBREAK OF EXTENDED-SPECTRUM BETA-LACTAMASE (ESBL)-PRODUCING KLEBSIELLA PNEUMONIAE IN A REHABILITATION CENTER: AN UNUSUAL SOURCE AND SUPPOSED ROUTE OF TRANSMISSION / M. Boonstra - D. Spijkerman - A. Voor in 't holt - R. Van der Laan - L. Bode - W. Van Vianen - C. Klaassen - M. Vos - J. Severin*
- P269** PREVALENCE ON ADMISSION AND ACQUISITION OF EXTENDED-SPECTRUM BETALACTAMASE PRODUCING - ENTEROBACTERIACEAE (ESBL-E) IN GERIATRICS / C. Fankhauser-Rodriguez* - J. Schrenzel - V. Prendki - M. Desilets - V. Sauvan - M.-N. Chraiti - F. Maechler - P. Gastmeier - S. Harbarth
- P270** HIGH PREVALENCE OF ESBL-PRODUCING BACTERIA IN PRIVATE AND SHARED LATRINES IN AN INFORMAL URBAN SETTLEMENT IN DAR ES SALAAM, TANZANIA / S. Herb - L. D'Mello - H. M. Malebo* - R. M. Njee - F. Matwewe - J. Ensink - V. Hinic - A. Widmer - R. Frei
- P273** ANTIBIOTIC RESISTANCE TRENDS OF SALMONELLA ENTERICA SEROTYPE TYPHI IN ZIMBABWE (2012 - 2017) / T. Mashe* - M. Mugabe - B. Stray-Pedersen - A. Tarupiwa - K. H. Keddy - A. M. Smith - S. Zinyowera - S. L. Smouse - A. Sooka - J. Mbanga
- P274** RISK FACTORS ASSOCIATED WITH FAECAL CARRIAGE OF EXTENDED-SPECTRUM -LACTAMASE (ESBL) PRODUCING ENTEROBACTERIACEAE IN HOSPITALISED CHILDREN IN HARARE, ZIMBABWE / C. Gardiol* - A. Aiken - M. Magwenzi

- P279** THE HOSPITAL SANITARY AS A SOURCE OF A VIM-PRODUCING MULTIDRUG RESISTANT *PSEUDOMONAS AERUGINOSA* OUTBREAK AT THE PAEDIATRIC HEMATO-ONCOLOGY WARD / E. De Brabandere* - R. Ablorh - I. Leroux-Roels
- P283** PERFORMANCE OF ACINETOBACTER BAUMANNII SCREENING AMONG PATIENTS ADMITTED IN ICU AT A SWISS TERTIARY CARE HOSPITAL / A. Kenfak Foguena* - D. Blanc - A. Croxatto - J.-L. Pagani - L. Senn
- P285** ATTRIBUTABLE MORTALITY RATES AND SEPSIS SCORES OF PATIENTS WITH EXTENSIVE DRUG-RESISTANT ACINETOBACTER BAUMANNII BACTEREMIA / W. Laochareonsuk - P. Wanachaiwat - W. Boonsomsuk - T. Sangsuwan* - S. Jamulirat

Inpatient antibiotic use and antibiotic stewardship

Chairperson: Benedikt Huttner (CH)

- P72** USING A THEORETICAL MODEL TO EXPLORE NURSE INDEPENDENT PRESCRIBERS' ANTIOTIC PRESCRIBING BEHAVIOUR / V. Ness - L. Price - K. Currie - J. Reilly*
- P299** EFFECT OF AN INTERVENTION TARGETING INAPPROPRIATE CONTINUED EMPIRICAL VANCOMYCIN USE: A QUASI-EXPERIMENTAL STUDY IN A REGION OF HIGH MRSA PREVALENCE / P. G. Choe* - H. L. Koo - E. Lee - K.-H. Song - W. B. Park - J. H. Bang - E. S. Kim - H. B. Kim - S. W. Park - M.-D. Oh - N. J. Kim
- P300** IMPLEMENTING ANTIMICROBIAL STEWARDSHIP PROGRAM IN A CANCER HOSPITAL IN PAKISTAN / A. Raza* - F. Sultan
- P304** EFFECTS OF THE ANTIMICROBIAL STEWARDSHIP PROGRAMS ON THE ANTIMICROBIAL RESISTANCE AND CLINICAL OUTCOMES IN A TERTIARY UNIVERSITY HOSPITAL / J. Li* - L. Li - Y. Xie - W. Yin - F. Qiao - S. Zhu - Z. Zong
- P309** INNOVATIVE E-HEALTH BASED ANTIMICROBIAL STEWARDSHIP PROGRAM: THE FIRST 2 YEARS OF THE ROAD AHEAD / C. Palos* - L. França - P. Rodrigues
- P311** ANTIOTIC PRESCRIPTION: BARRIERS AND SUGGESTED ANTIOTIC STEWARDSHIP INTERVENTIONS IN TWO PORTUGUESE HOSPITALS / A. S. Simões - D. A. Alves - J. Gregório - S. Dias - P. Póvoa - I. Couto - M. Viveiros - L. Gonçalves - L. V. Lapão*

