

17. KONGRES

**HRVATSKOG DRUŠTVA ZA
ENDOSKOPSKU KIRURGIJU**

i

28. SIMPOZIJ

**KIRURŠKOG DRUŠTVA
MEDICINSKIH SESTARA**

Hotel Osijek Hrvatska
Šamačka 4
31 000, Osijek

Vikarijat Osijek
Ul. Josipa Jurja Strossmayera 58
31 000, Osijek

07. – 10. listopada 2026.



**„ENDOSKOPSKA KIRURGIJA U HRVATSKOJ: JUČER – DANAS – SUTRA“
“ENDOSCOPIC SURGERY IN CROATIA: PAST – PRESENT – FUTURE”**

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

ORGANIZATOR KONGRESA / ORGANIZERS

Hrvatsko društvo za endoskopsku
kirurgiju Hrvatskog liječničkog zbora (HDEK)
www.hdek.com.hr

Klinika za kirurgiju KBC Osijek
Medicinski fakultet Osijek Sveučilišta
Josipa Jurja Strossmayera u Osijeku



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Zrinka Požgain, Ivan Vlahović, Bojan Trogrlić

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17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

SRIJEDA, 07.10.2026. / Wednesday, 07.10.2026

 **KLINIKA ZA KIRURGIJU, KBC OSIJEK /
Clinic of surgery, Clinical hospital centre Osijek**

**10:00 – 16:00 Hands on course – Workshop: Basic laparoscopic course
Sponsored by Johnson & Johnson and Medtronic**

- **Course Director:** Igor Stipančić, Borna Kovačić
- **Tutors and trainers:** Marko Zelić, Dalibor Divković, Zdenko Boras, Ana Bednjanić, Zrinka Požgain, Ivan Vlahović, Bojan Trogrlić
- **Participants:** 12
- Presentation of laparoscopic principles
- Demonstration of instruments for laparoscopy and laparoscopic suturing
- Presentation and Hands-On practice with tutors and trainers of different types of laparoscopic knots
- Basic suture: laparoscopic running and single suture
- Demonstration of stapling instruments

This one-day course will focus on basic laparoscopic skills for surgeons who wish to increase their knowledge. This program includes theory and hands-on procedural steps and technical tips to efficiently perform basic laparoscopic skills. There is an opportunity for direct discussion and questions with the tutors during the course.

 **Hotel Osijek, Šamačka 4, 31 000 Osijek**

19:00 Welcome reception

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

ČETVRTAK, 08.10.2026. / Thursday, 08.10.2026

09:00 – 09:30 OTVARANJE KONGRESA / Opening ceremony

GOVOR DOBRODOŠLICE / Welcome speech

- Igor STIPANČIĆ, Borna KOVAČIĆ,
pozvani predavači / invited guests

POVIJESNO PREDAVANJE / Historical lecture

- Igor STIPANČIĆ: Povijest Hrvatskog društva za endoskopsku kirurgiju / History of the Croatian Society for Endoscopic Surgery

09:30 – 10:00 PRIJAM DOBRODOŠLICE / Welcome reception

DVORANA 1 / Room 1

10:00 – 10:15

Sponzorirano predavanje / Sponsored lecture by Johnson & Johnson

- Vicenze Pla-Marti (Spain):** The ongoing challenge of anastomotic leakage in colorectal surgery

10:15 – 12:15

SJEDNICA / SESSION

- Naslov/Topic:** Kolorektalna kirurgija/Colorectal surgery
- Moderatori/Chair:** Borna Kovačić, Marko Zelić, Bojan Krebs

10:15 – 10:25 Marko Zelić: Minimal invasive rectal surgery, how much did we use it before robotic surgery

10:25 – 10:40 Bojan Krebs (Slovenia): Malignant colorectal polyps: do we overtreat some patients?

10:40 – 10:50 Damir Karlović: Does minimal invasive surgery exist in proctology

10:50 – 11:05 Goran Stanojević (Serbia): Transanal transection and single stapled anastomosis (TTSS) – rationale and techniques.

11:05 – 11:15 Sonja Škiljić: Adiponectin as a biomarker of systemic inflammatory response in surgical patients with colorectal cancer

11:15 – 11:25 Dorian Krsul: LARS – when treatment doesn't end up with operation – SNARE project

11:25 – 11:40 Miljan Čeranić (Serbia): Surgical Decision-Making in Diverticulitis – Beyond the Number of Attacks

DVORANA 2 / Room 2

10:00 – 12:15

SJEDNICA / SESSION

- Naslov/Topic:** Barijatrijska kirurgija / Bariatric surgery
- Moderatori/Chair:** Zdenko Boras, Alen Pajtak, Ivo Soldo

10:00 – 10:15 Carlos Abril MD, Staff Psychian at General Surgery, DDI, CCAD: Transitt Bipartition surgery, Procedure, Benefits, Requirements of laparoscopic vs robotic approach

10:15 – 10:30 Ognjan Škrobić: Taming the Reflux Beast: GERD Challenges after MBS

10:30 – 10:40 Ivo Soldo: Beyond Weight Loss: How Bariatric Surgery Reshapes the Body from Molecules to Metabolism

10:40 – 10:50 Domagoj Vergles: Real time comparison of surgery vs farmacotherapy utilisation in obese patients

10:50 – 11:00 Alen Pajtak: Center formation-how to do it

11:00 – 11:10 Iva Durut Čupev: How can (AI) transform bariatric and metabolic surgery?

