



## PROGRAM AND LECTURE ABSTRACTS

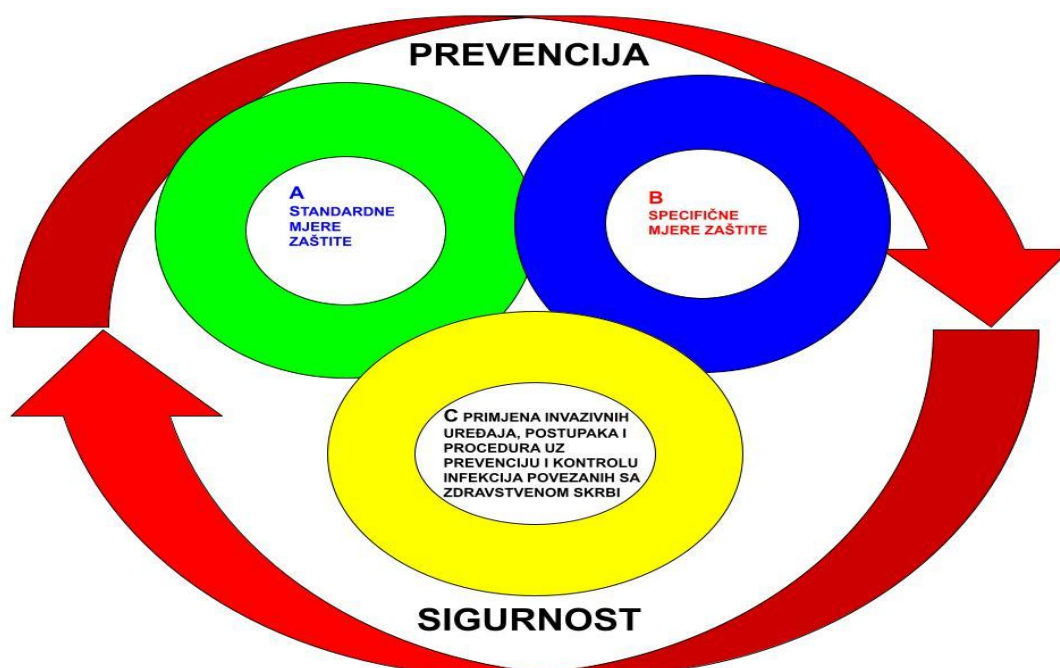
**Fourth Category 1 Course  
and Third International Course**

**"Basics of Prevention and Control of Healthcare-Associated Infections in  
Healthcare"**

**University Sjever, University Center Varaždin**

**February 26 and 27, 2026**

**Society for Prevention and Control of Healthcare-Associated Infections  
of HUMS**





***“Krenite korak po korak. Ne morate vidjeti čitavo stubište. Samo napravite prvi korak.”***  
*Martin Luther King*

Dear colleagues,

It is our honor and pleasure to invite you to the Fourth Category 1 Course and the Third International Course "Fundamentals of Prevention and Control of Healthcare-Associated Infections in Healthcare" for nurses and technicians based on the competencies of the nursing profession. The course is intended for all nurses and technicians, regardless of their level of education, who wish to supplement and improve their current knowledge, practice and experience in the prevention and control of healthcare-associated infections based on new evidence-based knowledge through lectures and practical part of the classes by renowned and certified lecturers in the prevention and control of healthcare-associated infections.

Nurses, technicians and nursing students are directly involved in all segments of patient care. With a well-designed education model, we can significantly influence the reduction of the spread of all healthcare-associated infections, reducing mortality, morbidity and the cost of treatment. The importance and need for education of nurses, technicians and nursing students in the basics of prevention and control of healthcare-associated infections at the national and local levels and their impact on the level of healthcare provided have been proven by many studies. We are all moving in the same direction, we are all equally important and have a common goal: the safety of patients, users/residents/clients and healthcare professionals from healthcare-associated infections, and we should not ignore the fact that we could find ourselves in both roles.

