

OSOBNJE INFORMACIJE

Nadan Rustemović

ZVANJE dr.med.

TITULA prof.d.sc.

RADNO ISKUSTVO

03.1990 - internist
KBC Zagreb, Kišpatičeva 12
gastroenterolog i hepatolog

03.1990 - internist
KBC Zagreb

OBRAZOVANJE I
OSPOSOBLJAVANJE

03.1990 - Internist gastroenterolog i hepatolog
KBC Zagreb

OSOBNJE VJEŠTINE

Materinski jezik hrvatski

Ostali jezici	RAZUMIJEVANJE		GOVOR		PISANJE
	Slušanje	Čitanje	Govorna interakcija	Govorna produkcija	
engleski	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	C1/2: Iskusni korisnik	
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Komunikacijske vještine Dobre komunikacijske vještine stečene prilikom izvođenja nastave na preddiplomskom i poslijediplomskom studiju na hrvatskom i engleskom jeziku na Medicinskom fakultetu Sveučilišta u Zagrebu.
Organizacija najdugovječnije (17g.) radionice u RH iz GI endoskopije "Algoritmi u GI endoskopiji i EUZ".
Organizacija trajne edukacije mladih endoskopičara na "ex-vivo" i živim porcinim modelima.

**Organizacijske /
rukovoditeljske vještine**

Voditelj Centra za intervencijsku gastroenterologiju KBC Zagreb i Referentnog centara Ministarstva zdravlja Republike Hrvatske za intervencijsku gastroenterologiju.
Voditelj „Official ESGE Host Training Centre” u sklopu ESGE „fellowship grant programme” od 2015.
Član Upravnog vijeća KBC Sestre milosrdnice 2011-2013.
Član Središnjeg etičkog povjerenstva RH 2011- do sada
Predsjednik Endoskopske sekcije HGD od travnja 2013 do listopada 2019.
Suradni član Hrvatske akademije medicinskih znanosti od 2018.

Poslovne vještine

Pored rutinskog posla na polju intervencijske gastroenterologije uveo sam sljedeće procedure:
perkutana pankreatografija, perkutana etanolska injekcijska terapija, endoskopsko postavljanje plastičnih i metalnih stentova u bilio-pankreatičnom stablu, kolangioskopija, perkutana bilijarna drenaža, transrektalni ultrazvuk, endoskopski ultrazvuk, intervencijski endoskopski ultrazvuk, EUZ elastografija, telemedicinske konzultacije u gastroenterologiji, endoskopska submukozna disekcija, endoskopska mukozna resekcija, hibridne operacije (kolaborativne intervencije gastroenterologija-kirurgija), „in vivo“ endoskopsku karakterizaciju kolorektalnih novotvorina primjenom uskopojasnog spektra), konfokalna laserska endomikroskopija, FTR (full thickness resection), Sonovue EUZ.

Računalne vještine

PC (Microsoft Office)

Ostale vještine

Timski duh
Sport: košarka, skijanje

Vozačka dozvola

B kategorija

DODATNE INFORMACIJE

Izdanja

Radovi citirani u Current Contents:

1. Pulanić R, Vrhovac B, Jokić N, Rosandić Pilaš M, Šalamon V, Opačić M, Rustemović N, Korać B, Vucelić B. Prophylactic administration of ranitidine after sclerotherapy of esophageal varices. *International Journal of Clinical Pharmacology, Therapy and Toxicology* 1991;29:337-41.
2. Opačić M, Pulanić R, Vucelić B, Tentor D, Škegro M, Rustemović N. Massive Necrosis of Gastric Wall with Gastric Perforation After Injection Therapy of a Bleeding Duodenal Ulcer. *Endoscopy* 1995;27:707-8.
3. Pulanić R, Vucelić B, Rosandić M, Opačić M, Rustemović N, Krznarić Ž, Brkić T, Jokić-Begić N. Comparison of Injection Sclerotherapy and Laser Photocoagulation for Bleeding Peptic Ulcers. *Endoscopy* 1995;27:291-297.
4. Opačić M, Rustemović N, Pulanić R, Vucelić B, Frković M, Mandić A. Percutaneous pancreatography under ultrasonographic guidance. *Acta Radiologica* 1996; 37: 75-78.
5. Rosandić M, Skegro M, Paar V, Paar D, Scukanec-Spoljar M, Juricic M, Vucelić B, Pulanić R, Rustemović N, Ostojić R, Ljubojević N. Quantitative tissue carcinoembryonic antigen (T CEA) assay as a screening test for severe dysplasia in colorectal adenomas. *Acta Medica Austriaca* 1999; 26(3): 89-92
6. Gašparović S, Rustemović N, Opačić M, Bates M, Petrovečki M. Comparison of Colonoscopies Performed under Sedation with Propofol or with Midazolam or without Sedation. *Acta Medica Austriaca* 2003; 30 :13-16.
7. Rustemović N, Vucelić B, Opačić M, Ostojić R, Pulanić R, Petrovečki M, Radanović B, Marinić J, Pulanić D. Palliative treatment of hepatocellular carcinoma with percutaneous ethanol injection using tumor's feeding artery occlusion under the ultrasonic color doppler guidance. *Coll Antrop* 2004;28: 781-791.
8. Rustemović N, Kalauz M, Opačić M, Sjekavica I, Vucelić B. Suture material and bile stones. *J Gastroen Hepat* 2005;20:945
9. Gasparović S, Rustemović N, Opačić M, Premuzić M, Korusić A, Božikov J, Bates T. Clinical analysis of propofol deep sedation for 1,104 patients undergoing gastrointestinal endoscopic procedures: a three year prospective study. *World J Gastroenterol.* 2006 Jan 14;12(2):327-30.
10. Cukovic-Cavka S, Likic R, Francetic I, Rustemovic N, Opacic M, Vucelic B. *Lactobacillus acidophilus* as a cause of liver abscess in a NOD2/CARD15-positive patient with Crohn's disease. *Digestion.* 2006;73(2-3):107-10.