11:10 – 11:20 Višnja Nesek Adam: Big patients new challenges: Obesity and surgery today

11:20 – 11:30 Marin Senčar: Addressing post bariatric recurrent weight gain: surgical intervention vs obesity management medication

11:30 – 11:40 Josipa Glavaš: Obesity, OSA nad laparoscopic bariatric surgery-can we predict respiratory complications before surgery?

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PROGRAM / Programme

ČETVRTAK, 08.10.2026. / Thursday, 08.10.2026

DVORANA 1 / Room 1

11:40 – 11:50 **Igor Vrga:** Transection of superior mesenteric vein during laparoscopic D3 lymphadenectomy without consequential intestinal necrosis

11:50 – 12:15 **RASPRAVA / DISCUSSION**

DVORANA 2 / Room 2

11:40 – 11:50 **Andrija Karačić:** Laparoscopic sleeve gastrectomy: Introduction by a MDT for the treatment of morbid obesity—a single centre experience

11:50 – 12:00 **Monika Cepanec:** Surgical management of diaphragmatic hernias in bariatric patients: experience from Varaždin GH

12:00 – 12:15 **RASPRAVA / DISCUSSION**

PAUZA ZA KAVU / COFFEE BREAK

12:30 – 14:00

SJEDNICA / SESSION

- **Naslov/Topic:** Nove tehnologije u MIK-u/New technologies in MIS
- **Moderatori/Chair:** Zdravko Perko, Kristijan Čupurdija, Zrinka Požgajn

12:30 – 12:40 **Kristijan Čupurdija:** How can we use AI in laparoscopic surgery—2 year update

12:40 – 12:50 **Darko Bilandžić (AI expert):** The AI copilot in endoscopic surgery

12:50 – 13:00 **Jasenska Kraljević:** Beyond the green glow: Current evidence, emerging applications and practical protocols for ICG in abdominal surgery

13:00 – 13:10 **Jasmina Rajc:** Application of the Histolog® scanner in intraoperative histopathological tissue assessment

13:10 – 13:20 **Bojan Trogrlić:** MALDI TOF MS technology in the diagnosis of colorectal cancer

13:20 – 13:30 **Ivan Šerić:** Can you smell cancer in the OR? The iKnife revolution

13:30 – 14:00 **RASPRAVA / DISCUSSION**

12:30 – 14:00

SJEDNICA / SESSION

- **Naslov/Topic:** Razne teme / Miscellaneous
- **Moderatori:** Branko Bogdanić, Tomislav Bubalo

12:30 – 12:40 **Branko Bogdanić:** PIPAC in UHC Zagreb—one year experience

12:40 – 12:50 **Tomislav Bubalo:** Laparoscopic liver resection with selective ICG guidance: initial single-centre experience

12:50 – 13:00 **Marko Krnic:** Laparoscopic resection of a retrorectal tailgate cyst in a 22-year old female: a case report

13:00 – 13:10 **Zvonimir Misir:** Video assisted retroperitoneal debridement for walled off necrosis: a three case series

13:10 – 13:20 **Marijan Matijević:** Comparison of EPSiT and standard open surgical treatment of pilonidal sinus: a single center experience at the NMH “dr Juraj Njavro” Vukovar

13:20 – 13:30 **Rudolf Radojković:** Gangrenous Meckel's diverticulum in an elderly patient: a rare case report

13:30 – 13:40 **Ana Andrilović:** “En passant” appendectomy: thing of the past?

13:40 – 13:50 **Kristina Šemanjski:** To mesh or not to mesh: laparoscopic surgery for rectal prolapse

13:50 – 14:00 **RASPRAVA / DISCUSSION**

PAUZA ZA RUČAK / LUNCH BREAK

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

ČETVRTAK, 08.10.2026. / Thursday, 08.10.2026

DVORANA 1 / Room 1

14:30 – 14:50

**Sponzorirano predavanje /
Sponsored lecture by
Fresenius**

- **Emil Kinda:** Supplemental parenteral nutrition in surgery—timely nutritional support for better recovery

14:50 – 15:05

**Sponzorirano predavanje /
Sponsored lecture by
Johnson & Johnson**

- **DUALTO Energy System**

15:05 – 15:20

**Sponzorirano predavanje /
Sponsored lecture by
Johnson & Johnson**

- **Vicenze Pla-Marti (Spain):** The DISH strategy: a comprehensive approach to surgical site outcomes

15:20 – 17:00

SJEDNICA / SESSION

- **Naslov/Topic:** Kvaliteta u endoskopskoj kirurgiji: od edukacije, preko standardizacije do nula komplikacija / Quality in endoscopic surgery: from education, through standardisation to zero complications
- **Moderatori/Chair:** Ana Bednjanić, Marko Zelić, Jasenka Kraljević

15:20 – 15:30 Miha Petrić (Slovenia): Impact of Surgical Simulation on Technical Skills and Patient Outcomes

15:30 – 15:40 Ivica Fedel: Compliance with the Surgical Safety Checklist

15:40 – 15:50 Ksenija Musa: Operating Room Efficiency

15:50 – 16:00 Marko Zelić: Croatian guidelines for SSI prevention proposal

16:00 – 17:00 RASPRAVA / DISCUSSION

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

PETAK, 09.10.2026. / Friday, 09.10.2026

DVORANA 1 / Room 1

09:00 – 10:50

SJEDNICA / SESSION

- **Naslov/Topic:** Hernije trbušnog zida/Abdominal wall hernia
- **Moderatori/Chair:** Josip Samardžić, Ivan Čorić, Bojan Trogrlić

