

## EVENT REPORT FORM

Project title	Strengthening Capacities for Higher Education of Pain Medicine in Western Balkan countries
Project acronym	HEPMP
Project reference number	585927-EPP-1-2017-1-RS-EPPKA2-CBHE-JP
Coordinator	University of Belgrade
Project start date	October 15, 2017
Project duration	36 months

Event	Acute pain service- the organization and experience of Ljubljana
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Type of event	WP3 (Development of LLL courses and interventional pain medicine courses)
Venue	University Clinical Center of Repubila Srpska, 12 beba
Date	28 <sup>th</sup> Neovember, 2019.
Organizer	Faculty of Medicine University of Banjaluka
Reporting date	15 <sup>th</sup> December, 2019.
Report author(s)	Darko Golic

Project number: 585927-EPP-1-2017-1-RS-EPPKA2-CBHE-JP (2017 – 3109 / 001 – 001)

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## EVENT DESCRIPTION

### with special reference to goals and outcomes

<b>Number of participants at the event</b>	65
<b>Participants (organisations)</b>	UCC Republic of Srpska, Banjaluka Doctors anesthetists, neurologist, ' oncolgist, surgeons, physiatrists and medical nursing graduates
<b>Event description:</b>	

The main objective was to develop LLL course about acute pain management and deliver it to health care professionals in Primary and Higher levels of health care centers in Banjaluka and Republic of Srpska. After the development of the training material, selection of trainees, and accreditation of the course by The Ministry of Health and SocialWelfare , number 11/04500-11-146/19 , the course was held for the purpose to give basic education regarding acute pain management considering that undergraduate studies do not include modules of pain medicine.

#### **Objectives of the course:**

- A plenary lecture on pain relief as the key to a successful surgical outcome

- Organization Acute pain management in daily clinical practice
- How do we evaluate acute pain
- Surveillance with epidural analgesia
- Analgesic mixtures for postoperative analgesia
- How to prevent complications in a surgical patient receiving opioid analgesia
- Monitoring of patients with peripheral nerve catheters
- Plenary lecture on ethics and treatment of acute pain
- Subjective pain assessment and physiological signs of pain
- Postoperative surveillance of a surgical patient depending on the type of anesthesia

**Description of activities -**

After registering the participants, the soup program and lecture schedule were shared with the visitors. The host of the meeting, prof. dr Darko Golić, explained the concept of the lectures and asked the lecturers to prepare the material for the lectures in electronic form so that the session could start on time and without delay.

The program and purpose of the event was announced through flyers and posters within the Clinical Center as well as in the media.

11/28/2019/ As part of the HEPMP project , a lecture Called Acute Pain Service was held in Banjaluka. The lecture was delivered by eminent experts in this field from the University Clinical Center Ljubljana , Maja Sostaric I Neli Stosic Vintar. Through very creative and practical lectures, the lecturers conveyed their experiences in the treatment of painful conditions at UCC Ljubljana. Special attention and importance have been given ti the treatment pf pancreatic pain, postoperative pain conditions, the use of catheters for postoperative analgesia. And the monitoring of patients receving continuous analgesia.

Thereafter, there was talk of the need to prevent complications in surgical patients receving opioid analgesia and the need to monitor and monitor such patients. The lecturers presented the organization of a pain therapy service to the visitors, in the obstacle of many interesting lectures, so that a well-trained and educated team could achieve the best results in their work. The lecture was intended for physicians anesthetists, surgeons, neurologist, oncologist, physiatrists and graduates of medical care in all branches of medicine.

The organizer and host , prof. dr Darko Golic, has worked in the past months to promote the event trough poster flyers and media, so the response from the participants was very good.

The lecture started 09:00 am in lecture hall 1 of the University Hospital Banjaluka.

The session was attended by 65 participants from different fields of medicine. The participants were first addressed by the the UCC Banjaluka Coordinator , prof dr Darko Golic, who once again informed the visitors about the activitiesand goals of the HEPMP project, after which he announced and presented the

lecturers. Prof. Maja Sostaric spoke about the importance and implementation of ethical principles in pain therapy. Prof. Sostaric presented four theories of ethics : deontological theory (Kant's) , theological and utilitarianism , ethics of virtue and ethics of care. She then outlined the goals that emerge from these four ethics, which relate to pain relief in patients and the relationship to a patient who needs pain therapy.

In the sequel, doc. dr Stosic Vintar . In her first lecture, she introduced the management of pancreatic pain therapy. In the lecture, she classified pain and presented a scheme of visceral and neuropathic pain, looking at the impact of pain on quality of life. She then outlined a pancreatic pain management strategy, emphasizing the importance and results of pharmacological therapy and nonpharmacological treatment modalities.