11. Kujundžić M, Vogl TJ, Stimac D, Rustemović N, Hsi RA, Roh M, Katicić M, Cuenca R, Lustig RA, Wang S. A Phase II safety and effect on time to tumor progression study of intratumoral light infusion technology using talaporfin sodium in patients with metastatic colorectal cancer. *J Surg Oncol.* 2007 Nov 1;96(6):518-24.
12. Rustemovic N, Hrstic I, Opacic M, Ostojic R, Jakic-Razumovic J, Kvarantan M, Pulanic R, Vucelic B. EUS elastography in the diagnosis of focal liver lesions. *Gastrointest Endosc.* 2007 Oct;66(4):823-4; discussion 824.
13. Pulanic R, Kalauz M, Opacic M, Rustemovic N, Brkic T. Successful pneumatic dilatation of achalasia in pregnancy. *Dig Liver Dis.* 2008 Jul;40(7):600-1.
14. Rustemovic N, Cukovic Cavka S, Opacic M, Petrovecki M, Hrstic I, Radic D, Ostojic R, Pulanic R, Vucelic B. Endoscopic ultrasound elastography as method for screening the patients with suspected primary sclerosing cholangitis. *Eur J Gastroenterol Hepatol* 2010; 22:748-53.
15. Ivekovic H, Rustemovic N, Brkic T, Opacic M, Pulanic R, Ostojic R, Vucelic B. The esophagus as a working channel: successful closure of a large Mallory-Weiss tear with clips and an endoloop. *Endoscopy* 2011;43 Suppl 2:E170.
16. Rustemovic N, Cukovic-Cavka S, Brinar M, Radic D, Opacic M, Ostojic R, Vucelic B. A pilot study of transrectal ultrasound elastography in inflammatory bowel disease. *BMC Gastroenterol* 2011 Oct 20;11(1):113.
17. Ivekovic H, Deban O, Rustemovic N, Ostojic R, Skegro M. Freehand endoscopic lithotripsy for Bouver's syndrome. *Acta Gastroenterol Belg.* 2012 Sep;75(3):375-6.
18. Ivekovic H, Rustemovic N, Brkic T, Ostojic R, Monkemuller K. Endoscopic ligation ("Loop-and-let-go") is effective treatment for large colonic lipomas: a prospective validation study. *BMC Gastroenterol.* 2014 Jul 8;14:122.
19. Opačić D, Rustemović N, Kalauz M, Markoš P, Ostojić Z, Majerović M, Ledinsky I, Višnjić A, Krznarić J, Opačić M. Endoscopic ultrasound elastography strain histograms in the evaluation of patients with pancreatic masses. *World J Gastroenterol.* 2015 Apr 7;21(13):4014-9. doi: 10.3748/wjg.v21.i13.4014.
20. Rustemovic N, D'Assuncao M, Bilic B, Ivekovic H, Hewitt BA, Jovanovic I, Mönkemüller K. A simple ex vivo, biologic ERCP training model for sphincterotomy. *Endoscopy.* 2015;47 Suppl 1 UCTN:E401-3. doi: 10.1055/s-0034-1392634. Epub 2015 Aug 14.
21. Ivekovic H, Bilic B, Markos P, Rustemovic N, Ostojic R, Mönkemüller K.

