

**FINAL PROGRAMME AND ABSTRACT BOOK**

**6. HRVATSKI KONGRES REGIONALNE ANESTEZIJE I ANALGEZIJE S  
MEĐUNARODNIM SUDJELOVANJEM**

**6<sup>th</sup> CROATIAN CONGRESS OF REGIONAL ANAESTHESIA AND  
ANALGESIA WITH INTERNATIONAL PARTICIPATION**

**Croatian Society of Regional Anaesthesia and Analgesia  
Croatian Medical Association**

**European Society of Regional Anaesthesia**

Hotel Dubrovnik, Zagreb, Croatia  
June 12 – 13, 2015

**[www.hdraa.com.hr](http://www.hdraa.com.hr)**

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**Organizers:**

Croatian Society of Regional Anaesthesia and Analgesia - Croatian Medical Association (CSRAA-CroMA)  
European Society of Regional Anaesthesia & Pain Therapy (ESRA)

**CoOrganizer:**

University of Osijek, Faculty of Medicine

**Under the Auspices of:**

Department of Medical Sciences, Croatian Academy of Sciences and Arts

**Organizing committee presidents:**

K. Šakić (Croatia), M. Van de Velde (Belgium)

**Scientific committee:** J. De Andrés (Spain), V. Paver Eržen (Slovenia), S. Gligorijevic (Switzerland), K. Šakić (Croatia), M. Van de Velde (Belgium)

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## CONGRESS PROGRAMME

DAY 1: FRIDAY, June 12, 2015

HALL Ban Josip Jelačić, Hotel Dubrovnik

12:00 –	<b>REGISTRATION</b>
	Registration desk
14:30 – 18:30	<b>SESSION 1</b> <b>HIGHLIGHTS IN REGIONAL ANAESTHESIA &amp; PAIN MEDICINE</b> <i>Chair: J. De Andrés (Spain), S. Gligorijevic (Switzerland)</i>
14:30 – 15:00	<b>Genetics and pain</b> <i>D. Primorac, Zagreb, Croatia</i>
15:00 – 15:30	<b>Pain medicine - medical management of acute and chronic pain</b> <i>J. De Andrés, Valencia, Spain</i>
15:30 – 16:00	<b>POSTER PRESENTATIONS (P 1 – P8)</b> <i>Chair: V. Nesek Adam (Zagreb), D. Bandić Pavlović (Zagreb), J. Pavičić Šarić (Zagreb)</i>
15:30 – 16:00	Coffee break
16:00 – 16:30	<b>Status of Regional anesthesia &amp; Pain medicine in undergraduate and postgraduate study – today and tomorrow</b> <i>M. Van de Velde, Leuven, Belgium</i>
16:30 – 17:00	<b>What is new in Education and Teaching in Regional anaesthesia?</b> <i>V. Paver Eržen, Ljubljana, Slovenia</i>
17:00 – 17:30	<b>Adverse events and regional anaesthesia: Preventing the preventable</b> <i>S. Gligorijevic, Zuerich, Switzerland</i>
17:30 – 18:00	<b>Spinal anaesthesia and stress response in hip trauma</b> <i>K. Šakić, Zagreb, Croatia</i>
18:00 – 18:30	<b>Discussion</b>
20:00 – 22:00	<b>WELCOME RECEPTION, Hotel Dubrovnik, 1<sup>st</sup> floor</b>
	CSRAA 2015 Best Poster Award Musical act: M. Barišin and Pavao Markovac Music School String Quintet

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## DAY 2: SATURDAY, June 13, 2015