09:00 – 09:10 **Josip Samardžić:** Hernia surgery in Croatia: current practice and education as a foundation for the development of MIS

09:10 – 09:20 **Marko Sever:** The role of mesh in hernia repairs

09:20 – 09:40 **Ivan Čorić:** From defect closure to abdominal wall reconstruction

09:40 – 09:50 **Fedor Amić:** TEP: Pitfalls and complications

09:50 – 10:00 **Kristijan Čupurdija:** Closure vs non closure of hernia defect during laparoscopic ventral hernia repair with mesh

10:00 – 10:10 **Bojan Trogrlić:** eTEP and the revolution of retromuscular reconstruction: a future gold standard?

10:10 – 10:20 **Renata Čanić:** A ten-year comparison of laparoscopic and open inguinal hernia repairs at a GH "dr Josip Benčević" Slavonski Brod

10:20 – 10:50 **RASPRAVA / DISCUSSION**

DVORANA 2 / Room 2

09:00 – 11:15

SJEDNICA / SESSION

- **Naslov/Topic:** Video Asistirana Torakalna kirurgija/Video Assisted Thoracic Surgery
- **Moderatori/Chair:** Ivan Bačić, Ivan Erić, Joško Juričić

09:00 – 09:10 **Ivan Bačić:** Comparison of RATS and VATS

09:10 – 09:20 **Hrvoje Vinković:** VATS starts before the operating room: how to assess the patient before lung isolation

09:20 – 09:30 **Joško Juričić:** Does neoadjuvant chemioimmunotherapy make VATS more challenging?

09:30 – 09:40 **Dorian Hiršl:** How to start robotic assisted thoracic surgery in Croatia? Initial single centre experience

09:40 – 09:50 **Goran Madžarac:** Use of ICG in robotic-assisted thoracic surgery-single center experience

09:50 – 10:00 **Tomislav Bečejac:** VATS treatment of catamenial pneumothorax

10:00 – 10:10 **Ivan Bunjevac:** Bleeding and complications in VATS: prevention, control and conversion

10:10 – 10:20 **Anto Lukenda:** The role of VATS in GH-experiences from Slavonski Brod

10:20 – 10:40 **Ivan Erić:** Prognostic value of STAS in T1 lung cancer: Implications for choosing between lobectomy and segmentectomy

10:40 – 11:00 **RASPRAVA / DISCUSSION**

11:00 – 11:15 **Redovna sjednica Hrvatskog društva za torakalnu kirurgiju**

PAUZA ZA KAVU / COFFEE BREAK

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

PETAK, 09.10.2026. / Friday, 09.10.2026

DVORANA 1 / Room 1

11:00 – 13:00

SJEDNICA / SESSION

- **Naslov/Topic:** MIK gornjeg probavnog trakta/ MIS in Upper GI
- **Moderatori/Chair:** Jakša Filipović Čugura, Jakov Mihanović, Ivan Vlahović

11:00 – 11:10 Filip Ernoić: Transoral incisional fundoplication (TIF) in the treatment of gastroesophageal reflux disease

11:10 – 11:25 Calin Popa (Surgery Unit No. 3, University of Medicine and Pharmacy „Iuliu Hațieganu“, Cluj-Napoca, Romania): Mesh in hiatal hernia repair-why, when, how

11:25 – 11:40 Calin Popa (Romania): Rare cases: early redo, severe kyphosis, chronic hiccups

11:40 – 11:50 Petar Matošević: First experiences with robotic gastric surgeries at KBC Zagreb

11:50 – 12:00 Ivan Krišto (Upper GI Research & Service, Medical University of Vienna, Austrija): EndoVAC in the treatment of esophageal injuries and management of complications of esophageal anastomoses

12:00 – 12:10 Ivan Vlahović: Should laparoscopy be considered the gold standard in the management of perforated peptic ulcer?

12:10 – 12:20 Suzana Janković: Proximal gastrectomy: from indications to reconstruction-who, when and how

12:20 – 12:30 Goran Glavčić: Laparoscopic management of hiatal hernias: where do we stand today?

12:30 – 12:40 Oliver Marcel Koltay: From trauma to hernia: a delayed presentation of traumatic diaphragmatic hernia 10 years after injury

12:40 – 13:15 RASPRAVA / DISCUSSION

DVORANA 2 / Room 2

11:30 – 13:15

SJEDNICA / SESSION

- **Naslov/Topic:** Dječja kirurgija/Pediatric surgery
- **Moderatori/Chair:** Dalibor Divković, Marko Mesić, Krešimir Ivković

11:30 – 11:40 Dalibor Divković: Eight years of structured laparoscopic training for surgical residents: a two-day hands-on course at the Department of Surgery, University Hospital Centre Osijek

11:40 – 11:50 Ninoslava Vonić: Pediatric laparoscopy from an anesthesiologist's perspective: Physiology, ventilation and safety

11:50 – 12:00 Krešimir Ivković: Indocyanine green fluorescence laparoscopic imaging-assisted in pediatric crush abdominal trauma

12:00 – 12:10 Ljudevit Sović: Spontaneous Pneumothorax in Children and Adolescents – VATS treatment