In her next lecture, Doc. dr Stosic Vintar presented Analgesic mixture for intravenous post-operative analgesia and Standardized analgesic mixtures for regional analgesia.

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Prof. dr Sostaric further discussed methods of monitoring patients receiving continuous analgesic therapy via a catheter in the wound. In her presentation, she presented the facts about the response to stress in surgery and the importance of multimodal analgesia. In the continuation of administration of the local anesthetic, the Elastomeric pump, the placement of the catheter and the monitoring of the patient with the catheter.

During the presentation, she also talked about the complications of opioid analgesics, and solutions to overcome any problems that may arise.

Techniques for placement of the epidural catheter at the lumbar and thoracic levels, the drugs used for epidural analgesia and the possible complications and their resolution are also presented.

A half hour coffee break followed the pedaling.

After the break, the lectures continued by doc. dr Neli Stosic Vintar. She presented Analgesia via a peripheral nerve catheter. She explained the indications for its administration, the method of its placement, the proper fixation, the dosage of drugs and the monitoring and monitoring of patients who were placed on a peripheral nerve catheter.

Workshops followed that sought to demonstrate , through practical examples, how multimodal analgesia was administrated and to present standardized protocols for the treatment of postoperative pain.

The host and team coordinator of UCC Banjaluka, prof dr Darko Golic, opened the discussed on the resented topics.

The participants together with the lecturers actively discussed all the presented analgesia techniques and examples they encountered in practice. The lecturers made a very exhaustive effort to resolve any ambiguities that may have existed in their work so far.

It was concluded that the lecture was very useful and would improve management in our institution.

After each lesson the participants had questions, mini discussions were launched, and participants were encouraged to communicate during the break with the HEPMP lecturers in informal circumstances with the Strengthening Capacities for Higher Education of Pain Medicine in Western Balkan Countries. After the presented themes, discussion was opened and the lecturers responded to the participants on all questions related to acute pain and its treatment. Also, the participants were given the recommendation that HEPMP can download educational material in the form of presentations in pdf format. The seminar was completed by solving the knowledge transfer, completing the evaluation questionnaire and awarding the certificates to the trainees. Participants were also presented with acute pain handouts containing all the lectures presented at the seminar, which are in pdf version attached to this document.

At the end of the seminar, the host thanked all participants for their interest and attendance at the lecture.

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An outbound test of knowledge has been analyzed which provides a

comprehensive insight into the knowledge of the participants after their lectures. By evaluating the course by the educators, it was estimated that the expected outcomes were achieved:

- health professionals (doctors, nurses ...) from HC gained skills in acute pain assessment
- Pharmacists have acquired the skill of rational application of algorithms for pharmacological treatment of acute pain.

An evaluation questionnaire was also analyzed, and the results are given in the annex of this document. The interest in the course was very good, as well as a large number of listeners –65. The participants highly rated the choice of educational topics, the content of the education program, the method used, the duration and organization of the education.

The participants were very presentative topics and discussed with the lecturers the practical examples below. They rated 4.77 as the overall program rating (ou of 5).

The lectures were announced on the website of the Faculty of Medicine of the University of Banja Luka, and the report on the symposium was received at site of te Faculty of medicine

<http://www.med.unibl.org/index.php/sr/template/oglasne-table/zdravstvena-njega/content/4-novosti>



## Attachments

<b>Agenda (pdf)</b>	Acute pain service- Significance and treatment (pdf)
<b>Attendance sheet (pdf)</b>	Annex 4 - HEPMP-attendance list Banjaluka (pdf)
<b>Photos (jpg)</b>	3 (jpg)
<b>Quality control (pdf)</b>	Accreditation by The by The Ministry of Health and SocialWelfare ; Annex 6- HEPMP-Event evaluation list; Output test
<b>Deliverable (pdf)</b>	Website of the Faculty of Medicine of the University of Banja Luka <a href="http://www.med.unibl.org/index.php/sr/template/oglasne-table/zdravstvena-njega/content/4-novosti">http://www.med.unibl.org/index.php/sr/template/oglasne-table/zdravstvena-njega/content/4-novosti</a>