HALL Ban Josip Jelačić, Hotel Dubrovnik

08:00 – 10:30	<b>SYMPOSIUM I</b> <b>REGIONAL ANAESTHESIA AND ANALGESIA</b> <i>Chair: M. Van de Velde (Belgium), K. Šakić (Croatia)</i>
08:00 – 08:40	<b>Update in obstetric Regional Anesthesia</b> <b>Anesthetic management of the severely preeclamptic parturient</b> <i>M. Van de Velde, Leuven, Belgium</i>
08:40 – 09:10	<b>Perioperative Analgesia for thoracic surgery</b> <i>V. Novak Jankovič, Ljubljana, Slovenia</i>
09:10 – 09:40	<b>Update in orthopaedic Regional Anesthesia: state of the art practice</b> <i>B. Tripković, Zagreb, Croatia</i>
09:40 – 10:10	<b>Ultrasound use for nerve blocks and management strategies in outpatient surgery</b> <i>K. Oremuš, Zagreb, Croatia</i>
10:10 – 10:30	<b>Discussion</b>
10:30 – 11:00	<b>POSTER PRESENTATIONS (P 9 – P 16)</b> <i>Chair: I. Matić (Slavonski Brod), J. Peršec (Zagreb), I. Šklebar (Zagreb)</i>
10:30 – 11:00	Coffee break
11:00 – 13:00	<b>SYMPOSIUM II</b> <b>PAIN MEDICINE</b> <i>Chair: J. De Andrés (Spain), I. Radoš (Croatia)</i>
11:00 – 11:20	<b>Anatomy and Physiology of nociception and centrally-mediated pain states</b> <i>Z. Petanjek, Zagreb, Croatia</i>
11:20 – 12:00	<b>Invasive procedures for chronic pain</b> <i>J. De Andrés, Valencia, Spain</i>
12:00 – 12:20	<b>Neurosurgical procedures for chronic pain treatment</b> <i>D. Chudy, Zagreb, Croatia</i>
12:20 – 12:40	<b>Postoperative Neurological Sequelae – Management, early Diagnosis and treatment of Neurologic complications after regional anaesthesia</b> <i>V. Bašić Kes, Zagreb, Croatia</i>
12:40 – 13:00	<b>Discussion</b>
13:00 – 14:00	<b>LUNCH BREAK</b>
	Hotel restaurant
14:00 – 16:00	<b>SYMPOSIUM III</b> <b>CLINICAL RESEARCH IN REGIONAL ANAESTHESIA</b> <i>Chair: D. Tonković (Croatia), S. Kvolik (Croatia)</i>

14:00 – 14:20	<b>Effect of age on onset time and duration of sensory blockade in regional anaesthesia</b> <i>J. Pavičić Šarić, Zagreb, Croatia</i>
14:20 – 14:40	<b>Attenuation of systemic inflammatory stress response after preoperative analgesia with clonidine compared to levobupivacaine</b> <i>J. Peršec, Zagreb, Croatia</i>
14:40 – 15:00	<b>Upper extremity blocks or general anaesthesia</b> <i>S. Baranović, Zagreb, Croatia</i>
15:00 – 15:20	<b>Paravertebral blocks in high risk thoracic surgery</b> <i>J. Špiček Macan, Zagreb, Croatia</i>
15:20 – 15:40	<b>Neuropathic Orofacial pain – diagnostic and therapeutic challenges</b> <i>I. Šklebar, Zagreb, Croatia</i>
15:40 – 16:00	<b>Discussion</b>

16:00 – 16:30	<b>POSTER PRESENTATIONS (P 17 – P 24)</b> <i>Chair: V. Golubović (Rijeka), T. Šimurina (Zadar), L. Kalagac Fabris (Pula)</i>
16:00 – 16:30	Coffee break

16:30 – 17:30	<b>SYMPOSIUM IV MISCELLANEOUS TOPICS IN REGIONAL ANAESTHESIA</b> <i>Chair: I. Suljević (Bosnia and Herzegovina), V. Nesek Adam (Croatia)</i>
16:30 – 16:45	<b>Anaesthetic procedures and pain relief for child delivery in Bosnia and Herzegovina</b> <i>I. Suljević, Sarajevo, BIH</i>
16:45 – 17:00	<b>Regional anesthesia in cancer surgery: update</b> <i>G. Brozović, Zagreb, Croatia</i>
17:00 – 17:15	<b>Perioperative pain management in ICU patients</b> <i>V. Nesek Adam, Zagreb, Croatia</i>
17:15 – 17:30	<b>Regional anesthesia in children: indications and limitations</b> <i>A. Hasani, Pristhina, Kosovo</i>

17:40 – 18:20	<b>WORKSHOPS – PART 1</b>
Hall A	<b>W 01 Nerve location for peripheral nerve blocks: ultrasound and nerve stimulation – Upper extremity blocks</b>
	Brachial plexus - Proximal approaches: interscalene, infraclavicular Distal approaches: nerve blocks at elbow and wrist level <i>Demonstrators/speakers: K. Oremuš, Croatia</i>
Hall B	<b>W 02 Nerve location for peripheral nerve blocks: ultrasound and nerve stimulation – Lower extremity blocks</b>
	Proximal approaches: psoas compartment, femoral and sciatic nerve blocks. Distal nerve blocks: sciatic and saphenous nerve block at the knee and ankle level <i>Demonstrators/speakers: S. Huterer, Austria</i>
Hall C	<b>W 03 Sympathetic trunk (ganglion stelatum, plexus celiacus), paravertebral and other blocks</b>
	<i>Demonstrators/speakers: J. Ažman, I. Skok, Croatia</i>
Hall D	<b>W 04 Airway management, Topical anaesthesia and upper airway blocks</b>

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*Demonstrators/speakers: V. Frković, T. Goranović, Croatia*