12:10 – 12:20 Ivančica Bekavac: Laparoscopic Appendectomy in Children: Experience of University Hospital Centre Osijek, 2020–July 2026

12:20 – 12:30 Filip Dorić: Varicocele in Children and Adolescents – When to Operate? Experience of the University Hospital Centre Osijek

12:30 – 12:40 Tea Grujić Tomas: Intussusception – from enema to laparoscopy – our experience from 2020 to 2026

12:40 – 12:50 Hrvoje Šoljić: Laparoscopska kolecistektomija u dječjoj dobi

12:50 – 13:00 Marko Mesić: Laparoscopska sigmoidektomija u liječenju idiopatske kronične opstipacije u djece i adolescenata

13:00 – 13:15 RASPRAVA / DISCUSSION

PAUZA ZA RUČAK / LUNCH BREAK

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

PETAK, 09.10.2026. / Friday, 09.10.2026

DVORANA 1 / Room 1

14:00 – 16:30

SJEDNICA / SESSION

- **Naslov/Topic:** Hitna stanja u kirurgiji / Surgical emergencies
- **Moderatori/Chair:** Emil Kinda, Marko Sever, Goran Augustin

14:00 – 14:10 Goran Augustin: Laparoscopic vs open appendectomy during pregnancy: a single-center retrospective analysis

14:10 – 14:20 Dejan Hil: CRP, leukocytes and intuition: Whom to trust on the third postoperative day? Systematic review of laboratory markers following colorectal surgery

14:20 – 14:30 Robert Kliček: How far have we reached in emergency laparoscopic surgery today?

14:30 – 14:40 Robert Kliček: Laparoscopic surgery in strategy treatment of acute and recurrent diverticulitis

14:40 – 14:50 Tihomir Kekez: Early surgical treatment of localized Crohn disease

14:50 – 15:00 Ivan Romić: Laparoscopic left lateral sectionectomy with ICG guidance for the radical treatment of HCC: the first case in Croatia

15:00 – 15:10 Ana Andrilović: Is minimally invasive surgery safe for right-colon diverticulitis

15:10 – 15:20 Mario Knežević: A surgical failure or a biological destiny?

15:20 – 16:30 RASPRAVA / DISCUSSION

DVORANA 2 / Room 2

14:00 – 16:00

SJEDNICA / SESSION

- **Naslov/Topic:** Predavanja za specijalizante/Residents lectures
- **Moderatori/Chair:** Dražen Vidović, Aleksandar Križan, Ana Bednjanić

14:00 – 14:10 Veronika Šikić: Left-handedness in laparoscopy: a disadvantage or a pathway to situational ambidexterity?

14:10 – 14:20 Urška Novljan: Acute abdomen after bariatric surgery

14:20 – 14:40 Petar Ivić: Case report: Laparoscopic treatment of diaphragmal hernia in sixteen years old patient

14:40 – 14:50 Nikolina Tutić: Learning VATS—from the camera to the first step

14:50 – 15:00 Lucia Klarica: Diagnostic relevance of tissue microRNAs in colon cancer: impact of tumor width and reference gene selection

15:00 – 15:10 Luciana Jakšić: Sacral neuromodulation in fecal incontinence and low anterior resection syndrome: our initial experience

15:10 – 15:20 Hrvoje Zubak: Laparoscopic segmentectomy for a symptomatic hepatic hemangioma: a case report

15:20 – 16:00 RASPRAVA / DISCUSSION

17. KONGRES HRVATSKOG DRUŠTVA ZA ENDOSKOPSKU KIRURGIJU

PROGRAM / Programme

SUBOTA, 10.10.2026. / Saturday, 10.10.2026

DVORANA 1 / Room 1

9:30–11:00

**Godišnja skupština HDEK/
Annual Assembly Meeting HDEK**

DVORANA 2 / Room 2

9:30–11:00

**Godišnja skupština HDTK/
Annual Assembly Meeting HDTK**

11:00–11:15

Closing words and farewell



28. SIMPOZIJ KIRURŠKOG DRUŠTVA MEDICINSKIH SESTARA

PREDSJEDNICA ORGANIZACIJSKOG ODBORA / PRESIDENT OF ORGANIZING COMMITTEE:

Suzana Stojković

ORGANIZACIJSKI ODBOR / Organizing Committee:

Željka Anić, Suzana Luketić, Senka Erić, Marko Bolić,
Gordana Vukelić Sudarević, Jasna Batrnek, Dragana Logarušić,
Ana Pahanić, Ivana Mikloš, Dubravka Roguljić, Mihaela Mihaljev

STRUČNI ODBOR / Professional Committee:

Suzana Stojković, Katarina Žitnjak Glavač, Danijela Bocka,
Stana Pačarić, Marija Omazić, Nadia Valentić, Renato Šavora,
Andreja Šalek, Matej Ivanišić, Antonija Maceković

TEME SIMPOZIJA / Symposium Themes:

Kirurške sestre kao pokretači kvalitete i sigurnosti u endoskopskoj kirurgiji /
Surgical Nurses as Drivers of Quality and Safety in Endoscopic Surgery
Endoskopska kirurgija danas i sutra – izazovi i prilike za medicinske sestre /
Endoscopic Surgery Today and Tomorrow: Challenges and Opportunities for
Nurses

Inovacije i izvrsnost u minimalno invazivnoj kirurgiji – sestrinska perspektiva /
Innovations and Excellence in Minimally Invasive Surgery: A Nursing Perspective