- Successful use of Hemospray to control refractory post-polypectomy bleeding. *Endoscopy*. 2015;47 Suppl 1:E466-7. doi: 10.1055/s-0034-1392865. Epub 2015 Oct 14.
22. Ivekovic H, Bilic B, Jakic Razumovic J, Kalauz M, Rustemovic N, Piessevaux H, Deprez PH. Endoscopic muscularis excavation of a rectal duplication cyst. *Endoscopy*. 2015;47 Suppl 1:E522-4. doi: 10.1055/s-0034-1392863.
23. Ivekovic H, Vrzic D, Bilic B, Rustemovic N, Ostojic R. Release and re-hook: a novel method with combined use of clips and nylon snare to close a colonic defect after mucosal resection. *Endoscopy*. 2015;47 Suppl 1 UCTN:E545-6.
24. Jovanovic I, Fry LC, Rustemovic N, Bilic B, Ivekovic H, D'Assunção M, Mönkemüller K. Initial validation of a simple, nonbiological, mechanical ERCP training model for cannulation and stent placement. *Endoscopy*. 2015;47 Suppl 1 UCTN:E585-6.
25. Reply to Bošković et al. Mönkemüller K, D'Assunção M, Rustemovic N, Iveković H, Bilic B, Fry L, Jovanovic I. *Endoscopy*. 2016 Jun;48(6):594-595.
26. Markos P, Bilic B, Miletic V, Rustemovic N. Jejunal catheter placement for levodopa-carbidopa infusion in a patient with Billroth I gastrectomy. *Endoscopy*. 2016;48 Suppl 1:E288
27. 12th WINFOCUS world congress on ultrasound in emergency and critical care. Acar Y, Tezel O, Salman N, Cevik E, Algaba-Montes M, Oviedo-García A, Patricio-Bordomás M, Mahmoud MZ, Sulieman A, Ali A, Mustafa A, Abdelrahman I, Bahar M, Ali O, Lester Kirchner H, Prosen G, Anzic A, Leeson P, Bahreini M, Rasooli F, Hosseinejad H, Blecher G, Meek R, Egerton-Warburton D, Čutić E, Belina S, Vančina T, Kovačević I, Rustemović N, Chang I, Lee JH, Kwak YH, Kim do K, Cheng CY, Pan HY, Kung CT, Čurčić E, Pritišanac E, Planinc I, Medić MG, Radonić R, Fasina A, Dean AJ, Panebianco NL, Henwood PS, Fochi O, Favarato M, Bonanomi E, Tomić I, Ha Y, Toh H, Harmon E, Chan W, Baston C, Morrison G, Shofer F, Hua A, Kim S, Tsung J, Gunaydin I, Kekec Z, Ay MO, Kim J, Kim J, Choi G, Shim D, Lee JH, Ambrozic J, Prokselj K, Lucovnik M, Simenc GB, Mačiulienė A, Maleckas A, Kriščiukaitis A, Mačiulis V, Macas A, Mohite S, Narancsik Z, Možina H, Nikolić S, Hansel J, Petrović R, Mršić U, Orlob S, Lerchbaumer M, Schönegger N, Kaufmann R, Pan CI, Wu CH, Pasquale S, Doniger SJ, Yellin S, Chiricolo G, Potisek M, Drnovšek B, Leskovic B, Robinson K, Kraft C, Moser B, Davis S, Layman S, Sayeed Y, Minardi J, Pasic IS, Džananovic A, Pasic A, Zubovic SV, Hauptman AG, Brajkovic AV, Babel J, Peklic M, Radonic V, Bielen. 12th WINFOCUS world congress on ultrasound in emergency and critical care. *Crit Ultrasound J*. 2016 Dec;8(1):13.
28. Rustemovic N, Kalauz M, Grubelic Ravic K, Ivekovic H, Bilic B, Ostojic Z, Opacic D, Ledinsky I, Majerovic M, Višnjić A. Differentiation of Pancreatic Masses via Endoscopic Ultrasound Strain Ratio Elastography Using Adjacent Pancreatic Tissue as the Reference. *Pancreas* 2017 Mar;46(3):347-351
29. Patrun J, Okresa L, Ivekovic H, Rustemovic N. Diagnostic Accuracy of NICE Classification System for Optical Recognition of Predictive Morphology of Colorectal Polyps. *Gastroenterology Research and Practice* 2018; Article ID 7531368
30. Majerović M, Jelaković M, Premužić M, Štromar IK, Radić D, Mance M, Pleština S, Ostojic R, Rustemović N, Krznarić Z. Hepatocellular Carcinoma Surveillance-Experience from Croatian Referral Centre for Chronic Liver Diseases. *J Gastrointest Cancer*. 2017 Nov 11
31. Valori R, Cortas G, de Lange T, Balfaqih OS, de Pater M, Eisendrath P, Falt P, Koruk I, Ono A, Rustemović N, Schoon E, Veitch A, Senore C, Bellisario C, Minozzi S, Bennett C, Bretthauer M, Dinis-Ribeiro M, Domagk D, Hassan C, Kaminski MF, Rees CJ, Spada C, Bisschops R, Rutter M. Performance measures for endoscopy services: a European Society of Gastrointestinal Endoscopy (ESGE) Quality Improvement Initiative. *Endoscopy*. 2018 Dec;50(12):1186-1204.
32. Voiosu T, Boskoski I, Voiosu AM, Benguş A, Ladic A, Klarin I, Bove V, Busuioc B, Rimbaş M, Rustemovic N, Mateescu B, Jovanovic I, Costamagna G. Impact of trainee involvement on the outcome of ERCP procedures: results of a prospective multicenter observational trial. *Endoscopy*. 2019 Nov 25. doi: 10.1055/a-1049-0359.