<b>18:20 – 19:00</b>	<b>WORKSHOPS – PART 2</b>
<b>Hall A</b>	<b>W 01 Nerve location for peripheral nerve blocks: ultrasound and nerve stimulation – Upper extremity blocks</b>
	Brachial plexus - Proximal approaches: interscalene, infraclavicular Distal approaches: nerve blocks at elbow and wrist level <i>Demonstrators/speakers: K. Oremuš, Croatia</i>
<b>Hall B</b>	<b>W 02 Nerve location for peripheral nerve blocks: ultrasound and nerve stimulation – Lower extremity blocks</b>
	Proximal approaches: psoas compartment, femoral and sciatic nerve blocks. Distal nerve blocks: sciatic and saphenous nerve block at the knee and ankle level <i>Demonstrators/speakers: S. Huterer, Austria</i>
<b>Hall C</b>	<b>W 03 Sympathetic trunk (ganglion stelatum, plexus celiacus), paravertebral and other blocks</b>
	<i>Demonstrators/speakers: J. Ažman, I. Skok, Croatia</i>
<b>Hall D</b>	<b>W 04 Airway management, Topical anaesthesia and upper airway blocks</b>
	<i>Demonstrators/speakers: V. Frković, T. Goranović, Croatia</i>
<b>19:10 – 21:00</b>	<b>CLOSING CEREMONY</b>

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# POSTER PRESENTATION SCHEDULE

FRIDAY, June 12, 2015

<b>15:30 – 16:00</b>	<b>POSTER PRESENTATIONS (P 1 – P8)</b> <i>Chair: V. Nesek Adam (Zagreb), D. Bandić Pavlović (Zagreb), J. Pavičić Šarić (Zagreb)</i>
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**P 1 PATIENTS' SATISFACTION WITH SPINAL ANESTHESIA IN PATIENTS UNDERGOING INGUINAL HERNIA REPAIR**

Daniela Bandić Pavlović, Sanja Sakan, Željka Martinović, Igor Virag, Klaudija Prlić, Dinko Tonković, Mladen Perić

**P 2 FACTORS ASSOCIATED WITH SUCCESSFUL PERFORMANCE OF UNILATERAL SPINAL ANESTHESIA FOR VARICOSE VEIN SURGERY**

Kristina Medved, Damira Vukičević, Marko Oreški

**P 3 INFLUENCE OF UNILATERAL SPINAL BLOCK ON HAEMODYNAMIC PROFILE IN DIABETIC AND NON-DIABETIC PATIENTS**

Petra Ožegović, Vanja Vončina, Jelena Zenko, Jadranka Pavičić Šarić

**P 4 SPINAL ANAESTHESIA AND IT'S COMPLICATIONS – EVALUATION OF EXPECTATIONS, IMPRESSIONS AND EXPERIENCES AMONG PATIENTS**

Sonja Krofak, Višnja Nesek Adam, Petra Matković, Maja Karaman – Ilić, Žarko Rašić, Livija Šakić

**P 5 EPIDURAL ANESTHESIA IN PATIENT WITH DBS – OUR FIRST CASE**

Marin Knez, Nikolina Narančić Knez, Ante Tolić, Marina Nekić Borčilo, Alfio Poropat, Milica Komšo, Anamarija Mrđen, Orijana Džepina

**P 6 SPINAL ANESTHESIA FOR LUMBAR SPINE SURGERY IN UNIVERSITY CLINICAL HOSPITAL MOSTAR**

Dajana Vladić, Anita Kosjerina, Zoran Karlović, Vesna Golubović, Mirko Mihalj

**P 7 SUPRACLAVICULAR NERVE BLOCK: DOES KIDNEY TRANSPLANTATION MAKE A DIFFERENCE?**

Katarina Tomulić Brusich, Ivana Acan, Vesna Kovačić Vicić, Nataša Višković Filipčić

**P 8 ULTRASOUND-GUIDED TRANSVERSUS ABDOMINIS PLANE BLOCK IN COMBINATION WITH ILIOINGUINAL AND ILIOHYPOGASTRIC BLOCK IN A HIGH RISK CARDIAC PATIENT FOR INGUINAL HERNIA REPAIR: A CASE REPORT**

Stjepan Barišin, Viktor Đuzel, Livija Šakić

SATURDAY, June 13, 2015

<b>10:30 – 11:00</b>	<b>POSTER PRESENTATIONS (P 9 – P 16)</b> <i>Chair: I. Matic (Slavonski Brod), J. Peršec (Zagreb), I. Šklebar (Zagreb)</i>
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**P 9 ARTERIAL PRESSURE AND HEART RATE CHANGES IN PATIENTS DURING „BEACH CHAIR POSITION“ FOR SHOULDER SURGERY: COMPARISON OF THE REGIONAL AND GENERAL ANESTHESIA TECHNIQUES**

