

**Osobni podaci**

Ime i prezime: Dragan Ljutić

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Datum rođenja: 20.10.1956. godine

Mjesto rođenja: Šibenik

Obitelj: oženjen, otac dvoje djece.

**Obrazovanje**

1975.-1980. Medicinski fakultet Sveučilišta u Zagreb

1985.-1989. Specijalizacija interne medicine za Internu kliniku KBC "Firule" u Splitu

1985. upisao postdiplomski studij iz kliničke patofiziologije pri Medicinskom fakultetu u Rijeci.

1992. stipendist Međunarodnog udruženja nefrologa iz kliničke nefrologije u Guy's bolnici u Londonu.

**Zaposlenja**

1980.-1982. stažist DZ Split

1982.-1985. liječnik opće medicine DZ Makarska

1985.-1989. specijalizant KB Split

Od 1989. specijalist na Klinici za unutarnje bolesti KBC Split

Od 1998. u kumulativnom radnom odnosu na Medicinskom fakultetu u Splitu

## **Akademski stupnjevi**

- 1988. - Magistar znanosti
- 1990. - Znanstveni asistent
- 1991. - Doktor znanosti
- 1994. - Znanstveni suradnik
- 1994. - Nastavni asistent
- 1996. - Nastavni docent
- 1999. - Izvanredni profesor
- 2003. - Redoviti profesor
- 2008. - Redoviti profesor u trajnom zvanju

## **Napredovanja i funkcije u službi**

- Od 1989. voditelj Odsjeka nefrologije pri Odjelu za nefrologiju i dijalizu
- Od 1996. voditelj Odjela za nefrologiju i dijalizu KBC Split
- Od 1997. pročelnik katedre za veliki izborni predmet i diplomski ispit na Medicinskom fakultetu Sveučilišta u Splitu
- 2001.- 2008. dopredsjednik Hrvatskog društva za nefrologiju, dijalizu i transplantaciju
- 2002.- 2007. voditelj Odjela za unutarnje bolesti Interne klinike - lokalitet Križine
- Od 2007. zamjenik predstojnika Klinike za unutarnje bolesti
- Od 2008. predsjednik Hrvatskog društva za nefrologiju, dijalizu i transplantaciju
- 2008.-2012. predsjednik Sveučilišnog Savjeta Sveučilišta u Splitu
- 2009.-2011. pomoćnik dekana za međunarodnu suradnju Medicinskog fakulteta sveučilišta u Splitu
- Od 1.10.2011. – 30. 9. 2015. dekan Medicinskog fakulteta Sveučilišta u Splitu

## **Uredništvo znanstvenih ili stručnih časopisa i knjiga**

- Od 1994. član Uredničkog odbora Dialyse Journal (hrvatsko izdanje), Zagreb.
- 1995. urednik knjige „Akutno zatajenje bubrega“

Od 1996. glavni urednik Hrvatskih Medicinskih Anala, Split.

### **Znanstveni projekti**

1992.- 1996.: suradnik na projektu "Izučavanje etiopatogeneze, dijagnostike i terapije hipertenzije". Financijer Ministarstvo znanosti Republike Hrvatske.

1996.- 2007.: voditelj projekta "Osobitosti uremijskog sindroma". Financijer Ministarstvo znanosti Republike Hrvatske

Od 2007.: voditelj projekta „Imunološke, hematološke, reološke i druge osobitosti uremijskog sindroma". Financijer Ministarstvo znanosti Republike Hrvatske

### **Mentorstva:**

- 11 diplomskih radova
- 8 magisterija
- 7 doktorata znanosti

### **Nagrade i priznanja**

1991. - dobitnik stipendije iz kliničke nefrologije Međunarodnog nefrološkog društva

1993. - stipendija British Council-a

1996. - zahvalnica HLZ za sudjelovanje u domovinskom ratu

2004. - European specialis in arterial hypertension

2005. - Premium professional member of American Heart Association (invited)