Hand hygiene: understand, teach and promote / in-vivo and in-vitro

Chairperson: Margreet Vos (NL)

- P314** HAND HYGIENE CAMPAIGN TO IMPROVE COMPLIANCE IN NURSING HOMES / L. Qalla-Widmer* - D. Héquet - M. Attinger - C. Petignat
- P320** HAND HYGIENE IN DUTCH GENERAL PRACTICE OFFICES / N. Hilt* - M. Lokate - A. OldeLoohuis - A. Voss
- P321** THE BUBBLE OF LIFE - HAND HYGIENE SAVES LIVES / C. Kilpatrick* - J. Storr
- P325** UNDERSTANDING CONSUMER PERCEPTIONS OF HEALTHCARE-ASSOCIATED INFECTIONS AND HAND HYGIENE THROUGH A GLOBAL SURVEY / C. Kilpatrick* - B. Allegranzi - M. McGuckin
- P326** HAND HYGIENE ADHERENCE IN RELATION TO INFLUENZA SEASON OVER SIX CONSECUTIVE YEARS / R. Fulchini* - P. Kohler - C. R. Kahlert - W. C. Albrich - R. Kuhn - M. Schlegel
- P330** VIRUCIDAL ACTIVITY OF WHO-HAND RUB FORMULATIONS AGAINST ENVELOPED VIRUSES INCLUDING ZIKA, EBOLA AND EMERGING CORONAVIRUSES / F. H. H. Brill* - A. Siddharta - S. Pfaender - N. J. Vielle - R. Dijkman - M. Friesland - B. Becker - J. Yang - M. Engelmann - D. Todt - M. P. Windisch - J. Steinmann - S. Becker - M. P. Alves - T. Pietschmann - M. Eickmann - V. Thiel - E. Steinmann
- P337** OPTIMIZING HAND HYGIENE ACTION: HANDRUBBING FOR 15 SECONDS WITH HAND SIZE CUSTOMIZED VOLUME / D. Pires* - H. Soule - F. Bellissimo-Rodrigues - M. E. de Kraker - D. Pittet
- P338** SHOULD IN-VITRO BASED EFFICACY TESTING INFLUENCE CLINICAL RECOMMENDATIONS FOR HAND ANTISEPSIS? / O. Assadian*
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- P405** MOBILE PHONES: A BOON OR BANE IN THE HOSPITAL SETTING? / J. M. Maragia*
- P406** SHORT-TERM EFFICACY OF INTRODUCING A WIPE FOR STETHOSCOPES CLEANING: A BEFORE AND AFTER STUDY IN CLINICAL SETTING / N. Rocha-Pereira - C. Figueiredo - A. Silva-Pinto - A. Gomes - A. Dias* - C. Pereira - G. Braga - C. Lima-Alves
- P407** MICROBIAL CONTAMINATION ON TRANSVAGINAL ULTRASOUND PROBES IN A GINECO-OBSTETRICS DEPARTMENT OF A TERTIARY HOSPITAL IN SPAIN / P. Peremiquel Trillas* - J. Á. Rodrigo-Pendás - L. Armadans-Gil - J. Gonzalez-Montes - M. Goya-Canino - E. Llurba-Olivé - J. Esperalba-Esquerra - V. Rodríguez-Garrido - G. Roig-Carabajosa - E. Carreras-Moratona - M. Campins-Martí
- P408** GLOBAL SURVEY ON THE HANDLING OF HUMAN WASTE AND BEDPAN MANAGEMENT / G. V. Knippenberg-Gordebeke* - T. T. Lieske - P. Brenner - J. Gauthier
- P409** MICROBIAL DISSEMINATION FROM A PATIENT TOILET / J. Cooper* - E. Bryce - S. Henderson - G. Astrakianakis - K. Bartlett
- P410** MATTRESSES AND COVERS: SLEEPING WITH THE ENEMY! / C. A. Palos* - P. Pereira - A. S. Bispo
- P411** USING A MULTIDISCIPLINARY APPROACH IN INFECTION PREVENTION AND CONTROL TO PROVIDE SAFE PATIENT'S CARE / Y. Leharova* - R. Rodrigues - V. Cass - C. Frenette
- P412** THE ROLE OF CLEAN AND SAFE HEALTH FACILITIES(CASH) INITIATIVE IN INFECTION PREVENTION AND CONTROL PRACTICES IN SELECTED HEALTH FACILITIES, ETHIOPIA / M. G. Fisehatsion*
- P413** ECO-FRIENDLY HOSPITALS - ARE THEY A RISK FOR HOSPITAL HYGIENE? / C. Höller* - B. Knörr
- P414** CLEANING AND DISINFECTION PROCEDURES IN BAVARIAN HOSPITALS: SURVEY OF THE CURRENT STATUS / U. Kandler* - C. Ertl - S. Nickel - V. Lehner-Reindl - C. Höller
- P415** USING EDUCATION TO IMPROVE THE KNOWLEDGE AND BELIEFS OF ENVIRONMENTAL SERVICE WORKERS / M. W. Chen* - I.-C. Hung
- P416** INVESTIGATIONS ON THE INFLUENCE OF ARCHITECTURE AND DESIGN ON THE OCCURRENCE OF NOSOCOMIAL INFECTIONS AND MULTIRESTANT PATHOGENS / W. Sunder* - J. Holzhausen
- P417** PREVENTION OF HEALTHCARE-ASSOCIATED INFECTIONS IN INTENSIVE CARE UNITS - POTENTIAL FOR IMPROVEMENT DUE TO CONSTRUCTION DESIGN AND OPERATIONAL ACTIONS / I. Dreßler* - J. Holzhausen - W. Sunder - H. Budelmann
- P418** SPATIAL REMODELING OF A CENTRAL STERILE SUPPLY DEPARTMENT OF A BRAZILIAN UNIVERSITY HOSPITAL: A CASE REPORT / C. E. S. Pelaes* - C. M. Rodrigues - A. A. Napoleao - A. F. B. Locilento - F. L. Lucenti - L. R. S.Avo - V. C. Gabassa - F. F. Neves - M. N. Suzuk i- B. R. Martins - R. M. Figueiredo