<b>Presentations (pdf)</b>	<p>01 Ethics and treatment of acute pain, Sostaric.pdf</p> <p>02 Analgesic compositions for postoperative analgesia, Stosic Vinar.pdf</p> <p>03 Pancreatic pain management, Stosic Vintar.pdf</p> <p>04 Monitoring of a patient with a catheter in the wound, Sostaric.pdf</p> <p>05 How to prevent complications in a surgical patient receiving opioid analgesia, Sostaric.pdf</p> <p>06 Supervision of a patient with epidural analgesia, Stosic Vintar.pdf</p> <p>07 Supervision of patient with analgesia via peripheral nerve catheter, Stosic Vintar.pdf</p> <p>08 Organization of an acute pain treatment service and implementation in daily clinical practice, Stosic Vintra.pdf</p> <p>09 Postoperative surveillance of a surgical patient depending on the type of analgesia, Sostaric.pdf</p> <p>10 Workshop: Clinical assessment of acute pain, Stosic Vintar.pdf</p> <p>11 Effective pain relief is the key to a successful surgical outcome, Stosic Vintar.pdf</p>
<b>Other personal remarks</b>	

## Organisation details

<b>Invitation sent to</b>	Health centers in Banjaluka and the surrounding area
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<b>Date of event material release</b>	1 <sup>st</sup> November, 2019.
<b>Date of participants list's finalisation</b>	25 <sup>th</sup> November, 2019.
<b>Date of agenda finalisation</b>	28 <sup>th</sup> November, 2019.
<b>Number of participants (according to the participants list)</b>	65
<b>Comments</b>	

**Problems encountered during the event preparation phase**

Please add  
your  
comments,  
if any:

**Strengths and limitations of the event (please include comments received)**

<p><b>Strengths of the event and contributions or activities by participants</b></p>	<p>Participants of the seminar have learned the methods of acute pain assessment as well as different modes of treatment with an emphasis on multimodal approach to treatment. It is recognized that inadequate and inadequate acute pain treatment can lead to a chronic treatment that is difficult to cure.</p>
<p><b>Suggestions for the improvement</b></p>	<p>Given the percentage of participants who pleaded not to participate actively, in the forthcoming seminars pay attention to the more active participation of the participants.</p>
<p><b>Any further comments</b></p>	

## Evaluation details

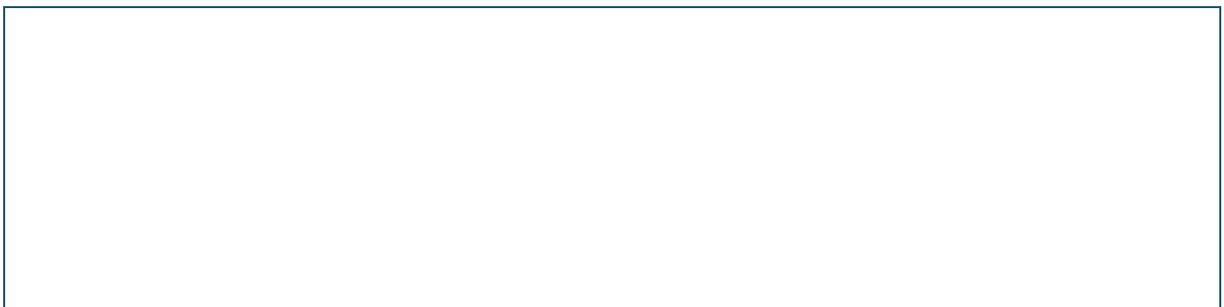
### Results of evaluation of the general organisation of the event

<p><b>Description</b></p>
<p>The participants highly rated the choice of educational topics, the content of the education program, the method used, the duration and organization of the education.</p>



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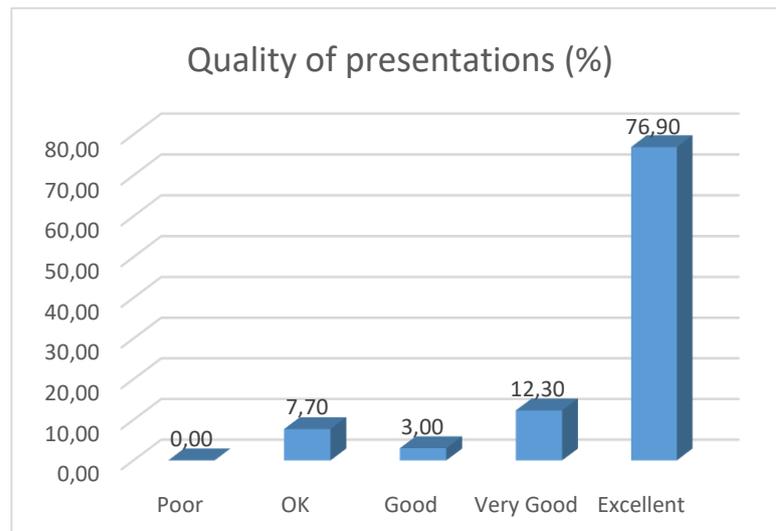
**Table(s)/Figure(s)**