ORGANIZATORI:



Hrvatsko društvo
za endoskopsku
kirurgiju



KLINIČKI BOLNIČKI
CENTAR OSIJEK
Klinika za kirurgiju



Kirurško društvo
medicinskih sestara



Hrvatska udruga
medicinskih
sestara



Fakultet za dentalnu
medicinu i zdravstvo
Osijek

INTERNATIONAL MEDICAL CENTER
PRIORA
Excellence is our priority

SUORGANIZATORI:

28. SIMPOZIJ KIRURŠKOG DRUŠTVA MEDICINSKIH SESTARA

MINIMALNO INVAZIVNA KIRURGIJA – INOVACIJE, SUVREMENI

PRISTUPI I SESTRINSKA PERSPEKTIVA

PROGRAM

PETAK, 09.10.2026.

08:00 – 09:00 Prijave i registracija

09:00 – 09:30 Svečano otvorenje skupa

INOVACIJE I SUVREMENI PRISTUPI U MINIMALNO INVAZIVNOJ KIRURGIJI

Moderatori: Habeković R., Šestak M., Lukačević M.

09:30 – 09:40

Primjena sustava AIDA u dokumentiranju, edukaciji i prijenosu endoskopskih kirurških zahvata – iskustva privatne zdravstvene ustanove

Bolić M., Šavara R., Horvat B. – IMC PRIORA

09:40 – 09:50

Artroskopska stabilizacija AC zgloba

Krkić A., Stivičević M., Blažević D. – KBC Sestre milosrdnice

09:50 – 10:00

Endoskopska operacija pluća – desna lobektomija (VATS): prikaz slučaja

Salamaha T., Simić I. – KBC Osijek

10:00 – 10:10

Endoskopska kirurgija danas i sutra-izazovi i prilike za kirurške sestre – Osteoplastična i neuronavigacijska endoskopska operacija frontalnog sinusa

Gombarović D. – KBC Osijek

10:10 – 10:20

Napredna robotizirana ruka za laparoskopsku kirurgiju – inovativne tehnologije za minimalno invazivnu kirurgiju

Stevanović M., Krkić A., Stivičević M. – KBC Sestre milosrdnice

10:20 – 10:30

HoLEP – evolucija endoskopske kirurgije prostate

Matekalo E., Omazić M., Wolf M. – IMC PRIORA

10:30 – 10:40

Moda ili zlatni standard – primjena ICG-a tijekom laparoskopije

Vlahović M., Ivančić G. – KBC Osijek

10:40 – 10:50

Laparoskopija – put od inovacije do standarda suvremene kirurgije

Jurakić J., Nežić J., Matić N., Penić R. – KB Dubrava

10:50 – 11:00 – RASPRAVA

11:00 – 11:20 – PAUZA ZA KAVU

28. SIMPOZIJ KIRURŠKOG DRUŠTVA MEDICINSKIH SESTARA

PROGRAM

PETAK, 09.10.2026.

SESTRINSKA PERSPEKTIVA U MINIMALNO INVAZIVNOJ KIRURGIJI I SUVREMENA PERIOPERATIVNA SKRB

Moderatori: Berić S., Bocka D., Simić I.

11:20 – 11:30

Kontinuitet zdravstvene njege bolesnice tijekom robotski asistiranе histerektomije – od prijema do sigurnog otpusta

Lovrečić A., Mihaljev M., Roguljić D. – IMC PRIORA

11:30 – 11:40

Preoperativna i postoperativna skrb barijatrijskog pacijenta

Lukačević M. – KBC Osijek

11:40 – 11:50

Holistički pristup oporavku bolesnika nakon VATS zahvata

Alerić V., Tominac P., Brkić D. – KBC Osijek

11:50 – 12:00

Inovacije i izvrsnost u minimalno invazivnoj kirurgiji – sestrinska perspektiva

Habeković R., Berić S. – KBC Zagreb

12:00 – 12:10

Kirurški izbor, sestrinski ishod: usporedba oporavka nakon otvorenog i laparoskopskog formiranja stome

Brozić A., Jurčić A., Stipetić H. – OB Karlovac

12:10 – 12:20

Specifičnosti sestrinske skrbi bolesnika nakon minimalno invazivne ezofagektomije (MIE) – izazovi i ishodi u onkološkoj kirurgiji

Vrkljan I. – KB Dubrava, Zagreb

12:20 – 12:30

Doprinos medicinske sestre u kirurškom liječenju crijeva – utjecaj operacijske metode na postoperativni oporavak

Šantor M., Juranek S. – KBC Osijek

12:30 – 12:40

Minimalno invazivno liječenje hallux rigidusa – perioperativna zdravstvena skrb od prijema do otpusta

Zadković K., Ivković S., Žigmundić Franjin V., Valentić N. – IMC PRIORA

12:40 – 12:50

Endoskopski zahvati u kardijalnoj kirurgiji

Đipalo D., Horvat I., Španić J. S. – KBC Zagreb

12:50 – 13:00 – RASPRAVA

13:00 – 14:00 – PAUZA ZA RUČAK

28. SIMPOZIJ KIRURŠKOG DRUŠTVA MEDICINSKIH SESTARA

PROGRAM

PETAK, 09.10.2026.

