



13th WFCCN Congress & 10th UINARS Congress
Sava Centar, Belgrade, Serbia, October 25-28th, 2018.



ACCREDITED Health Council of Serbia
Number of accreditation 153-02-2275/2018-D1 D-1-966/18
Invited speaker: **15 license points** Author of oral presentation: **13 license points**
Author of poster presentation: **11 license points** Participant: **10 license points**

Final Programme of 13th WFCCN Congress & 10th UINARS Congress





WFCCN President: Paul Fulbrook



UINARS President: Gordana Dragosev

Dear Colleagues,

On behalf of the World Federation of Critical Care Nurses (WFCCN) and the Nurses Society of Intensive Care, Anesthesia and Reanimation of Serbia (UINARS) we have a great pleasure in welcoming you to the 13th WFCCN & 10th UINARS Congress.

This unique congress of two critical care nursing organizations indicates the strength of collaboration of critical care nurses worldwide and reflects the purpose of Congress - to further celebrate and expand existing collaborations. In this context, the aim of the congress is to build new international networks, exchange ideas, experiences, and knowledge to advance our critical care nursing profession.

The program includes a variety of clinical, educational, and research topics. The International Scientific Committee is particularly pleased to announce that we received 120 abstracts from colleagues representing all world continents. The program covers a record of 20 scientific sessions with over 100 oral presentations and over 21 poster presentations. The International Scientific Committee has selected excellent speakers and interesting and innovative scientific papers that will be certain to provide a stimulating and contemporary international program.

We sincerely hope that you will find the scientific program an enriching educational experience and that you will have the opportunity to network and foster new links with colleagues from all over the world.

Feel inspired to enjoy the lovely city of Belgrade too!

Welcome to Serbia and Belgrade city, very well known by their hospitality!

INTERNATIONAL ORGANIZING COMMITTEE

- Adriano Friganović, Croatia – chair
- Gordana Dragosev, Serbia – co chair
- Violeta Lopez, Singapore
- Sofija Kurtovic, Serbia
- Petar Mirković, Serbia
- Kathleen Vollman, USA

INTERNATIONAL SCIENTIFIC COMMITTEE

- Paul Fulbrook, Australia – chair
- Dragana Milutinovic, Serbia – co chair
- Radmilo Janković, Serbia
- Cliff Aliga, Uganda
- Bronagh Blackwood, UK
- Nikki Credland, UK
- Sigbjorn Flatland, Norway
- Sandra Goldsworthy, Canada
- Ruth Kleinpell, USA
- Jaya Kuruvilla, India
- Marcelo Morales, Argentina
- Frederique Paulus, Netherland
- Isabelita Rogado, Philippines
- Ged Williams, UAE
- Susan Yeager, USA

LOCAL SCIENTIFIC AND ORGANIZING COMMITTEE

- Gordana Dragošev, Serbia– chair
- Daliborka Dimitrić, Serbia – co chair
- Sofija Kurtović, Serbia
- Biljana Savić, Serbia
- Jovanka Otašević, Serbia
- Sanja Ivanković, Serbia
- Jelena Milovanović, Serbia
- Suzana Stanišev, Serbia
- Dunja Majstorović, Serbia