2006. - diploma HLZ

2009. - diploma HLZ

2013. – dobitnik nagrade Županije splitsko-dalmatinske

U nastavku je navedena znanstvena, nastavna i stručna djelatnost



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Prof. dr. sc. Dragan Ljutić

## Znanstvena, nastavna i stručna djelatnost pristupnika

### a) Znanstvena djelatnost

#### Radovi indeksirani u Current Contentsu

1. Radic J, Basic-Jukic N, Vujcic B, Klaric D, Radulovic G, Jakic M, Juric K, Altabas K, Grdan Z, Kovacevic-Vojtusek, Martinovic VC, Jankovic N, Gulin M, **Ljutic D**, Rackic S. Peritoneal dialysis international. Published: Jul-Aug 2017.
2. Begovic TI, Radic J, Radic M, Kovacic V, Sain M, **Ljutic D**. Seasonal variations of Nutritional Status in Maintenance Hemodialysis Patients. Published: Oct 2016.
3. Uglesic B, **Ljutić D**, Lasic D, Jelacic I, Visic V, Glavina T, Sundov Z, Puljiz Z, Cvitanovic MZ, Meter A. Depression and serum interleukin-6 levels in patients on dialysis. Published: 2015.
4. Sain M, Kovacic V, Radic J, **Ljutic D**, Jelacic I. Therapeutic apheresis and dialysis. Published: April 2014.
5. Kaliterna DM, Radić M, **Ljutić D**. Does estrogen stimulate the pathogenic sort of anticardiolipin antibodies. Published: March 2014.
6. Vujcic B, Mikolasevic I, Racki S, Orlic L, **Ljutic D**, Bubic I. BCM- Body Composition Monitor. A new Tool for the Assessment of Volume-Dependent Hypertension in Patients of Maintenance Hemodialysis. Published: 2013
7. Sain M, Kovacic V, Radic J, **Ljutic D**, Jelacic I. What are the lowest doses of low molecular weight heparin for effective and safe hemodialysis in different subgroups of patients? Therapeutic apheresis and dialysis : official peer-reviewed journal of the International Society for Apheresis, the Japanese Society for Apheresis, the Japanese Society for Dialysis Therapy. 2014;18(2):208-9. Epub 2014/04/12.
8. Kaliterna DM, Radic M, **Ljutic D**. Does estrogen stimulate the pathogenic sort of anticardiolipin antibodies? The Israel Medical Association journal : IMAJ. 2014;16(3):197-8. Epub 2014/04/26.
9. Vujcic B, Mikolasevic I, Racki S, Orlic L, **Ljutic D**, Bubic I. BCM - Body Composition Monitor: A New Tool for the Assessment of Volume-Dependent Hypertension in Patients on Maintenance Haemodialysis. Collegium Antropologicum. 2013;37(3):815-9.