Prezentacije

Posljednje tri godine:

97. Diagnosis and management of nonvariceal upper gastrointestinal hemorrhage. Yaroslavl endoscopic symposium. Yaroslavl, Russia, 30.6. -1.7.2017. Aktivni sudionik "live demonstration WS" I predavač.
98. Virtual biopsy. First international conference. "Diagnostics and treatment of early gastrointestinal neoplasia" Minsk, Belarus, 15.Sept.2017. Aktivni sudionik "live demonstration WS" I predavač.
99. Training and competence in GI endoscopy. XIV Algorithms in gastrointestinal endoscopy and endoscopic ultrasound 10.11.2017 Zagreb.
100. Endoskopske metode, portalna hipertenzija, varikoziteti u trudnoći. Gastrointestinalne bolesti u trudnoći. Poslijediplomski tečaj medicinskog usavršavanja I.kategorije. Rijeka 3.2.2018.
101. Ultrazvukom vođene biopsije kod sumnje na hepatocelularni karcinom HCC i intrahepatalni kolangiokarcinom (ICC). Rak jetre 2.tečaj multidisciplinarnog i multimodalnog liječenja. Zagreb 23.2.2108.
102. ERCP cannulation including physician control wire guided cannulation and Rx. Endoscopy Summit 2019 Dubai, UAE, 11-12 April 2019.
103. Approach to the Pancreatic Cystic Lesions. 4th Annual Gastroenterology Conference: Updates in the Diagnosis and Treatment. Mouwasat Hospital, Dammam, Saudi Arabia 20th April 2019.
104. Future of Endoscopy in Gastroenterology. Split Live Endoscopy 2019. Split, Croatia, 19 th May 2019.
105. How to learn EUS? Adriatic EUS/ERCP workshop. Zagreb, 30-31 May 2019.
106. Potential implementation of virtual biopsy and robotics in gastroenterology.. 13th International NOTES-WIDER- Barcelona, 2019. Nov 25-26.
107. Virtualna biopsija u gastroenterologiji. Tumori probavnog sustava-što je novo? Opatija 29-30.11.2019.

Projekti

Voditelj projekta odobrenog od strane Ministarstva znanosti RH (2002.) : Evaluacija telemedicinskih konzultacija u ultrazvučnoj dijagnostici (br. 0214214), koji je zatvoren, ali je bio temelj osnivanju Zavoda za primjenu telemedicine u gastroenterologiji pri KBC Zagreb, koji je i Referentni centar MZRH

Šuradnik na projektu Ministarstva znanosti RH: Upalne bolesti crijeva (Crohn-ova

bolset I ulcerozni colitis)- (br. 108-1081874-1917)

Raniji projekti:

1. Od 1995-2001 istraživač na znanstvenom projektu: "Intervencijska gastroenterologija, razvoj i primjena novih tehnologija "
2. Konzultant u pilot projektu Ministarstva znanosti i tehnologije "Virtualna poliklinika-specijalističko-konzilijarna služba za otoke" 2000. koji se razvio u sveobuhvatni projekt Otočne telemedicine .pod pokroviteljstvom Vlade RH

Konferencije

Brojne u RH i svijetu kao organizator, demonstrator i predavač.

Seminari

Trajni seminarski repetitorij iz gastroenterologije i hepatologije s praktičnim vježbama iz endoskopije (Modul A, B i C.)

Priznanja i nagrade

Priznanje ESGE (European Society of gastrointestinal Endoscopy) za desetogodišnji tutorski rad na edukacijskim modelima u "learning centre" tijekom godišnjih konferencija (UEGW)
"6.aprilska nagrada grada Sarajeva" za unaprjeđenje medicinske struke između RH i Federacije BiH.

Članstva

Članstva: Hrvatsko gastroenterološko društvo, ASGE (American Society of Gastroenterology), ESGE (European Society of gastroenterology, European Crohn's and Colitis Organisation ECCO, Hrvatsko društvo za parenteralnu i enteralnu prehranu, European Pancreatic Club, HLZ, Član Hrvatske akademije medicinskih znanosti.

Uredništvo u časopisima: član uredničkog odbora Balkan Medical Journal i Acta Chirurgica Croatica.

Recenzent u više časopisa kao što su World Journal of Gastrointestinal Endoscopy, Medicinski glasnik, Medicinski žurnal, Medicinski arhiv, Medica Jadertina, Collegium antropologicum, Acta medica Croatica, Liječnički vjesnik, Endoscopy.