Venue: Hall 1 International Program		Day 1: Thursday 25 October 2018
10:00 - 10:45	Opening Ceremony	Moderators: <i>Sofija Kurtovic</i> (Serbia)
10:00 10:15	Welcome address: UINARS President: Gordana Dragosev WFCCN President: Paul Fulbrook	
10:15 10:45	Welcoming entertainment	
10:45 12:00	Plenary session (with translation)	Moderators: <i>Sofija Kurtovic</i> (Serbia)
10:45 11:10	Influence of preoperative patient anxiety on intraoperative and postoperative outcome Gordana Dragosev, Serbia	
11:10 11:35	Critical care in Africa: challenges and prospects Cliff Aliga, Uganda	
11:35 12:00	The quality improvement movement in critical care: using performance measures to improve outcomes Sarah Livesay, USA	
12:00 - 12:30	Break	
12:30 - 13:30	Thematic session: International perspectives I	Moderators: <i>Ged Williams</i> (UAE)
12:30 12:45	European perspectives of nurse specialists Adriano Friganovic, Croatia	
12:45 13:00	Barriers and strategies to patient and family engagement in the ICU Ruth Kleinpell, USA	
13:00 13:15	Cultural care: MICE project update Eva Barkestad, Sweden	
13:15 13:30	Results of the fifth world critical care nursing association survey Paul Fulbrook, Australia	
13:30 - 14:30	Lunch break	
14:30 - 15:45	Thematic session: Education in critical care	Moderators: <i>Sofija Kurtovic</i> (Serbia)
14:30 14:45	Who should be an intensivist? Radmilo Jankovic, Serbia	
14:45 15:00	Competency based orientation program: impact on new cardiac nurses' self-confidence and clinical competence Laila Abeddin, Kingdom of Saudi Arabia	
15:00 15:15	Applying Meleis's transition model in ICU patients' transfer Violeta Lopez, Singapore	
15:15 15:30	Qualitative exploration of nurses' perspectives on clinical oxygen administration in Ghana Faustina Excel Adipa, Ghana	
15:30 15:45	Simulation: a strategy to build competence and confidence in critical care nurses Sandra Goldsworthy, Canada	
15:45 -16:15	Afternoon tea break	
16:15 - 17:30	Thematic session: Patient and family care	Moderators: <i>Adriano Friganovic</i> (Croatia)
16:15 16:30	Patient and family care in the ICU: results of a collaborative of 62 ICUs Ruth Kleinpell, USA	
16:30 16:45	Inter-speciality nursing rounds - improving patient care Marion Mitchell, Australia	
16:45 17:00	Humanizing intensive care: focus on the patient family and the health team Marcelo Morales, Argentina	
17:00 17:15	Communication in the team Sofija Kurtović, Serbia	
17:15 17:30	Family-centred care in the ICU: progressing beyond expectations Jos Latour, UK	
Evening: WELCOME COCKTAIL		

Venue: Hall 1	International Program	Day 2: Friday 26 October 2018
09:00 - 10:30	Thematic session: International perspectives II	Moderators: Sandra Goldsworthy (Canada)
09:00 09:15	The good, the bad and ugly of critical care in sub-Saharan Africa Cliff Aliga, Uganda	
09:15 09:30	Impact of implementing Intensive Care Outreach Nurse (ICON) in 4 UAE hospitals Ged Williams, UAE	
09:30 09:45	Patients outcome at the emergency unit of Korle-Bu Teaching Hospital: the role of ambulance services Faustina Excel Adipa, Ghana	
09:45 10:00	Rationing nursing care in Croatia Adriano Friganovic, Croatia	
10:00 10:15	Factors influencing Chinese patients' decision in seeking early treatment upon onset of chest pain Violeta Lopez, Singapore	
10:15 10:30	Crew resource management - can a nurse be a co-pilot? Sanja Ivankovic, Serbia	
10:30 - 11:00	Coffee break	
11:00 - 12:30	Thematic session: Quality and safety	Moderators: Susan Yeager (USA)
11:00 11:15	Why we need a "bundle" to optimize ICU patients' recovery and outcomes Maria Isabelita Rogado, Philippines	
11:15 11:30	Target zero: evidence based nursing care to reduce hospital acquired infections Kathleen Vollman, USA	
11:30 11:45	Reducing serious patient infections using simple WHO techniques Ged Williams, UAE	
11.45 12:00	Pressure injury prevention Paul Fulbrook, Australia	
12:00 12:15	Eye care in the intensive care unit: nurses' knowledge, attitudes and practices Dušanka Cvijanović, Serbia	
12:15 12:30	Critical care nurse work environments: how urgent is this issue? Sandra Goldsworthy, Canada	
12:30 - 13:30	Lunch break	
13:30 - 15:00	Thematic session: Best practice I	Moderators Paul Fulbrook (Australia)
13:30 13:45	ARDS patients surviving and thriving: early application of the evidence matters Kathleen Vollman, USA	
13:45 14:00	VAP prevention: zero pneumonia program Alicia San José, Spain	
14:00 14:15	Risk factors for patient safety in PICU Sofija Kurtovic, Serbia	
14:15 14:30	Caring for the frail elderly patient in ICU: a future challenge for critical care nurses Rosa Thorsteinsdottir, Iceland	
14:30 14:45	"No Brainer" neurologic evaluation Susan Yeager, USA	
14:45 15:00	Delirium - what do we know and what do we need to know? Marion Mitchell, Australia	
15:00 - 15:30	Afternoon tea break	
15:30 - 17:00	Thematic session: Best practice II	Moderators Kathleen Vollman (USA)
15:30 15:45	Early mobilization in the ICU Alicia San José, Spain	
15:45 16:00	Why nurses play a critical role in stepwise early mobilization Belle Rogado, Philippines	
16:00 16:15	Non pharmacological interventions to decrease the incidence of delirium in critically ill patients, Isabel Coetzee, Arieta Kruger, South Africa	
16:15 16:30	Post Intensive Care Syndrome - how can we create an impact? Susan Yeager, USA	
16.30 16:45	Emotional intelligence: a key for nurses' success Laila Abeddin, Kingdom of Saudi Arabia	
16:45 17:00	Pearls and pitfalls of implementing the ICU liberation bundle in neurocritical care Sarah Livesay, USA	