10. Kovacevic LM, Puizina-Ivić, N; **Ljutić, D** Brakus, SM; Govorko, DK, Jelčić, I , Mirić, D Resić,; Saraga-Babić, M. Differences in epidermal thickness and expression of apoptosis regulatory protein in the skin of patients with chronic renal failure and pruritus. Published 2013.
11. Kovacic, V , **Ljutić D**, Jelčić I, Sain M, Radic J, Radic M, . Spleen Rupture Associated with Septic Emboli and Endocarditis in a Hemodialysis Patient. Published 2013.  
Kovacic V, **Ljutić D**, Jelčić I, Sain M, Radic J, Radic M. Spleen Rupture Associated with Septic Emboli and Endocarditis in a Hemodialysis Patient. *Blood Purification*. 2013;35(1-3):177-80.
12. Kovacevic LM, Puizina-Ivic N, **Ljutić D**, Brakus SM, Govorko DK, Jelčić I, et al. Differences in epidermal thickness and expression of apoptosis regulatory proteins in the skin of patients with chronic renal failure and pruritus. *Acta Histochemica*. 2013;115(2):144-50.
13. Sain M, **Ljutić D**, Kovacic V, Radic J, Jelčić I. The Influence of Decreased Low-Molecular-Weight Heparin Nadroparin Dose on Diastolic Blood Pressure in Patients on Hemodialysis. *Clinical and Applied Thrombosis-Hemostasis*. 2012;18(5):519-25.
14. Sain M, Kovacic V, Radic J, **Ljutić D**, Jelčić I. Potential Beneficial Effects of Low Molecular Weight Heparin on Cognitive Impairment in Elderly Patients on Haemodialysis. *Drugs & Aging*. 2012;29(1):1-7.
15. Novakovic ZS, Durđov MG, Puljak L, Saraga M, **Ljutić D**, Filipović T, et al. The interstitial expression of alpha-smooth muscle actin in glomerulonephritis is associated with renal function. *Medical Science Monitor*. 2012;18(4):CR235-CR40.
16. Skaro DB, Jelčić I, **Ljutić D**. Intraluminal Stone in a PD Catheter-A Rare Complication. *Peritoneal Dialysis International*. 2011;31(3):371-2.
17. Sain M, **Ljutić D**, Kovacic V, Radic J, Jelčić I. The individually optimized bolus dose of nadroparin is safe and effective in diabetic and nondiabetic patients with bleeding risk on hemodialysis. *Hemodialysis International*. 2011;15(1):52-62.
18. Radic J, **Ljutić D**, Radic M, Kovacic V, Sain M, Dodig-Curković K. Is There Differences in Cognitive and Motor Functioning between Hemodialysis and Peritoneal Dialysis Patients? *Renal Failure*. 2011;33(6):641-9.
19. Radic J, **Ljutić D**, Radic M, Kovacic V, Dodig-Curković K, Sain M. Kidney Transplantation Improves Cognitive and Psychomotor Functions in Adult Hemodialysis Patients. *American Journal of Nephrology*. 2011;34(5):399-406.

20. Radic J, **Ljutić D**, Radic M, Kovacic V, Curkovic KD, Sain M. Cognitive-Psychomotor Functions and Nutritional Status in Maintenance Hemodialysis Patients: Are They Related? *Therapeutic Apheresis and Dialysis*. 2011;15(6):532-9.
21. Basic-Jukic N, Gulin M, Slavicek J, Coric-Martinovic V, Iskra B, Racki S, Sain M, Ostojic R, Hrstic I, **Ljutić D**, Vucelic B, Kes P. Pegylated Interferon for Treatment of Chronic Hepatitis C in Hemodialysis Patients in Croatia. *Kidney & Blood Pressure Research*. 2011;34(1):53-7.
22. Simunovic VJ, Hozo I, Rakic M, Jukic M, Tomic S, Kokic S, **Ljutić D**, Druzijanic N, Grkovic I, Simunovic F, Marasovic D. New Paradigm in Training of Undergraduate Clinical Skills the NEPTUNE-CS project at the Split University School of Medicine. *Croatian Medical Journal*. 2010;51(5):373-80.
23. Radic J, **Ljutić D**, Radic M, Kovacic V, Sain M, Curkovic KD. The possible impact of dialysis modality on cognitive function in chronic dialysis patients. *Netherlands Journal of Medicine*. 2010;68(4):153-7.
24. Barisic I, **Ljutić D**, Vlaskovic T, Bekavac J, Peric I, Mise K, et al. beta 2-Microglobuline Plasma Level and Painful Shoulder in Haemodialysed Patients. *Collegium Antropologicum*. 2010;34:315-20.
25. Miric L, Miric D, Duplancic D, Kokic S, **Ljutić D**, Pesutic V, et al. Specific and gender differences between hospitalized and out of hospital mortality due to myocardial infarction. *Collegium Antropologicum*. 2008;32(2):361-7.
26. Kovacic V, **Ljutić D**, Dodig J, Radic M, Duplancic D. Influence of haemodialysis on early markers of atherosclerosis. *Nephrology*. 2008;13(6):472-9.
27. Radman M, Jurisic D, **Ljutić D**, Lerkovic R, Kovacic N, Hozo IS. Assessing glycemia in type 1 diabetic patients using a microdialysis system for continuous glucose monitoring. *Annals of Saudi Medicine*. 2007;27(3):166-70.
28. Radman M, Erzen DJ, **Ljutić D**, Soldo D, Sincic-Mijandrusic B, Jerkovic R. The rare side effect during Microdialysis continuous subcutaneous glucose monitoring in type 1 diabetic patient. *Endocrinologist*. 2007;17(5):252-4.
29. **Ljutić D**, Radovnikovic G, Kurir TT. Acute renal failure associated with rhabdomyolysis in acute Q fever. *Renal Failure*. 2007;29(6):743-6.