Friday 23 June 2017

Scientific Programme

Friday 23 June

08:00 - 08:50

MEET THE EXPERT SESSIONS

Hand hygiene hands-on: compliance monitoring and validation of the observers

Room 01

Speakers: Daniela Pires (CH), Josiane Starzel-Boissard (CH), Carolina Fankhauser (CH)

The World Health Organization (WHO) core components for infection prevention and control: evidence-based approach, self-assessment implementation strategy

Room 02

Speakers: Benedetta Allegranzi (WHO), Sonja Hansen (DE), Sara Tomczyk (WHO)

The use of personality profiling to improve compliance in infection control activities

Room 03

Speakers: Michael Borg (MT), Lindsay Grayson (AU)

Do we need more trans-continental research in infection prevention and control (IPC) and antimicrobial resistance (AMR) control?

Room 16

Speakers: Stephan Harbarth (CH), John Jernigan (US)

Friday 23 June

09:00 - 10:30

DRIVE-AB SYMPOSIUM

Responsible antibiotic use and new developments

Room 01

Chairpersons: Inge Gyssens (NL), Matthew Samore (US)

What is the global burden of antimicrobial resistance (AMR)?

09:00

Marlieke de Kraker (CH)

How to define and monitor responsible antibiotic use

09:20

Inge Gyssens (NL)

Anything exciting in the antibiotic development pipeline?

09:40

Ursula Theuretzbacher (AT)

New economic models for antibiotic development

10:00

Chantal Morel (UK)

Discussion

10:20

SLIDE SESSION

Surveillance of healthcare-associated infections

Room 02

Chairpersons: Loreen Herwaldt (US), Nicola Petrosillo (IT))

Abstract N° O28

09:00

Burden of healthcare-associated infections in outpatient care - a systematic review

Q. Fu (CN)

D. Neves, W. Zingg

Abstract N° O29

09:12

Bacteremia surveillance in hospitals and clinics of three cantons of Switzerland: a fifteen year report (2001-2015)

D. Hequet (CH)

C. Petignat

Abstract N° O30

09:24

The national surveillance of healthcare-associated infections in the intensive care units of Taiwan, South Korea and Japan

C.-H. Chiang (TW)

S.-C. Pan, T.-S. Yang, K. Matsuda, Y.-C. Chen



Abstract N° O31

09:36

Comparison of CDC/NHSN surveillance definitions and ECDC criteria in diagnosis of healthcare associated infections in Serbian ICU patients

O. Djuric (SR)

L. Markovic-Denic, B. Jovanovic, M. Stopic, V. Bumbasirevic

Abstract N° O32

09:48

Linking structure & process indicators with intensive care unit-acquired infection surveillance

A. Savye (FR)

A. Lepape, A. Machut, J.-F. Timsit, J.-C. Lucet, F. L'Heriteau, M. Aupee, C. Bervas, S. Boussat, D. Lepelletier, A. Berger-Carbonne on behalf of REA-RAISIN network

Abstract N° O33

10:00

Structure, process and outcome quality of surgical site infection surveillance in Switzerland

S. P. Kuster (CH)

M.-C. Eisenring, H. Sax, N. Troillet on behalf of Swissnos

Abstract N° O34

10:12

An electronic surgical site infection surveillance based on the electronic self-reporting and additional targeted audit

D. Chung (KR)

C. Jongrim, S. Y. Cho, D. Kim

INTEGRATED SYMPOSIUM

Reducing catheter-related bloodstream infections (CRBSI) in line with guidelines: simple solutions for serious problems

Room 03

Refer to page 49 for detailed programme

COFFEE BREAK AND VISIT OF THE EXHIBITION

10:30 - 11:00

Friday 23 June

11:00 - 11:40

KEYNOTE LECTURE

Past, current, and future challenges at Centers for Disease Control and Prevention (CDC)

Room 01

Chairperson: Didier Pittet (CH)

Speaker: Denise Cardo (US)

SLIDE SESSION

Behaviour and harm

Room 03

Chairpersons: Michael Borg (MT), Hugo Sax (CH)

Abstract N° O35

11:00

Are contact precautions associated with physical adverse events?