Venue: Hall 2	Program	Day 2: Friday 26 October 2018
09:00 - 10:30	Thematic session: Nursing Management	Moderators: <i>Maria Isabella Rogado, (Philippines), Sanja Ivankovic (Serbia)</i>
09:00 09:15	Survey and analysis on core competencies of ICU specialty nurses in China Yongming Tian, Yu Xu, China	
09:15 09:30	Relationship between individualized care perceptions and moral distress of intensive care nurses Meryem Türkan Işık, Gülay Yıldırım, Turkey	
09:30 09:45	Status of ICU nursing in China: a cross-sectional survey Meng Yu, Debin Huang, Pengbo Yan, Hong Sun, Qingyin Li, China	
09:45 10:00	Environmental stressors perceived by patients in surgery and internal intensive care units Kurşun Şerife, Büşra Çakir, Turkey	
10:00 10:15	The analysis of current status and influencing factors of critical care nurses` attitude to nursing adverse events reporting Yu Xu, Aiping Du, Yongming Tian, China	
10:15 10:30	Directions for the development of nursing as an independent health profession: nurse as the manager of health care Samela Zelic, BIH	
10:30 - 11:00	Coffee break	
11:00 - 12:30	Thematic session: Improving Practice	Moderators: <i>Adriano Friganovic (Croatia), Emina Petrovic (Serbia)</i>
11:00 11:15	Guidelines for thinking, decision-making and ethical actions of Nurses in intensive care unit Sofija Kurtovic, Petar Mirkovic, Serbia	
11:15 11:30	Satisfaction Perception of Patients Who Receive WarfarinTherapy Treatment Ayşe Uçar, <u>Selda Arslan</u> , Turkey	
11:30 11:45	Health literacy of hospital patients at University hospital center Osijek, Osijek, Croatia Martina Ivanišić, <u>Šarika Gajnok</u> , Croatia	
11.45 12:00	Critical care nurses` beliefs and self-reported practices related to pain assessment in nonverbal patents in ICU and ED Qing Li, Xiaoying Wu, China	
12:00 12:15	The experiences and satisfaction of family members of adult patients in intensive care units Burcu Küççük, <u>Belgin Akın</u> , Alime Selçuk Tosun, Turkey	
12:15 12:30	Study on the status of turnover intention and its association with nursing work environment among ICU Nurses in Henan Province Shuyin Cao, Hui Yang, Liming Li, Shichao Zhu, Yongju Pei, China	
12:30 – 13:30	Lunch break	
13:30 - 15:00	Thematic session: Issues in Practice	Moderators: <i>Eva Barkestad (Sweden), Rosa Thorsteinsdottir (Iceland)</i>
13:30 13:45	Constipation in critically ill patients. An evidence-based clinical guideline for management of constipation in the ICU Mathilde Elsa Christensen, Maria Ingrid Bianca Klette, Britt Sætre Hansen, Norway	
13:45 14:00	Cognitive impairment after intensive care unit admission: a systematic review Li Yao, Nannan Ding, Zhi-Gang Zhang, Jin-Hui Tian, Cai-Yun Zhang, China	
14:00 14:15	The effect of methods used in hair care of intensive care patients on hemodynamic parameters Gulay Altun Ugras, Meryem Turkan Isik, Hasan Serinol, Turkey	
14:15 14:30	Comparison of the NRS2002 and the NUTRIC Score in the prognosis prediction of oncologic patients in the intensive care unit Xiuwan Chen, Haihua Zhu, China	
14:30 14:45	Social distances to anxiety and schzofrenia cases by the effects of demographic factors Burcu Ceylan, Mustafa Semiz, Turkey	
14:45 15:00	Nursing procedures during and after emergency cerebral revascularization Dragan Stojic, Serbia	
15:00 - 15:30	Afternoon tea break	
15:30 15:45	Ethics versus law in nurse anesthetists practice Mevludin Babajic, Bosnia and Herzegovina	
15:45 16:00	Informatization construction on nursing of China: a visualization analysis Li Yao, Zhi-Gang, Jin-Hui Tian, Cai-Yun Zhang, China	
16:00 - 17:00	Workshop (parallel session) Writing for publication Paul Fulbrook, Australia	
		21:00 EVENING: GALA DINNER