30. Bazina M, Glavina-Durdov M, Scukanec-Spoljar M, Bazina A, Vukojevic K, **Ljusic D**, et al. Epidemiology of renal disease in children in the region of Southern Croatia: A 10-year review of regional renal biopsy databases. *Medical Science Monitor*. 2007;13(4):CR172-CR6.
31. Barisic I, **Ljusic D**, Vlak T, Bekavac J, Jankovic S. Laboratory and sonographic findings in dialyzed patients with bilateral chronic knee pain versus dialyzed asymptomatic patients. *Collegium Antropologicum*. 2007;31(2):489-94.
32. Babic BK, **Ljusic D**, Brnic D, Dodig J. The role of plasmapheresis in the treatment of amiodarone-induced thyrotoxicosis. *Dialysis & Transplantation*. 2007;36(4):227-8.
33. Radic M, Kaliterna DM, **Ljusic D**. The level of anti-topoisomerase I antibodies highly correlates with metacarpophalangeal and proximal interphalangeal joints flexion contractures in patients with systemic sclerosis. *Clinical and Experimental Rheumatology*. 2006;24(4):407-12.
34. Barisic I, **Ljusic D**, Jankovic S, Vlak T, Tomic S, Kokic S, et al. Relevant sonographic parameters of a painful shoulder in symptomatic dialyzed patients versus asymptomatic dialyzed and healthy volunteers. *Collegium Antropologicum*. 2006;30(2):313-8.
35. Simunic M, **Ljusic D**, Mise S, Pesutic-Pisac V, Tonkic M, Hozo I. Helicobacter pylori eradication for the treatment of dyspeptic symptoms in chronic renal failure. *Annals of Saudi Medicine*. 2005;25(5):425-7.
36. Simunic M, **Ljusic D**, Mise S, Pesutic-Pisac V, Tonkic M. Are dyspeptic symptoms in chronic renal failure aggravated by Helicobacter pylori infection? *Dialysis & Transplantation*. 2005;34(5):314-+.
37. Kovacic V, **Ljusic D**. Two spent dialysate samples are sufficient for hemodialysis efficacy assessment. *International Journal of Artificial Organs*. 2005;28(1):22-9.
38. Salamunic I, Juretic D, **Ljusic D**. Effect of different dialysis membranes on erythrocyte antioxidant enzyme levels and scavenger systems related to free hemoglobin in serum of hemodialysis patients. *Clinical Chemistry and Laboratory Medicine*. 2003;41(7):904-7.
39. **Ljusic D**, Kes P. The role of arterial hypertension in the progression of non-diabetic glomerular diseases. *Nephrology Dialysis Transplantation*. 2003;18:28-30.
40. **Ljusic D**. Haemodialysis increases QTc interval but not QTc dispersion in ESRD patients without manifest cardiac disease. *Nephrology Dialysis Transplantation*. 2003;18(7):1414-.
41. **Ljusic D**, Perkovic D, Rumboldt Z, Bagatin J, Hozo I, Pivac N. Comparison of ondansetron with metoclopramide in the symptomatic relief of uremia-induced nausea and vomiting. *Kidney & Blood Pressure Research*. 2002;25(1):61-4.