We expect that through this course, with a de novo education model on the basics of prevention and control of healthcare-associated infections in healthcare, obtained by a high consensus of recognized experts in the Republic of Croatia in this field, based on the competencies of the nursing profession, we will provide the same basic knowledge to nurses and technicians as well as nursing students and thus directly influence the reduction of healthcare-associated infections and their consequences.

We look forward to cooperation and new knowledge, the exchange of good experiences and the correction of bad ones, as well as mutual companionship during the Course.

Mihaela Kranjčević-Ščurić  
President of the Organizing Committee

## **ORGANIZER**

**Croatian Nurses Association - Society for the Prevention and Control of Healthcare-Associated Infections**

### **Co-organizers:**

University Sjever, University Center Varaždin

Croatian Chamber of Nurses

Varaždin General Hospital

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Jude Robinson ICN, Infection Prevention Society UK

## **ORGANIZING COMMITTEE**

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Assoc. Prof. Dr. Melita Sajko

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Ivica Ščurić, MSc., Neurology Specialist

Assoc. Prof. Dr. Natalija Uršulin Trstenjak

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Nikolina Zaplatić Degač, mag. physioth.

Zoran Žeželj, mag. med. techn.

Assoc. Prof. dr. sc. Ivana Živoder

## **EXPERT BOARD**

**President**

**Martina Močenić, mag. med. tech.**

*Members:*

Prof. dr. sc. Maja Abram

Prof. dr. sc. Nataša Boban

Prof. dr. sc. Zrinka Bošnjak

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Slađana Dukarić Leverić, mag.med.techn.  
Patricija Dulibić, mag. med. techn.  
Samira Festić, mag. med. techn.  
Mario Gazić, mag. med. techn.  
Blaženka Gorupić, mag. med. techn.  
Vesna Grubješić, mag. med. techn.  
Jasminka Horvatić, mag. med. techn.  
Prof. dr. sc. Smilja Kalenić  
Smiljana Kolundžić, mag.med.techn.  
Valentina Koščak, mag. med. techn.  
dr. sc. Mihaela Kranjčević-Ščurić, mag. med. techn.  
Mr. sc. Lorena Lazarić-Stefanović dr. med.  
Ines Leto, mag. med. techn.  
Jasenska Lončarić, mag. med. techn.  
Morana Magaš, mag. med. techn.  
Dijana Matković, mag. med. techn.  
Olga Rojnić, univ. mag. med. techn.  
Ksenija Strelec, mag. med. techn.  
Ivica Ščurić, dr. med., spec. Neurologije

## **IT SUPPORT**

University Sjever, University Center Varaždin  
Branimir Kolman, B.A. in Business Informatics  
Erik Deban, B.A. in Business Informatics

## **PATRONAGE**

Varaždin County  
City of Varaždin  
Ministry of Health of the Republic of Croatia

**Agency: Certitudo partner d.o.o**

## **USEFUL INFORMATION**

**Venue University Sjever, University Center Varaždin, Ul. 104. brigade 1, 42000 Varaždin**

Date:

February 26 and 27, 2026

### ***Scoring***

*According to the HKMS regulations for the 1st category course: 11 points for course participants after successfully passing the final exam, 16 points for lecturers.*

*According to the HLK regulations for the 1st category course: 15 points for lecturers.*

### ***Registration Instructions***

***Registration Desk: Ground Floor of UNIN2 Building, University Sjever***

***Registration Desk Hours: 26. 2. 2026 from 8:30 to 9:00, from 11:00 to 11:30, from 12:30 to 13:00***

***Travel Order Verification: at the registration desk***

***Course Halls, UNIN2: 110 - upstairs; practice rooms on the ground floor - 101, 102 and 103***

***Schedule of student exercises: at the door of the room***

### **Accreditation card**

The accreditation card with your name and surname is proof that you are taking the Course and we ask that you carry it throughout the entire Course.