Venue: Hall 3	Program	Day 2: Friday 26 October 2018
09:00 - 10:30	Thematic session: Cardiac care	Moderators: Sarah Livesay (USA), Dusan Veljkovic (Serbia)
09:00 - 09:15	Expert consensus on nursing care of patients undergoing intra-aortic balloon pump counterpulsation after coronary artery bypass grafting Li Shi, Qingyin Li, Meng Yu, Feifei Zhuang, Lin Zhang, China	
09:15 - 09:30	Nurse's role in treating patients with acute conditions in interventional cardiology Dusan Veljkovic, Ana Grozdanovic, Srbija	
09:30 - 09:45	Organization of Services for clinical hemostasis and cardiopulmonary bypass Zorica Lazarević, Serbia	
09:45 - 10:00	Organization of nurse's service in cardiosurgical intensive care unit Aleksandra Milenkovic, Serbia	
10:00 - 10:15	Impact of early intensive rehabilitation care in patients undergoing cardiac surgery in a single center: a quasi-experimental study Lin Zhao, QingYin Li, ChunYing Huo, YunXIA Hao, Li Shi, Lin Liu, China	
10:15 - 10:30	Effect of peri operative chlorhexidine bathing on reducing the incidence of infection in patients with acute aortic dissection Jun Zhong, Jili Zheng, Yan Xue, Jingyi Zhang, China	
10:30 – 11:00	Coffee break	
11:00 - 11:45	Workshop: Position statement on the provision of critical care nursing education Moderators: Sandra Goldsworthy, Canada	
11:45 -12:30	Workshop: Position statement: The Rights of Critically Ill Patient Moderators: Susan Yaeger USA	
12:30 – 13:30	Lunch break	
13:30 -14:15	Workshop: Position statement on the provision of critical care workforce Moderators: Mellisa Bloomer, Australia	
14:15 - 15:00	World campaign: Sepsis prevention Stop sepsis campaign in Serbia Gordana Dragosev, Biljana Savić, Sofija Kurtovic, Dunja Majstorović, Serbia Stop sepsis campaign in Croatia Jelena Slijepčević, Jelena Mijić Andelić, Mirjana Meštrović, Adriano Friganović, Croatia	
15:00 - 15:30	Afternoon tea break	
15:30 - 15:45	Recognize sepsis – save the life Slavica Trifunecvic, Serbia	
15:45 - 16:00	Intrahospital infections in ICU Dubravac Elmedin, Bosnia and Herzegovina	