42. Cala Z, Mimica Z, **Ljusic D**, Jankovic N, Varlaj V, Cala S. Laparoscopic placement of the peritoneal dialysis catheter using a specially designed trocar: A review of 84 patients. *Dialysis & Transplantation*. 2000;29(11):722-+.
43. Lusic I, **Ljusic D**, Maskovic J, Jankovic S. Plasma and cerebrospinal fluid endogenous digoxin-like immunoreactivity in patients with aneurysmal subarachnoid haemorrhage. *Acta Neurochirurgica*. 1999;141(7):691-7.
44. Pivac N, Rumboldt Z, Sardelic S, Bagatin J, Polic S, **Ljusic D**, et al. Diuretic effects of furosemide infusion versus bolus injection in congestive heart failure. *International Journal of Clinical Pharmacology Research*. 1998;18(3):121-8.
45. Bagatin J, Sardelic S, Pivac N, Polic S, **Ljusic D**, Rakic D, et al. Comparison of chlorthalidone, propranolol and bopindolol in six-month treatment of arterial hypertension. *International Journal of Clinical Pharmacology Research*. 1998;18(2):73-8.
46. **Ljusic D**. Successful treatment of cyclosporine-associated gingival hyperplasia with azithromycin therapy: A case report. *Dialysis & Transplantation*. 1997;26(11):787-8.
47. Hozo I, Rumboldt Z, Andelinovic S, **Ljusic D**, Bojic L, Miric D. The spectrum of diffuse and focal liver lesions in workers exposed to vinylchloridemonomer. *Annals of Saudi Medicine*. 1997;17(5):571-2.
48. Hozo I, Andelinovic S, **Ljusic D**, Bojic L, Miric D, Giunio L. Two new cases of liver angiosarcoma: History and perspectives of liver angiosarcoma among plastic industry workers. *Toxicology and Industrial Health*. 1997;13(5):639-47.
49. **Ljusic D**, PiplovicVukovic T, Raos V, Andrews P. Acute renal failure as a complication of acute pancreatitis. *Renal Failure*. 1996;18(4):629-33.
50. Simunic M, Rumboldt Z, **Ljusic D**, Sardelic S. Ramipril decreases chlorthalidone-induced loss of magnesium and potassium in hypertensive patients. *Journal of Clinical Pharmacology*. 1995;35(12):1150-5.
51. **Ljusic D**, Rumboldt Z. Possible interaction between azithromycin and cyclosporine - a case-report. *Nephron*. 1995;70(1):130-.
52. **Ljusic D**, Glavina M. Tubulointerstitial nephritis with uveitis syndrome following varicella-zoster reactivation. *Nephron*. 1995;71(4):485-6.
53. **Ljusic D**. QT dispersion in essential-hypertension. *Qjm-Monthly Journal of the Association of Physicians*. 1995;88(9):677-.



54. **Ljusic D**, Cameron JS, Ogg CS, Turner C, Hicks JA, Owen WJ. Long-term follow-up after total parathyroidectomy without parathyroid reimplantation in chronic-renal-failure. Quarterly Journal of Medicine. 1994;87(11):685-92.
55. **Ljusic D**, Rumboldt Z, Simunic M, Pivac N, Bagatin J, Andrews P. Q-T interval as predictor of serum-calcium level. International Journal of Cardiology. 1993;42(2):161-4.
56. **Ljusic D**, Rumboldt Z. Should glucose be administered before, with, or after insulin, in the management of hyperkalemia. Renal Failure. 1993;15(1):73-6.
57. Dujic Z, Tocilj J, **Ljusic D**, Eterovic D. Effects of hemodialysis and anemia on pulmonary diffusing-capacity, membrane diffusing-capacity and capillary blood-volume in uremic patients. Respiration. 1991;58(5-6):277-81.
58. **Ljusic D**, Rumboldt Z. The influence of the atrial natriuretic factor on venous tone in man. International Journal of Clinical Pharmacology Research. 1989;9(4):255-60.