EDUKACIJA, PROFESIONALNI RAZVOJ I SIGURNOST U SESTRINSTVU

Moderatori: Mehičić A., Batrnek J., Matekalo Ž.

14:00 – 14:10

Napredak i inovacije na Zavodu za urologiju KBCO u skladu sa svjetskim smjernicama

Barić I., Lolić M. – KBC Osijek

14:10 – 14:20

Inovacije i izvrsnost u minimalno invazivnoj kirurgiji – sestrinska perspektiva:

AOBIF vs. EVAR

Babić K., Zagvozda L. – KBC Osijek

14:20 – 14:30

Kirurške sestre kao pokretači kvalitete i sigurnosti u endoskopskoj kirurgiji – Endoskopska kirurgija u svezi s torakalnom kirurgijom SKB-a Mostar

Čuže D., Peko A. – SKB Mostar

14:30 – 14:40

Kirurški stacionar budućnosti – nove tehnologije, nova stručna znanja i vještine medicinskih sestara

Matekalo Ž., Kapetanović T., Stojković S. – IMC PRIORA

14:40 – 14:50

Endoskopska kirurgija danas i sutra – izazovi i prilike za medicinske sestre u edukaciji učenika srednje medicinske škole

Šestak M., Grgurević I. – Škola za medicinske sestre Vinogradska

14:50 – 15:00

Zadovoljstvo rada medicinskih sestara instrumentarki u laparoskopskoj i endoskopskoj kirurgiji

Bocka D., Zagvozda L., Mikloš I. – KBC Osijek

15:00 – 15:10

Od kontrolne liste do kulture sigurnosti: evolucija koncepta sigurnosti bolesnika u kirurgiji

Vujanić J., Lovrić R., Mudri Ž. – Sveučilište J.J. Strossmayera, Fakultet za dentalnu medicinu i zdravstvo

15:10–15:20

Organizacijska kultura u multidisciplinarnom timu operacijske sale i njezin utjecaj na zadržavanje novozaposlenih zdravstvenih djelatnika

Mehičić A., Đureković A., Batrnek J. – KBC Osijek

15:20 – 15:30

Utjecaj stresa na profesionalno sagorijevanje medicinskih sestara/tehničara na Klinici za kirurgiju KBC Osijek

Kavicki D., Vnućec M., Vukadin I. – KBC Osijek

15:30 – 15:40

Stavovi medicinskih sestara/tehničara o sigurnosnoj klimi u operacijskoj sali

Mihaljević L., Troha B. – KBC Osijek

15:40 – 15:50 – RASPRAVA

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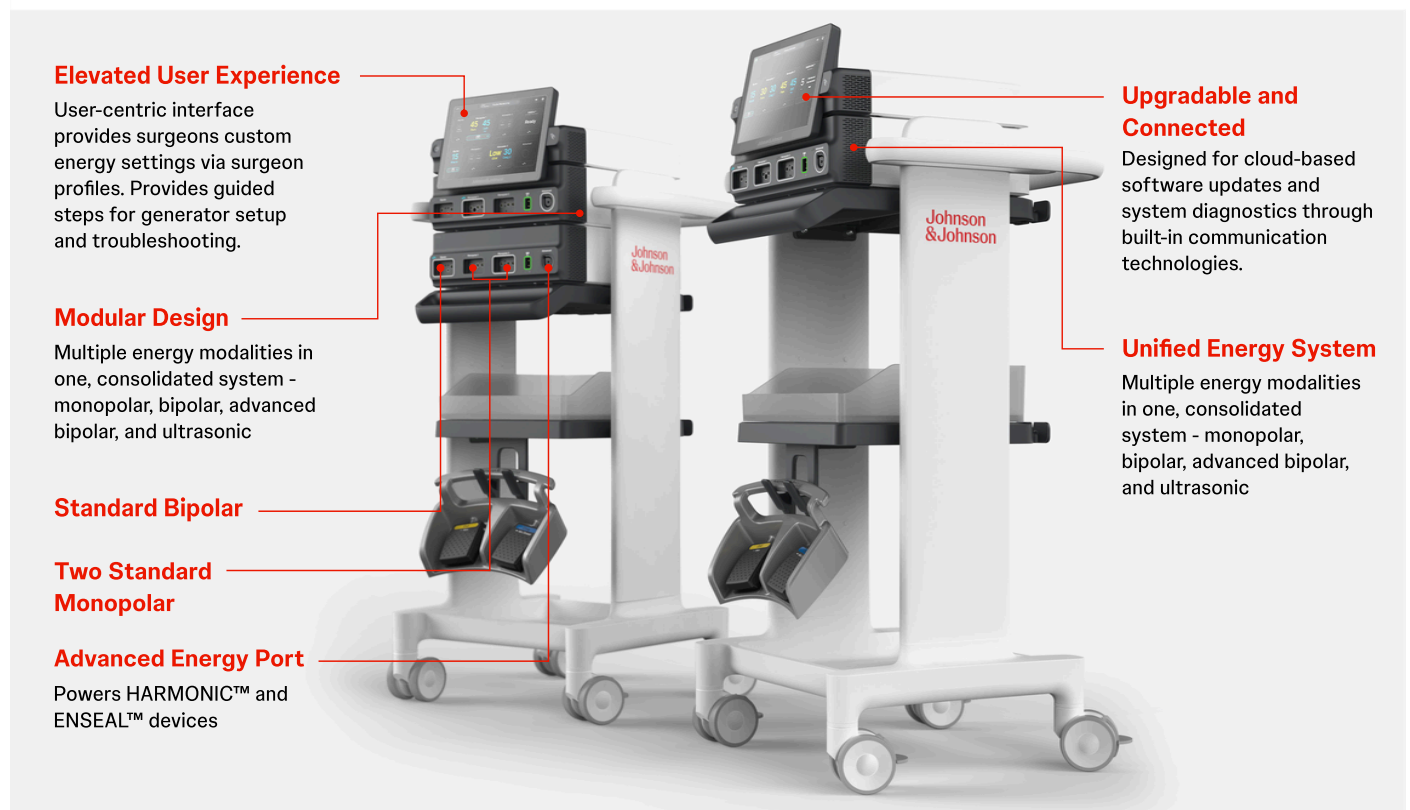
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DUALTO™ Energy System