Venue: Hall 1	Program	Day 3: Saturday 27 October 2018
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08:00 - 09:00	Workshop: Multimodal monitoring in the intensive care unit Moderators: Gordana Dragosev, Sasa Ristic, Mirela Stefanovic, Biljana Savic, Jelena Milovanovic, Gutovic Miljana, Sofija Kurtovic, Serbia	
09:00 - 09:15	The "ABC" of hemodynamic monitoring in the critical ill patient Isabel Coetzee, South Africa	
09:15 - 09:30	Brain tissue oxygenation monitoring (PbtO2) in cerebral aneurism patient care. Case study Mirjana Meštrović, Jelena Vrgoč, Mario Bepaljko, Ivan Lončar, Croatia	
09:30 - 10:00	Break	
10:00 - 12:00	Thematic session: Education in Critical Care	Moderators: Zorica Kardos (Slovenia), Sofija Kurtovic (Serbia)
10:00 - 10:15	Simultaneous learning Zorica Kardos, Slovenia	
10:15 - 10:30	Telehealth In Pediatric Patients Perver Mustu, Sibel Kucuk, Perver Mustu, Dilek Uludasdemir, Turkey	
10:30 - 11:00	The effect of simulation method on intramuscular injection administration to ventrogluteal site knowledge Serpil Akbaş Sü, Nesime Demirören, Turkey	
11:00 - 11:15	High risk medicines applications; Potassium infusion in simulation Saide Faydalı, Turkey	
11:15 - 11:30	Education of nurses and physicians in UHC "Sestre milosrdnice", Zagreb on cardiopulmonary arrest and resuscitation Sandro Vidmanic, Sabina Babic, Adriano Friganovic, Nikolina Vratan, Croatia	
11:30 - 11:45	Nursing students' healthy lifestyle behaviours: preliminary outcomes for follow-up Dilek Cingil, Ayşenur Gürel, Gülfidan Başer, Filiz Hisar, Turkey	
11:45 - 12:00	Being a student nurse in a Neurosurgical ICU: A qualitative study Serpil Yüksel, Gülay Altun Uğraş, Turkey	
Parallel session		

10:00 - 12:30	Workshop: Cardiopulmonary Cerebral Resuscitation – Demonstrators of clinical skills on trainer dolls for education Moderators: Gordana Dragosev, Sasa Ristic, Mirela Stefanovic, Biljana Savic, Mirjana Maletic, Jelena Milovanovic, Gutovic Miljana, Sofija Kurtovic, Daliborka Dimitric, Serbia	
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Venue: Hall 2	Program	Day 3: Saturday 27 October 2018
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09:00 - 10:30	Thematic session: Descriptions of innovative practice and new ways of working	Moderators: Marion Mitchell (Australia), Biljana Savic (Serbia)
09:00 - 09:15	The effect of using eye masks and earplugs in intensive care units on patients quality of sleep and vital sign Ayyüce Tuba Kulaksız, Selda Arslan, Turkey	
09:15 - 09:30	The safety of High Frequency Oscillation Ventilation on adult ARDS:A meta analysis Yuchen Wu, Zhigang Zhang, Caiyun Zhang, Jinhui Tian, China	
09:30 - 09:45	Information and readiness for discharge status of patients with total knee replacement Kurşun Şerife, Özlem Çiftçi, Turkey	
09:45 - 10:00	Postoperative nursing intervention in surgical treatment Myasthenia gravis Maja Vučković, Sanja Jelić, Serbia	
10:00 - 10:15	Determinants of symptom burden in old patients with chronic obstructive pulmonary disease Na Zhang, China	
10:15 - 10:30	Peaceful end of life theory for the care of the children patient at the terminal period Sibel Kucuk, Dilek Uludasdemir, Perver Mustu, Turkey	
10:30 - 11:00	Break	
11:00 - 12:30	Thematic session: Advancing the care of the critically	Moderators: Violeta Lopez (Singapore), Biljana Savic (Serbia)
11:00 - 11:15	Application of spiral opening transparent restraint device in safety monitoring of finger vein oxygen saturation Han Sheng, Hongyan Zhang, Limei Zhang, Xueying Liu, Rong Wang, China	
11:15 - 11:30	New methods of prevention of decubitus lesions Marina Ahmetbegovic, Bosnia and Herzegovina	
11:30 - 11:45	Role of ultrasonography combined with water injection in real-time detection of the localization of the naso-jejunal tubes Jianhua Sun, Qing Zhang, Hailing Guo, Hong Sun, Xiaoting Wang, China	
11:45 - 12:00	Effect of modified technique of subglottic secretion aspiration Limei Wang, Xueying Liu, Rong Wang, Han sheng, Huijie Yu, China	
12:00 - 12:15	Determination of diet compliance and anxiety levels of parents of children diagnosed food allergy Sibel Küçük, Ayşe Özeflanili, Turkey	
12:15 - 12:30	The quality improvement of respiratory safety recovery in the elderly patients after general anesthesia Rong Wang, Limei Wang, Han sheng, Jianmei Xia, Xueying Liu, China	