### **Registration fee**

**120 euros, number of participants limited to a maximum of 100 nurses/technicians.**

Registration fee includes: participation in lectures and exercises, professional course materials, exam, HKMS points, certificate of participation, lunch and refreshments during the coffee break.

**Participant obligations:** application that allows scanning of QR code, attendance at lectures and exercises, wearing accreditation, taking the final knowledge exam, evaluation of the Course.

Accommodation of the Course participants is by their own arrangement or through the Certitudo agency.

**Third Category 1 Course and Second International Course**  
**"Basics of Prevention and Control of Healthcare-Associated Infections in Healthcare"**  
**University North, Varaždin University Center, February 26-27, 2026**

***PROGRAM***

***Objectives of the Course***

Participants of the course "Fundamentals of prevention and control of healthcare-associated infections in healthcare" will be able to:

- successfully, independently and correctly apply the acquired competencies by assessing the need, selecting and performing procedures for the prevention and control of healthcare-associated infections in healthcare and promote the importance of the prevention and control of healthcare-associated infections in healthcare institutions and the community
- successfully, independently and correctly perform procedures related to the proper collection and handling of samples for microbiological processing
- successfully, independently and correctly apply the acquired competencies by assessing the need, selecting and performing procedures for the prevention of various infections related to the use of invasive procedures, procedures and devices, apply the rules of asepsis (routine/standard and surgical) and carry out basic disinfection procedures as well as the preparation, checking and storage of sterile material depending on the individual sterilization method
- successfully, independently and correctly apply the acquired competencies by assessing the need, selecting and performing procedures for the prevention and control of infections related to highly resistant microorganisms and those with a high potential for spread (*Clostridioides difficile*, MRSA, VRE, KPC, OXA-48, SARS CoV-2, norovirus etc.) as well as disinfection of the patient area and handling of infectious and sharp medical waste

***Expected outcomes of the Course***

*Participants of the course "Fundamentals of prevention and control of healthcare-associated infections in healthcare" will know:*

***A - Standard protection measures (patient/client and healthcare worker safety)***

- assess the need and accordingly apply basic rules of conduct and protective equipment of standard protection measures
- apply proper procedures for handling and disposing of infectious and sharp medical waste, as well as procedures for the prevention of blood-borne infections

***B - Specific protective measures based on the mode of transmission***

- demonstrate proper measures depending on the mode of transmission of the infectious agent/colonization, use and disposal of selected protective equipment
- assess the policy, rules and practices of patient accommodation, isolation and transfer (contact isolation, droplet isolation, airborne isolation)

***C - Use of invasive procedures, procedures and devices to prevent and control healthcare-associated infections***

- assess the risk of infection
- demonstrate basic rules of asepsis, cleaning, disinfection and sterilization
- apply basic rules and protocols for preventing infections associated with intravascular catheters, urinary catheters, hospital-acquired respiratory tract infections and surgical site infections
- demonstrate proper collection, storage and transport of microbiological specimens