A systematic literature review and meta-analysis

M. Schweizer (US)

R. Nair, D. Livorsi, M. Goto, E. Balkenende, N. Safdar, D. Morgan, E. Perencevich

Abstract N° O36

11:12

Cost-effectiveness of psychologically tailored hand hygiene interventions: results of the PSYGIENE-trial

T. von Lengerke (DE)

C. Krauth, J. T. Stahmeyer, B. Lutze, K. Lange, I. F. Chaberry

Friday 23 June

11:45 - 13:00

SPECIAL SESSION

Prix Hubert Tuor - ICPIC Innovation Academy: The Finals

Room 01

Chairpersons: John Conly (CA), Didier Pittet (CH)

With the kind support of Fondation Hubert Tuor

Presentation of the best 5 innovation academy projects selected by the international jury of experts

SLIDE SESSION**Epidemiology and control of multi-resistant bacteria****Room 02**

Chairpersons: Carmem Pessoa (WHO), Pascal Astagneau (FR)

Abstract N° O37

11:45

Attributable cost and length of stay of nosocomial multidrug resistant Gram-negative bacteria cultures

R. E. Nelson (US)

V. W. Stevens, M. Jones, K. Khader, M. Samore, M. L. Schweizer, E. N. Perencevich

Abstract N° O38

11:57

Surveillance of bloodstream infections due to extended-spectrum beta-lactamase-Enterobacteriaceae (ESBL), between 2012 and 2015 in France

I. Arnaud (FR)

O. Bajolet, O. Barraud, A. Berger-Carbonne, X. Bertrand, H. Blanchard, E. Caillat-Vallet, L. Cavalie, M. Colomb-Cotinat, L. Dugravot, C. Dumartin, T. Fosse, S. Glorion, E. Reyraud, A. Savey, L. Simon, E. Sousa, D. Trystram, V. Jarlier, P. Astagneau

Abstract N° O42

12:09

Impact of universal methicillin resistant *Staphylococcus aureus* (MRSA) admission screening on MRSA bacteraemia incidence at Mater Dei hospital, Malta

C. Farrugia (MT)

M. Borg, E. Scicluna

Abstract N° O40

12:21

Factors influencing the acceptability of screening for carbapenemase-producing Enterobacteriaceae; mixed method study of the general publics' views

K. Currie (UK)

J. Reilly on behalf of AMR-BESH Study Group

Abstract N° O41

12:33

Multimodal strategy to reduce the incidence of carbapenem-resistant *Klebsiella pneumoniae*

W. Cornistein (AR)

A. Novau, L. Paulovsky, L. Fabbro, G. Kremer, M. L. Pereyra, J. Alvarez, P. Pratesi, V. Vilches

Abstract N° O39

12:45

Prevalence of ST131 clone among ESBL-producing *E. coli* responsible for bloodstream infection (BSI) at Geneva university hospitals (HUG)

C. Fankhauser-Rodriguez (CH)

P. Francois, D. Baud, E. von Dach, J. Schrenzel, S. Harbarth

Abstract N° O43

12:57

Do probiotics reduce the duration of vancomycin-resistant *Enterococci* (VRE) carriage?

L. Jie (SG)

I. Kerner, S. Y. Ong, C. K. Eu, S. Y. Ng, T. Y. Tan

SLIDE SESSION**Surgical site infections****Room 03**

Chairpersons: Marin Schweizer (US), Anna Maruta (ZW)

Abstract N° O44

11:45

Structure and process indicators for the prevention of surgical site infections: results of a European pilot survey

T. Kärki (SE)

C. Suetens on behalf of HAI-Net SSI pilot survey group

Abstract N° O45

11:57

Semi-automated surveillance of deep surgical site infections after cardiothoracic surgery

M. E. Sips (NL)

M. J. Bonten, M. S. van Mourik

Abstract N° O46

12:09

Conducting surgical site infection surveillance following caesarean section in a low resource setting

A. Maruta (ZW)

S. Mehtar, V. Jean Robertson, T. Manase

Abstract N° O47

12:21

A systematic literature review of implementation approaches to reduce surgical site infections

S. Berenholtz (US)

P. Ariyo, B. Zayed, A. Latif, C. Kilpatrick, B. Allegranzi



Friday 23 June 2017

Scientific Programme

Abstract N° O48

12:33

A preliminary conceptual model on the relationship between two implementation approaches for surgical site infection prevention

C. Kilpatrick (WHO)

J. Storr, B. Zayed, B. Allegranzi

Abstract N° O49

12:45

A bundled intervention to decrease risk of complex *Staphylococcus aureus* surgical site infections among patients undergoing clean operative procedures

M. L. Schweizer (US)

H.-Y. Chiang, M. Ward, N. Noiseux, J. Greenlee, M. Bashir, D. Diekema, A. Haleem, R. Nair, L. Herwaldt

Friday 23 June

13:05 - 13:20

ICPIC CLOSING

Closing & award ceremony

Room 01

Chairpersons: Didier Pittet (CH), Andreas Voss (NL)

Tuesday 20 to Friday 23 June 2017

ICPIC CLIP AWARDS

TUESDAY 20 TO FRIDAY 23 JUNE

ICPIC CLIP AWARDS

The ICPIC clips will be shown from Tuesday 20 June to Friday 23 June on a TV screen in the exhibition area.