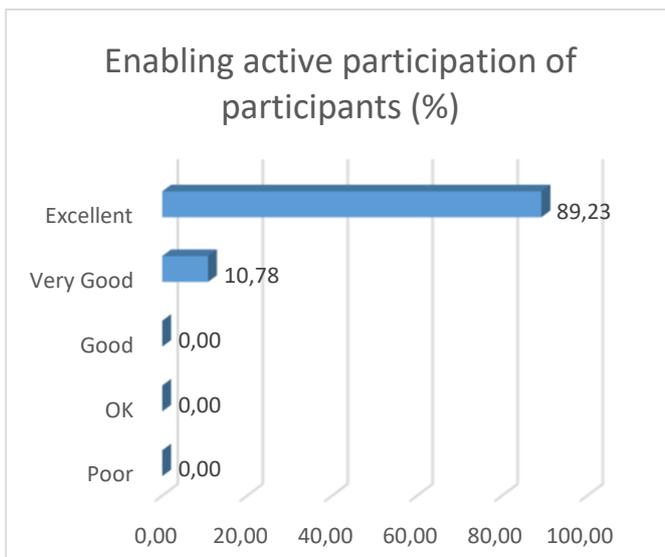
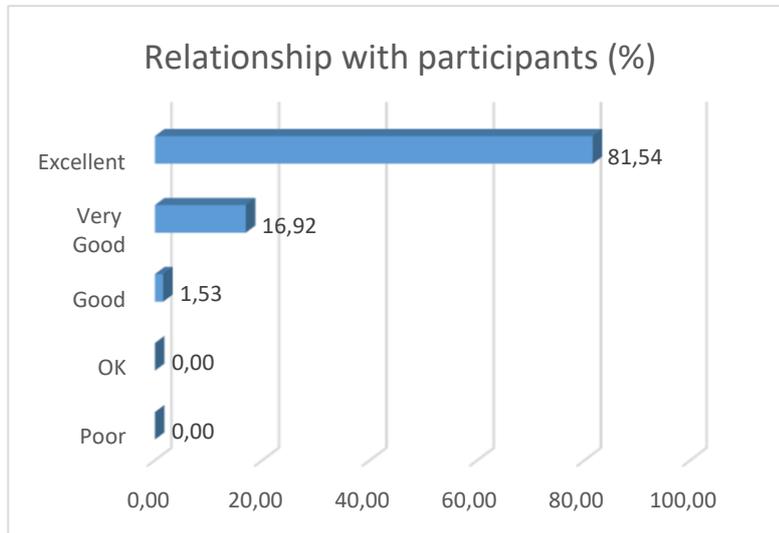




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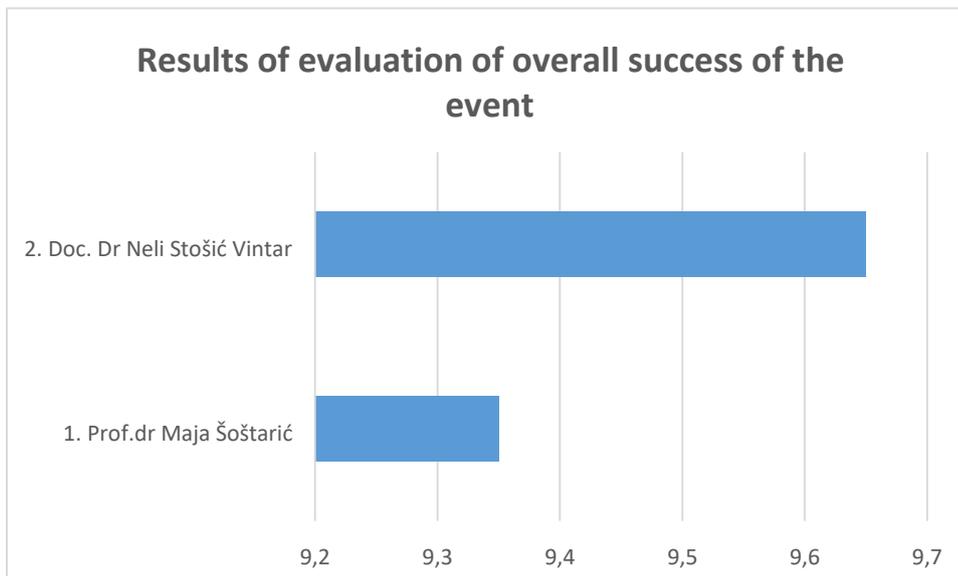
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Please indicate your suggestions for further event's improvement:

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Location, date

Banjaluca , 15<sup>th</sup> December , 2019

Signature