Fact sheet

Meet the next chapter of surgical energy delivery. The DUALTO™ Energy System combines multiple energy modalities into a single system that is simple to use across procedures, configurable to different care settings, and is easily upgradable.^{1,2*}



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HARMONIC™ 1100 demonstrates up to 9% faster transection speeds when used with the DUALTO™ Energy System.^{3‡}

18%

HARMONIC™ 700 when used on the DUALTO™ Energy System transected thick tissue up to 18% faster than on GEN11.^{4†}

25%

HARMONIC™ FOCUS™+ demonstrated up to 25% faster transection speeds when used with the DUALTO™ Energy System.^{4‡}

HARMONIC™ FOCUS+ when used on the DUALTO™ Energy System transected thick tissue significantly faster than on GEN11.^{4‡}

*In a summative usability study, with surgeons (n=33) that went through an end-to-end procedure and afterward responded to a series of statements regarding the DUALTO™ Energy System

‡In a R&D study evaluating performance improvements of the HARMONIC 1100 instrument family on the DUALTO™ Energy System compared to the GEN11 Generator on saline-soaked chamois as a model of thick porcine mesentery (p <0.001). Based on pre-clinical testing on animal models and clinical effect is unknown

†In a R&D study evaluating performance improvements of the HARMONIC™ 700 instrument family on the DUALTO™ Energy System compared to the GEN11 Generator on thick porcine mesentery (p <0.05). Based on pre-clinical testing on animal models and clinical effect is unknown

‡In a R&D study evaluating performance improvements of the Harmonic™ Focus™+ instrument family on the DUALTO™ Energy System compared to the GEN11 Generator on a thick tissue model (p <0.05), with 30 comparison transections. Based on benchtop testing and clinical effect is unknown

Total Energy System Portfolio

Ordering & additional information

For ordering or other questions about the DUALTO™ Energy System, contact your Johnson & Johnson MedTech representative or visit [jnjmedtech.com](https://www.jnjmedtech.com)

Product Code		Description	Quantity
ETHCM		DUALTO™ Communications Module	1
ETHUSC		DUALTO™ User Screen	1
ETHEM		DUALTO™ Energy Module	1
ETHCRT		DUALTO™ Energy Cart	1
ETHEF2		Energy Double Footswitch	1
ETHEF1		Energy Single Footswitch	1
ETHERF		Energy Round Footswitch	1
ETHOVK		Energy Output Verification Key	1
2255JTES		MEGADYNE™ Energy Signal Cable	1

References:

1. Ethicon, Emergo Mantle Marketing Claims Report. 05/08/2024. Windchill Document #501949635A
2. 501145836 Ethicon Communications Module, Ethicon User Screen, and Ethicon Energy Cart Operator's Manual
3. Johnson & Johnson and its affiliates, DUALTO Harmonic 1100 Transection Speed Performance Claims. 10/02/2025. Windchill Document #502413774A
4. Ethicon, Mantle Harmonic Claims. 10/17/2024. Windchill Document #502071965B

Important Information: Please refer to the latest Instructions for Use and/or Package Insert provided by the manufacturer of the device for the details such as indications, contraindications, side effects, warnings, and precautions.

EU product registration under device name ETHICON™ Total Energy System.

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Advancing open stapling with greater leak protection^{1,†,‡}

Strength

Compared to a two-row linear stapler, the GIA™ stapler with Tri-Staple™ technology provides stronger staple line leak pressure.^{1,1,5}

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To optimize performance in thick-tissue applications, the GIA™ stapler with Tri-Staple™ technology offers:

- A new knife blade with every firing⁴
- Less retraction force than staplers with DST Series™ technology^{4,5,6}

Flexibility

The GIA™ stapler with Tri-Staple™ technology can be used with interchangeable cartridges to accommodate a broad range of tissue applications.⁴

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	Description	Purple (medium/thick)	Black (extra thick)
60 mm	Stapler	GIA60MTS	GIA60XTS
	Cartridge	GIA60MTC	GIA60XTC
80 mm	Stapler	GIA80MTS	GIA80XTS
	Cartridge	GIA80MTC	GIA80XTC