<b>THURSDAY, February 26, 2026</b> <b>University Sjever, University Center Varaždin, UNIN2 - Hall 110</b>	
<b>8:00 – 8:30</b>	Registration
<b>8:30 – 9:15</b>	Opening and welcome speech
<b>9:15 – 9:30</b>	Opening of the professional part of the course
	Moderator: Blaženka Gorupić, mag. med. techn.
	<b>A - STANDARD PROTECTION MEASURES</b> <b>The importance of prevention and control of healthcare-associated infections in healthcare</b>
<b>9:30 – 9:50</b>	Healthcare-related infections, patient and healthcare worker safety Prof. Ph.D. Smilja Kalenić
<b>9:50 – 10:10</b>	Legal responsibility of nurses Mario Gazić, mag. Med. tech
<b>10:10 – 10:30</b>	Prevention of healthcare-associated infections - experiences from Sweden Assoc. Prof. Dr. Sc. Vedrana Vejzović
<b>10:30 – 10:50</b>	Prevention of healthcare-related infections - educational models from Great Britain. Jude Robinson ICN, President of IPS UK
<b>10:50 – 11:10</b>	Prevention of healthcare-associated infections - educational models from Romania. Andrea Capilna
<b>11:10 – 11:30</b>	<b>COFFEE BREAK</b>
<b>11:30 – 11:50</b>	The importance of epidemiology in the prevention and control of healthcare-related infections Assoc. prof. Ph.D. Nataša Boban, MD.
<b>11:50 – 12:10</b>	Hand hygiene strategies - basic concepts Assoc. Prof. Dr. Zrinka Bošnjak
<b>12:10 – 12:30</b>	Proper handling and safe disposal of municipal, infectious and sharp medical waste Jasminka Horvatić, mag. med. techn.
<b>12:30 – 12:50</b>	Standard and specific protective measures based on the mode of transmission of resistant microorganisms and the importance of proper use of personal protective equipment (PPE) Marija Čulo, mag. med. techn. and dr.sc. Mihaela Kranjčević-Šćurić, mag. med. techn.
<b>12:50 – 13:10</b>	<b>Sponsored lecture - PHARMACOL D.O.O. - CONFIRMED</b>
<b>13:10 – 14:00</b>	<b>LUNCH BREAK</b>
<b>14:00 – 14:20</b>	The importance of environmental hygiene in healthcare institutions Martina Močenić mag.med.techn., dr.Alexandra Peters
<b>14:20 – 14:40</b>	Proper cleaning and disinfection of the patient's environment (zone) and handling of hospital linen Toni Vlainić, mag. med. techn.
<b>14:40 – 15:00</b>	Prevention of blood-borne infections Ksenija Strelec, mag. med. techn.
<b>15:00 – 15:20</b>	<b>Sponsored lecture - PHARMACOL D.O.O. – RESERVED</b>
<b>15:20 – 15:40</b>	<b>Sponsored lecture – MEDIS ADRIA D.O.O. - CONFIRMED</b>
<b>15:40 – 16:00</b>	<b>Sponsored lecture –</b>
<b>16:00 – 16:20</b>	<b>COFFEE BREAK</b>
	<b>B - SPECIFIC PROTECTION MEASURES BASED ON THE MODE OF TRANSMISSION OF HEALTHCARE-ASSOCIATED INFECTIONS IN HEALTHCARE (resistant microorganisms and those with high potential for spread)</b>