Participants will be able to vote for their favorite clip online. The award winners will be announced in the closing & awards ceremony on Friday 23 June at 13:05 in Room 1.

ICPIC Clip awards

- P203 BE A HERO AND DEFEND HEALTH! JOIN THE PREVENTIVE MEASURES FORCE: HAND HYGIENE, RESPIRATORY HYGIENE, AND COUGH ETIQUETTE / S.-H. Tseng*
- P204 HANDS TO YOURSELF. JUST IMAGINE WHAT YOU DO TO YOUR PATIENTS / A. S. Bispo* - C. Palos - P. Pereira
- P205 ANTIBIOTICS AWARENESS WEEK: RESERVE ANTIBIOTICS FOR A REAL BACTERIAL INFECTION / S.-C. Pan* - G.-J. Chen - K.-L. Tien - W.-H. Sheng - Y.-C. Chen - S.-C. Chang on behalf of Center for Infection Control, National Taiwan University Hospital
- P206 HAND HYGIENE FLASH MOB IN NURSING HOME: WHEN THE RESIDENTS, THE ACTORS OF THEIR OWN HEALTH BECOME ACTORS AS WELL / O. Weinachter - E. Monnot - C. Savouret - C. Duvernay - S. Morizet - N. Floret*
- P207 HAND HYGIENE PROMOTION WITH CELEBRITIES / B. Szél*
- P208 HAND HYGIENE PAINTING FESTIVAL, MASHHAD-IRAN / M. H. Aelami* - A. Mohajeran - M. Khalesi
- P209 CCLIN SUD-OUEST 'S VLOG - EXDR / C. Bervas* - V. Deroissart - P. Parneix - E. Sousa - A.-G. Venier - C. Dumartin

Integrated Symposia Programme

Wednesday 21 June 2017

Wednesday 21 June 09:00 - 10:30

Current challenges in hand hygiene research and action

Room 04

Organized by: Saraya



Chairpersons: Dinah Gould (UK), Andreas Widmer (CH)

Hand hygiene clinical trials 09:00
Liz Kingston (IE)

Should *in-vitro* based efficacy testing influence clinical recommendations for hand antisepsis? 09:20
Ojan Assadian (UK)

Reconsidering hand hygiene observation methodology 09:40
Dinah Gould (UK)

Involving patients or parents in hand hygiene promotion 10:00
Fernando Bellissimo (BR)

Discussion 10:20

Wednesday 21 June 11:45 - 13:00

Training in infection prevention and control: future perspectives

Room 04

Organized by: European Committee on Infection Control (EUCIC)



Chairpersons: Evelina Tacconelli (DE), Silvio Brusaffero (IT)

The EUCIC training programme 11:45
Nico Mutters (DE)

Future European Union perspectives 12:05
Dominique Monnet (ECDC)

Practical insight 12:25
Enrique Castro-Sanchez (UK)

Round table discussion 12:45

Wednesday 21 June 14:30 - 16:00

How to implement guidelines into clinical practice?

Room 04

Organized by: Ecolab



Chairpersons: Philip Carling (US)

Let's be clear: there's a problem 14:30
Evonne Curran (UK)

How to implement guidelines? 14:50
Markus Dettenkofer (DE)

Dreaming of the ideal scenario for guidelines implementation 15:10
Pawel Grzesiowski (PL)

How to use the new model Centers for Disease Control and Prevention (CDC) Guidelines? 15:30
Philip Carling (US)

Thursday 22 June 2017

Thursday 22 June

09:00 - 10:30

State-of-the-art hand hygiene

Room 04

Organized by: GOJO Industries, Inc.

Chairpersons: James Arbogast (US), Bill Jarvis (US)



Handrubbing revisited: volume, duration, sequence and technique

09:00

Fernando Bellissimo (BR)

What's new in automated hand hygiene monitoring?