Less stress

On tissue during compression and clamping^{5,1,11}



Greater perfusion

May be allowed into the staple line^{5,6,11,55}



Consistent performance

Over a broad range of tissue thicknesses^{2,11,60}

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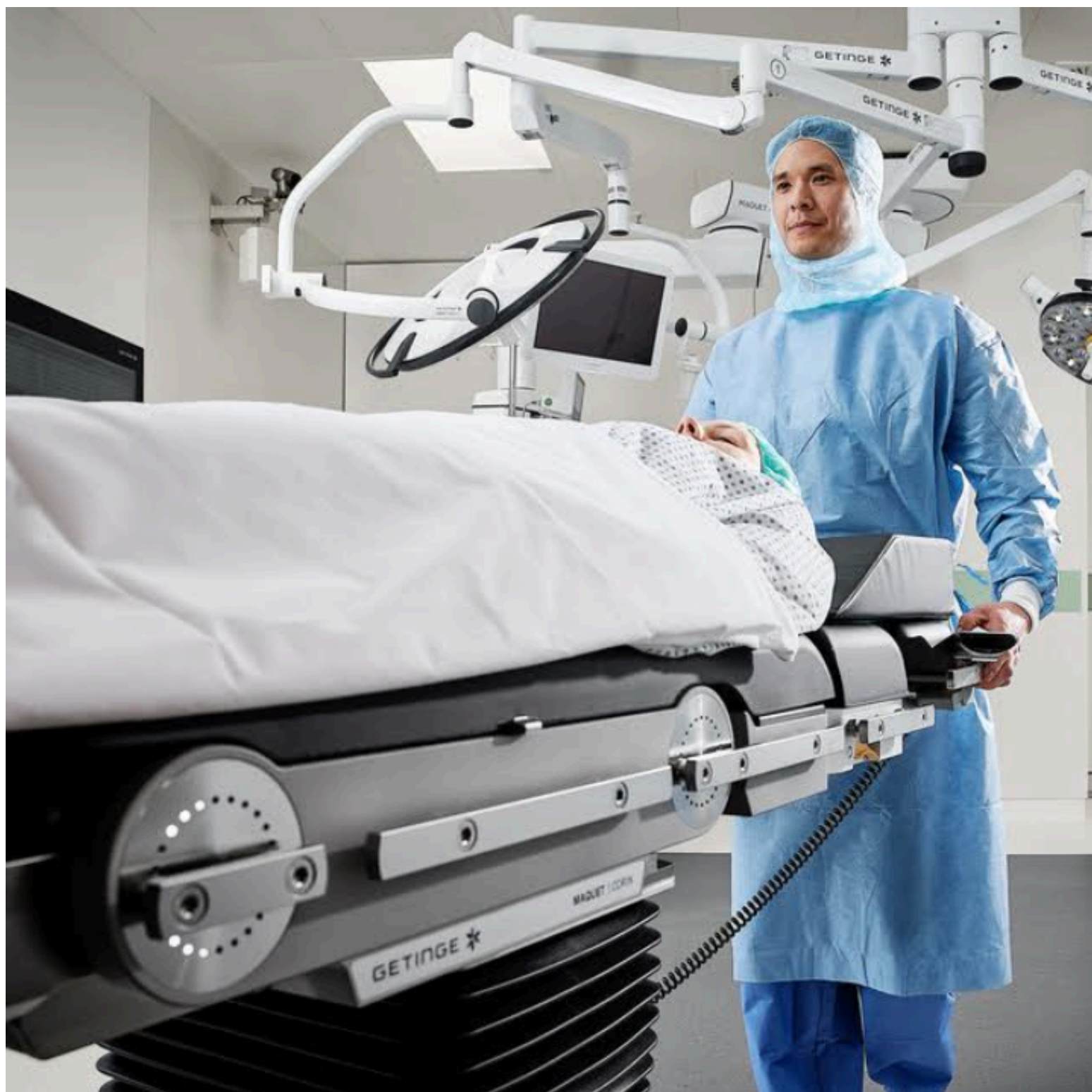
¹Leak test results may not necessarily be indicative of clinical performance. ²Based on burst pressure testing in porcine colon comparing GIA80MTS (n = 12) and GIA80XTS (n = 12), Ethicon™ TLTCT5 (n = 24; p = 0.010), Fooker™ LCEB8 (n = 24; p = 0.802), and Panther™ SSAB 80 (n = 24; p = 0.000). ³Compared to GIA™ staplers with DST Series™ technology, 0/12 out of 12 surgeons surveyed. ⁴Private element analysis (FEA) was used to determine the strain profiles of Covidien and Ethicon open linear staplers during clamping. The GIA™ stapling with Tri-Staple™ technology demonstrated a graduated compression profile upon clamping. ⁵Predicted results may not correlate with clinical performance in humans. ⁶Based on perfusion analysis of Endo GIA™ staplers with Tri-Staple™ technology's graduated height staple lines vs. Ethicon Echelon™ two-row, single-height staple lines (GGA n = 12, Ethicon n = 14; p = 0.11). ¹¹Based on an in vivo evaluation of tissue abrasion (n = 5), hemostasis (n = 5), and staple formation (n = 30) in canine models. ¹⁵Based on report #R000224614 rev B, Lily comparative testing versus competitive devices, November 2021. ²²Based on report #R00171002 rev 0, 80 mm GIA™ stapler with Tri-Staple™ technology purple and black design verification report, Aug. 14, 2019. ⁵⁵Based on internal test report #R000224614 rev A2, Comparative testing versus competitive devices, May 2021. ⁶⁰Based on report #R000218526, R&D memo, Aug. 27, 2019. ⁶¹Endo GIA™ Tri-Staple™ testing performed and design similarities between Lily and Endo GIA™ Tri-Staple™ technology memo, Oct. 16, 2019.

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