Ivana Haršanji Drenjančević, Domagoj Drenjančević, Danijela Gulam, Slavica Kvolik, Tomislav Ružman, Gordana Kristek

**P 10 FEMORAL NERVE BLOCK IN A HIGH RISK CARDIAC PATIENT. CASE REPORT.**

Verica Mikecin, Miroslav Župčić, Sandra Graf Župčić, Sanja Peremin, Viktor Đuzel, Ana Briški, Ino Husedžinović

**P 11 THE USE OF AN ULTRASOUND-GUIDED SUPRACLAVICULAR BRACHIAL PLEXUS BLOCK IN A HIGH RISK PATIENT WITH CARDIOMYOPATHY**

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Barbara Palković, Ivana Haršanji Drenjančević, Dubravka Ivić, Slavica Kvolik

**P 12 COMPARISON OF MINIMUM EFFECTIVE VOLUME OF LOCAL ANESTHETIC FOR ULTRASOUND GUIDED SUPRACLAVICULAR BLOCK (MEAV<sub>95</sub>) IN ELDERLY AND MIDDLE AGED PATIENTS**

Jadranka Pavičić Šarić, Vinko Vidjak, Jelena Zenko, Matea Bogdanović Dvorščak, Vanja Vončina, Nataša Paklar

**P 13 SCALP BLOCK FOR HEMODYNAMIC STABILITY DURING NEUROSURGERY**

Dinko Tonković, Vasilije Stambolija, Marin Lozić, Petar Martinović, Daniela Bandić Pavlović, Ante Sekulić, Robert Baronica, Mladen Perić

**P 14 PARAVERTEBRAL BLOCK: REVIEW OF LITERATURE**

Maja Karaman – Ilić, Višnja Neseke Adam, Martina Matolić, Jana Kogler, Dijana Butković

**P 15 THE APPLICATION OF PARAVERTEBRAL BLOCK IN HIGH-RISK PATIENTS WITH CARDIORESPIRATORY, LIVER AND KIDNEY PROBLEMS: A CASE REPORT**

Miroslav Župčić, Sandra Graf Župčić, Ana Brundula, Iva Korečić Zrinščak, Jasminka Peršec, Ino Husedžinović

**P 16 TRENDS IN OBSTETRIC REGIONAL ANESTHESIA AND ANALGESIA AT SVETI DUH UNIVERSITY HOSPITAL**

Ivan Šklebar, Tino Klancir, Livija Šakić, Luka Djulabić

**POSTER PRESENTATIONS (P 17 – P 24)**

16:00 – 16:30

*Chair: V. Golubović (Rijeka), T. Šimurina (Zadar), L. Kalagac Fabris (Pula)*

**P 17 SATISFACTION WITH REGIONAL ANESTHESIA IN PARTURIENTS UNDERGONE CAESAREAN SECTION**

Sonja Škiljić, Dubravka Ivić, Gordana Kristek

**P 18 PATIENT SATISFACTION WITH REGIONAL ANESTHESIA IN ORTHOPEDIC SURGERY**

Tomislav Ružman, Nataša Ružman, Ivana Haršanji Drenjančević, Gordana Kristek, Danijela Gulam, Slavica Kvolik

**P 19 INFLUENCE OF DEXAMETHASONE ADMINISTRATION IN SPINAL ANESTHESIA FOR FEMUR FRACTURE ON POSTOPERATIVE COGNITIVE DYSFUNCTION**

Livija Šakić, Dinko Tonković, Borna Josip Godan, Katarina Šakić

**P 20 LUMBAR SPINAL STENOSIS: METHODS OF TREATMENT WITH EMPHASIS ON EPIDURAL STEROID INJECTIONS**

Neven Elezović, Dragica Kopic, Sanda Stojanovic Stipić, Ana Šarić, Anela Elezović, Tomislav Ljubičić

**P 21 PROLONGED RELIEF OF HEAD AND FACE NEURALGIA AFTER REGIONAL NERVE BLOCKS**

Lada Kalagac Fabris, Maša Biberić

**P 22 TEMPOROMANDIBULAR JOINT DISORDER AND HEADACHE – ONE-YEAR-FOLLOW-UP**

Iva Klarić, Tomislav Badel, Vanja Bašić Kes, Samir Ćimić, Dijana Zdravec

**P 23 LOCAL ANALGESIA IN PAIN MANAGEMENT AFTER CARDIAC SURGERY**

Anita Kosjerina, Zoran Karlović, Vesna Golubović, Dajana Vladić

**P 24 DOES ROTATION THROMBELASTOMETRY (ROTEM®) IMPROVE EARLY PREDICTION OF COAGULOPATHY IN (BENIGN AND MALIGNANT) BREAST TUMOR?**

Dinko Bagatin, Katarina Šakić, Tomica Bagatin, Deana Šturm, Milan Milošević



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