09:20

John Boyce (US)

Belgian national hand hygiene campaign (2004-2017):

09:40

how to ensure sustainability over so many years

Anne Simon (BE)

The future hand hygiene research agenda

10:00

Bill Jarvis (US)

Discussion

10:20

Thursday 22 June

11:45-13:00

Addressing recent challenges in infection control

Room 04

Organized by: Swissnoso

Chairpersons: Charles Huskins (US), Andreas Widmer (CH)



National Center
for Infection Control

Burkholderia cepacia outbreak linked to Sinaqua washing gloves

11:45

Jonas Marschall (CH)

Lessons learned from the global *M. chimaera* outbreak

12:10

Hugo Sax (CH)

Surgical antibiotic prophylaxis: analysis of 120'000 patients

12:35

Andreas Widmer (CH)

Thursday 22 June

14:30 - 16:00

In the focus of attention: growing microorganisms

Room 04

Organized by: Dr Schumacher



Dr. Schumacher

The future of surface disinfection - Importance, safety and compliance

14:30

Jens Schumacher (DE)

Development of a European method to prove the disinfectant wipe efficacy for virus removal from surfaces

15:00

Maren Eggers (DE)

Validation of the reprocessing of ultrasonic probes using wipe disinfection including the aspect of biocompatibility

15:30

Edyta Stec (DE)

Thursday 22 June 2017

Thursday 22 June

16:30 - 18:00

The World Health Organization (WHO) Guidelines on surgical site infection (SSI) prevention - intra-operative recommendations

Room 04

Organized by: Johnson & Johnson

Chairpersons: David Leaper (UK), Mohamed Abbas (CH)



The burden of surgical site infection (SSI) and the World Health Organization (WHO) Guidelines - intraoperative considerations

16:30

Mohamed Abbas (CH)

Surgical site infection (SSI) care bundles - Clinical, practical and economic implications

16:45

David Leaper (UK)

Triclosan coated sutures: their use in colorectal surgery

17:00

Marja Boermeester (NL)

Guidance on layer closure with triclosan coated sutures

17:15

Joerg Schroeder (DE)

Discussion

17:30

Friday 23 June 2017

Friday 23 June

09:00 - 10:30

Reducing catheter-related bloodstream infections (CRBSI) in line with guidelines: simple solutions for serious problems

Room 03

Organized by: 3M

Chairpersons: Matthias Trautman (DE)



Introduction

09:00

Matthias Trautman (DE)

Should guidelines integrate the use of chlorhexidine dressings to prevent catheter-related bloodstream infections (CRBSI)?

09:05

Annette Jeanes (UK)

Effectiveness of antiseptic caps: a systematic review and meta-analysis

09:25

Onno Helder (NL)

The new German guidelines: recommendations for intra and extraluminal prevention of catheter-related bloodstream infections (CRBSI)

09:45

Arne Simon (DE)

Sutureless fixation of central venous catheters (CVC): has the time come?

10:05

Olivier Mimoz (FR)

Discussion

10:25

Satellite Symposium Programme

Tuesday 20 June 2017

Tuesday 20 June

13:00-14:30

Infection prevention and the role of the environment

Room 03

Organized by: Diversey Care

Chairpersons: Stephen Dalton (NL)



Surface disinfection: efficacy claims, test protocols and new challenges

13:00

Jean Yves Maillard (UK)

Our evolving understanding of pathogen dissemination and environmental hygiene in healthcare

13:45

Peter Teska (US)

Travel Fellowships

ICPIC 2017 would like to express its gratitude to the following sponsors and private donators for offering travel fellowships and support grants to enable the attendance of young researchers and delegates from low-income countries to the conference



Hôpitaux
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WHO Collaborating Centre
on Patient Safety
Infection Control & Improving Practices



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Mohamed Abbas

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Philippe Eggimann

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Bursaries

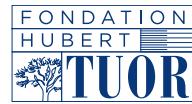
Thanks to their generous support, the following young researchers or delegates from lower income countries are able to attend ICPIC 2017:

- Olorukooba Abayomi Abdulhakeem (NG)
Ahmed Samir Abutayeh (PS)
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Prix Hubert Tuor - ICPIC Innovation Academy

"If at first, the idea is not absurd, then there is no hope for it. Innovation is not the product of logical thought, although the result is tied to logical structure."

Albert Einstein, Physicist and Nobel Laureate, who spoke often of innovation and creativity



What is the "Innovation Academy"?

The Innovation Academy is a unique opportunity to allow investigators and participants at ICPIC 2017 to participate in a forum which brings together thought leaders in the area of innovations in the practice of infection control and prevention of antimicrobial resistance. It is the first introduction of such an event to an Infection Prevention and Control Meeting and should be an exciting opportunity for all attendees. The Innovation Academy brings together experts from diverse fields that can interact during the planned symposium, the investigator presentations, a social event and a final presentation and awarding of three "Innovation Awards of Excellence" which will be judged by the Expert International Jury of the Academy. The Awards will consist of a certificate, a cash prize and a trophy.

Why should there be an "Innovation Academy"?

The word innovation has its roots in Latin, stemming from innovatus which means to renew or change and although innovation may be seen as a renewal process, it requires a new way of applying decisions or a new application of an existing discovery. It is an important concept in business, economics, engineering, technology and design and is becoming more important in the area of medicine as well. The objective of the Academy is to provide a collaborative interaction between infection control professionals and antimicrobial resistance experts, design experts, technology leaders and business entrepreneurs.