16:20 – 17:40	<p><b>Workshop - Standard and specific protective measures (3 groups in 3 rooms). Topics:</b> application of my 5 moments for hand hygiene and proper use of gloves, educational interactive game on PC - my 5 moments for hand hygiene, proper use of sharp objects and prevention of percutaneous injuries (needles...), proper selection and use of personal protective equipment depending on the pathogen (standard, droplet, aerosol isolation)</p> <p><b>Leaders of workshops in health care offices:</b>  A/ UNIN2-101 -Cabinet A/- Patricija Dulibić, mag. med. techn. and Samira Festić, mag. med. techn.  B/ UNIN2-102 -Cabinet B/- Ksenija Strelec, mag. med. techn. and Slađana Dukarić Leverić, mag. med. techn.  C/ UNIN2-103 -Cabinet C/- Dijana Matkovic, mag. med. techn. and Valentina Koščak, mag. med. techn.</p>
17:40 – 19:00	<p><b>Workshop - The importance of environmental hygiene in healthcare</b></p> <p><b>Workshop leaders in the health care cabinets:</b>  A/ UNIN2-101 - Cabinet A/- Martina Močenić, mag. med. techn. and dr. sc. Andrea Capilna  B/ UNIN2-102 - Cabinet B/- Ines Leto, mag. med. techn. and Tea Peroš, mag. med. techn.  C/ UNIN2-103 - Cabinet C/- Morana Magaš, mag. med. techn. and Jasenka Lončarić, mag. med. techn.</p>
<p align="center"><b>FRIDAY, February 27, 2026.</b>  <b>University Sjever, University Center Varaždin, UNIN2 - Hall 110</b></p>	
	Moderator: Blaženka Gorupić, mag. med. techn.
8:30 – 8:50	<p>Specifics of prevention and control of healthcare-associated infections in pediatric and neonatological care  Samira Festić, mag. med. tech.</p>
8:50 – 9:10	<p>Specifics of prevention and control of healthcare-related infections in homes for the elderly and infirm and social inpatient institutions  Mr. sc. Lorena Lazarić Stefanović, MD. and Martina Močenić, mag. Med. tech.</p>
9:10 – 9:30	<p>Antibiotic-associated enterocolitis caused by Clostridioides difficile toxin  Prof. Dr. Maja Abram</p>
9:30 – 10:00	<b>COFFEE BREAK</b>
10:00 – 10:20	<p>Respiratory etiquette/cough hygiene and the importance of vaccination.  Mr. sc. Lorena Lazarić Stefanović, dr. med.</p>
10:20 – 10:40	<p>Prevention of the transmission of microorganisms resistant to multiple antibiotics and those with a high potential for spreading in healthcare institutions Prof. Ph.D. Maja Abram</p>
10:40 – 11:00	<p>Proper sampling for microbiological analysis Ines Leto, mag. med. techn. and Tea Peroš, mag. med. techn.</p>
11:00 – 11:20	<p>Basics of cleaning, disinfection, sterilization and asepsis procedures  Valentina Koščak, mag. med. techn.</p>
11:20 – 11:40	<p>Application of infection control standards as an indicator of the quality of nursing care and professional responsibility of nurses/technicians  Smiljana Kolundžić, mag. med. techn.</p>
11:40 – 12:00	<b>SPONSOR LECTURE-</b>
12:00 – 12:20	<b>SPONSOR LECTURE-</b>
12:20 – 13:00	<b>LUNCH BREAK</b>
	<p><b>C - APPLICATION OF INVASIVE PROCEDURES AND DEVICES for the prevention and control of healthcare-related infections - in theory and practice</b></p>



13:00 – 16:45	<p>The theoretical and practical part of the workshop is organized for all participants (3 groups in 3 cabinets A, B and C, each cabinet starts with topic A, B or C and a new group every 60 min)</p> <p><b><u>A/ Cabinet 101</u></b></p> <p>1. Prevention of urinary catheter-related urinary infections - key points and importance of insertion and maintenance (UTI) bundles - key points in the prevention of urinary infections associated with urinary catheters</p> <p>Theoretical and practical part: Ksenija Strelec, mag. med. Techn. and Dijana Matković, mag. med. tech.</p> <p><b><u>B/ Office 102</u></b></p> <p>1. Prevention of infections associated with intravascular catheters (BSI) - key points and importance of bundles for insertion and maintenance 2. Prevention of infections associated with drainage catheters, peritoneal and dialysis catheters - key points and importance of bundles for maintenance - key points of prevention of infections associated with intravascular catheters: central venous catheters, arterial and peripheral venous catheters; drainage catheters, peritoneal and dialysis and other catheters 3. Prevention of infections associated with port catheters - key points and importance of bundles for insertion and maintenance</p> <p>Theoretical and practical part: Jasenka Lončarić, mag. med. techn., Slađana Dukarić Leverić, mag. med. techn. and Marina Dembić, mag. med. techn.</p> <p><b><u>C/ Office 103</u></b></p> <p>1. Prevention of infections associated with the use of mechanical ventilation (VAP) - key points and importance of bundles for introduction and maintenance 2. Prevention of surgical site infections and use of surgical safety checklist - key points and importance of bundles - key points of prevention of infections associated with acquired respiratory tract infections (ventilator-associated pneumonia) and prevention of surgical site infections and use of surgical safety checklist</p> <p>Theoretical and practical part: Morana Magaš, mag. med. techn. and Vesna Grubješić, mag. med. techn.</p>
16:45 – 17:45	<b>DISCUSSION, FINAL KNOWLEDGE TEST, COURSE EVALUATION, COURSE CLOSING</b>

***SPONZORI***