09:00 – 17:00 World federation of critical care Nurses Council annual meeting

13:00 Closing Remarks Congress Chairs

13:30-16:00 Study visit of Intensive Care Units at University Children's Hospital in Belgrade

Thematic session: Poster presentation

- 1 **Risk factors for the acquisition of postoperative delirium in cardio-surgical operations** Dragica Dobrović, Montenegro
- 2 **Study of ICU nurses' perception of work environment in intensive care unit and its influencing factors** Aiping Du, Huan Liu, Yu Xu, Yongming Tian, China
- 3 **Intensive care in the hyperbaric system** Mario Dugonjić, Emanuela Marcucci, Croatia
- 4 **The causes and nursing measures for the related stress injury of NG tube in ICU patients** Wenwen Jing, China
- 5 **The comparison of effectiveness and complications between different sputum suctioning depth in trachea intubation patients** Yao Liao, Xi Yin, China
- 6 **Experience with new technology in centralized intensive care unit** Marija Simic, Marija Momcilovic, Jagica Jovanovic, Suzana Jankovic, Serbia
- 7 **Epidural anesthesia in obstetrics**, Mevludin Babajic Bosnia and Herzegovina
- 8 **Application and experience of bedside ultrasound-guided nasoenteral tube placement in critically ill patients** Chunyan Wang, Huan Liu, Aiping Du, Yongming Tian, China
- 9 **Study of ICU nurses' low back pain status in 4 tertiary Hospitals in Chengdu** Huan Liu, Zhi Guo, Aiping Du, Yongming Tian, China
- 10 **Percutaneous tracheotomy in the ICU** Emina Stojanovic, Serbia
- 11 **Treatment of pain caused by chronic degenerative rheumatism** Gordana Panova, Jasna Boshkovska, Blagica Panova
- 12 **Handling and control of opioid anesthetic services** Marjetka Nemes, Slovenia
- 13 **Evaluation of transplanted patients from Montenegro 2005-2015** Damir Pelicic, Dragica Dobrovic, Montenegro
- 14 **Nursing students' attitudes towards scientific research and their work motivation** Lana Rodić, Marijana Neuberg, Kristina Kišić, Dijana Hereković, Anita Lukić, Croatia
- 15 **Postoperative nursing procedures in Recovery room** Mirela Stefanovic, Gutovic Miljana, Serbia
- 16 **Intraoperative Blood Salvage as part of a blood conservation strategy in anaesthesia** Sasa Ristic, Danica Markovic, Biljana Savic, Serbia
- 17 **The "ABC" of hemodynamic monitoring during general anesthesia** Sasa Seferovic, Miljana Stankovic, Nikola Antonijevic, Serbia
- 18 **The attitudes of the students of the first year of the study of sessions towards science and scientific methodology** Lana Rodić, Anita Lukić, Marijana Neuberg, Croatia
- 19 **Multimodal monitoring in the intensive care unit** Gordana Dragosev, Jelena Milovanovic, Maletic Mirjana, Serbia
- 20 **Discussion on Nosocomial Infection Control and Management from the Point of nasal pathogenic bacteria colonization among medical staff**
Nana Xu, Hao Wang, Min Zhou, China
- 21 **Impact of early intensive rehabilitation care in patients undergoing cardiac surgery in a single center: a quasi-experimental study**
Lin Zhao, QingYin Li, ChunYing Huo, YunXIA Hao, Li Shi, Lin Liu, China

Health Council of Serbia

ACCREDITED

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Author of poster presentation: **11 license points** Participant: **10 license points**

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