When will the Innovation Academy be held?



Prix Hubert Tuor - ICPIC Innovation Academy - Poster visit

Wednesday 21 June 13:14 - 14:15 (Poster Area)

Prix Hubert Tuor - ICPIC Innovation Academy - the Pitch

Wednesday 21 June 14:30 - 16:00 (Room 01)

Prix Hubert Tuor - ICPIC Innovation Academy - the Finals

Friday 23 June 11:45 - 12:45 (Room 01)

*"Just as energy is the basis of life itself, and ideas the source of innovation, so is innovation the vital spark of all human change, improvement and progress".
Theodore Levitt, Economist and author of "Globalization of Markets"*

Semmelweis at ICPIC

The story of Ignaz Semmelweis' struggle to introduce hand hygiene to the Vienna General Hospital holds a special place in the heart of many infection control professionals. His pioneering use of epidemiology, his determined pursuit of an infection prevention intervention and his vigorous championing of patient safety mean that - despite his faults - he remains an inspiration to those who follow.

Semmelweis Day - This session involves internationally renowned infection control experts presenting their own experiences and opinions regarding hand hygiene promotion. What are the key ingredients to a successful campaign? What does the future hold for hand hygiene? How to achieve excellence in hand hygiene at institutional level?

This year, the ICPIC Lounge will be dedicated to the exhibition of materials on the theme of Refugees & Migrants. Tuesday 20 June 2017 has been marked by UN Refugee Agency as the **World Refugee Day**. #WithRefugees
Follow the path of refugees and make sure to visit the ICPIC Lounge.

MOVIE PROJECTION

Movie: Clean Hands

Directors: Géraldine André and Stéphane Santini

Plot: This documentary is the result of an encounter. Neither with a man nor a cause, but with both inseparably linked. Hand hygiene in healthcare has been driving Prof. Didier Pittet for the last 20 years. A global burden killing 16 million per year throughout the world. Didier Pittet's actions as well as the generalization of alcohol-based handrubs have cut by half the death toll directly due to nosocomial infections. From Vietnam to Liberia, from the UK to Guinea, Brazil or Saudi Arabia, Clean Hands will take you to the core of an amazing story. It all began at HUG twenty years ago, and has now conquered the world.

BOOK SIGNING

Book: Resistants

Author: Thierry Crouzet (FR)

Publisher: Bragelonne

Plot: The passengers of a yacht are suddenly stricken by a super-bacterium, resistant to antibiotics. Except Katelyn, a young medical student. Why is she the only survivor? Recruited by the Anti-Bioterrorism Center, she is assigned the mission of finding the disease's carrier, even if it means becoming intimate with him. But the man she is hunting awakes contradictory feelings inside her. Perhaps he's not killing blindly...

Book signing is taking place either at ICPIC Lounge or at POPS booth n°35 on Tuesday 20 June from 19:00, and Wednesday 21 June from 18:45.

Exhibition

During the 4th ICPIC Conference, an attractive exhibition is presented to all delegates.
Catering will be served in the exhibition area.

EXHIBITION OPENING HOURS

Tuesday 20 June

18:30 - 20:00

Thursday 22 June

10:00 - 18:00

Wednesday 21 June

10:00 - 17:00

Friday 23 June

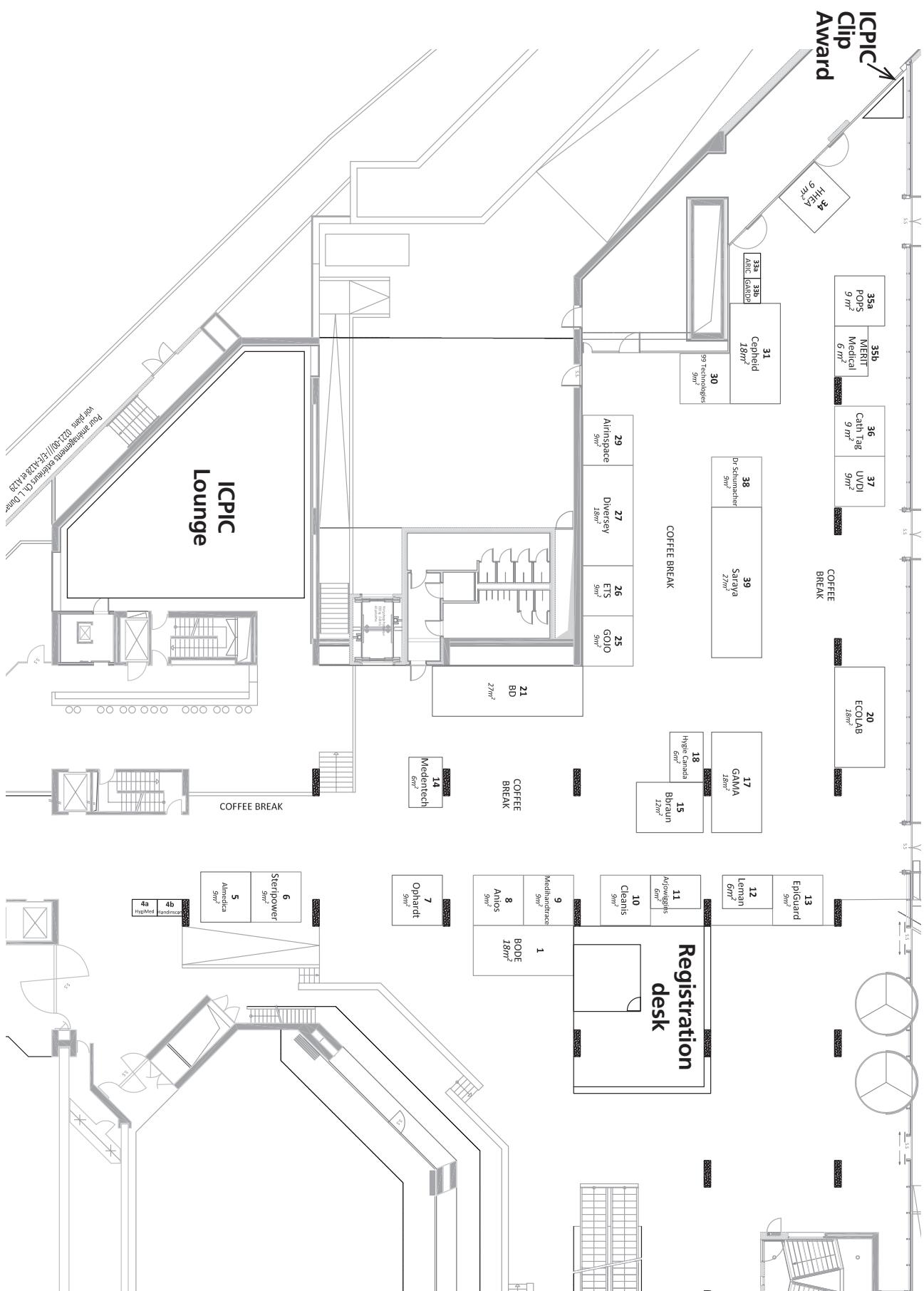
08:30 - 12:00

Layout of Exhibition Area

Company Name	Booth Number	Company Name	Booth Number
99 Technologies SA	30	Global Antibiotic R&D Partnership (GARDP)	33b
Airinspace	29	GOJO Industries	25
Almedica	5	Handinscan ZRT	4b
ARIC	33a	HHEA	34
Arjowiggins Security	11	Hygie Canada Inc.	18
Bbraun Medical AG	15	HygiMed	4a
BD	21	Laboratoires Anios	8
BODE Chemie GmbH	1	Leman Surgical SA	12
CATH TAG	36	Medentech	14
Cepheid	31	Medihandtrace	9
Cleanis	10	Merit Medical System, Inc.	35b
Diversey BV	27	Ophardt Hygiene-Technik GmbH & Co. KG	7
Dr Schumacher	38	POPS	35
ECOLAB Europe GmbH	20	Saraya Co. Ltd	39
EpiGuard AS	13	Steripower GmbH & Co. KG	6
European Tissue Symposium (ETS)	26	Ultraviolet Devices, Inc.	37
Gama Healthcare Ltd.	17		



Layout of Exhibition Area



Notes

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99^T
99Technologies



CATH TAG
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EPI GUARD Medical isolation and transportation systems

ESCMID MANAGING INFECTIONS PROMOTING SCIENCE



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Le professionnel de la désinfection

mediHandTrace

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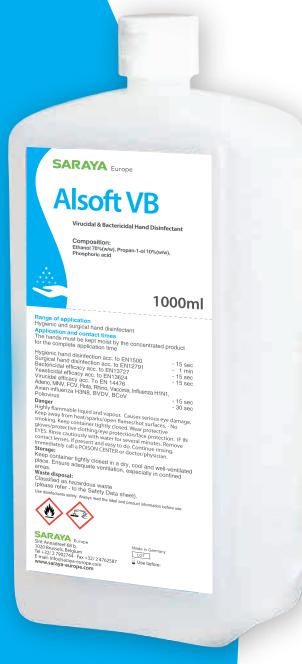
UVDI
UltraViolet Devices, Inc.

Société suisse d'hygiène hospitalière
Schweizerische Gesellschaft für Spitalhygiene
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FORUM
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Japan's Leading Hygiene Partner



Alsoft VB

Hygienic and Surgical Hand Disinfectant - FULL VIRUCIDAL

Developed by the Japanese leader in hand hygiene, Saraya Co., Ltd., Alsoft VB is a hygienic and surgical hand disinfectant takes a unique combination of active ingredients with phosphoric acid to achieve excellent efficacy against a wide spectrum of microorganisms including non-enveloped viruses in a brief contact time while being gentle on the skin.

CEN standards:

Virucidal Activity : EN14476 15s

Hygienic Handrub : EN1500 15s

Surgical Handrub : EN12791 1.0min

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