**Radovi indeksirani u SCI-Expanded (Web of Science)**

1. Kurir TT, Bozic J, Dragicevic D, **Ljusic D**. Successful treatment of renal artery embolism forty-eight hours after event. Acta Clinica Croatica. June 2014.
2. Jelacic I, **Ljusic D**, Sain M, Kovacic V, Radic J. Influence of local inflammation of the peritoneal membrane on diuresis and residual renal function in patients treated with peritoneal dialysis. Journal of Artificial Organs. 2012;15(1):65-70.
3. Lusic I, **Ljusic D**, Pintaric I, Capkun V. Cerebral vasospasm and hyponatremia following aneurysmal subarachnoid hemorrhage: Possible role of endogenous digoxin-like substance. Neurologia Croatica. 1998;47(3-4):187-98.
4. **Ljusic D**. Effects of an unusually high-dose of angiotensin-II. Periodicum Biologorum. 1988;90(3):389-.

### Radovi indeksirani u Medlineu

1. Basic-Jukic N, Pavlovic D, Smalcelj R, Tomic-Brzac H, Orlic L, Radic J, Vujcic B, Lovcic V, Pavic E, Klaric D, Gulin M, Spasovski G, **Ljutic D**, Danic D, Prgomet D, Resic H, Ratkovic M, Kes P, Racki S. Guidelines for the prevention, monitoring and therapy of chronic kidney disease-metabolic bone disease in patients with chronic kidney disease. *Liječnički vjesnik*. May 2016.
2. Racki S, Basic-Jukic N, Kes P, **Ljutic D**, Lovcic V, Prkacin I, Radic J, Vujcic B, Bubic I, Jakic M, Belavic Z, Sefer S, Pehai M, Klaric D, Gulin M, Croatian Society of Nephrology, Dialysis and Transplantation. *Acta Medica Croatica*. April 2014.
3. Basic-Jukic N, Racki S, Kes P, **Ljutic D**, Vujcic B, Lovcic V, Prkacin I, Radic J, Jakic M, Klaric D, Gulin M. How to prevent protein energy wasting in patients with chronic kidney disease-position statement of the Croatian Society of Nephrology, Dialysis and Transplantation?. *Acta Medica Croatica*. April 2014.
4. Sain M, **Ljutic D**, Kovacic V, Radic J, Jelacic I. Znamo li sve o ucincima heparina u bolesnika lijecenih hemodijalizom? [Do we know all effects of heparins in hemodialyzed patients?]. *Acta Medica Croatica*. 2012;66(3):215-20.
5. Kes P, Basic-Jukic N, **Ljutic D**, Brunetta-Gavranic B. Uloga arterijske hipertenzije u nastanku kronicnog zatajenja bubrega. [The role of arterial hypertension in development of chronic renal failure]. *Acta Medica Croatica*. 2011;65 Suppl 3:78-84.
6. **Ljutic D**. Kada, zasto i kako treba lijeciti anemiju u kronicnih bubrenih bolesnika. [When, why and how should we treat anaemia in chronic kidney disease?]. *Acta Medica Croatica*. 2009;63 Suppl 1:75-6.
7. Sain M, Filipovic T, Pehar G, **Ljutic D**. "Slatki" hidrotoraks rana komplikacija lijecenja CAPD: prikaz bolesnika. ["Sweet" hydrothorax--the early complication of CAPD: case report]. *Acta Medica Croatica*. 2008;62 Suppl 1:90-2.
8. **Ljutic D**, Dodig J, Kovacic V. Arterijska hipertenzija i prehrana. [Arterial hypertension and diet]. *Liječnički Vjesnik*. 2007;129(10-11):364-6.
9. Kes P, **Ljutic D**, Basic-Jukic N, Brunetta B. Indikacije za kontinuirano nadomjestanje bubrezne funkcije. [Indications for continuous renal function replacement therapy]. *Acta Medica Croatica*. 2003;57(1):71-5.

10. **Ljutić D**, Sardelić S, Bagatin J, Pivac N, Rumboldt Z. QT interval as a marker of venous reactivity in dialysis patients. *Acta Medica Croatica*. 1998;52(1):39-41.
11. Raos V, Jeren-Strujic B, Horvatin-Godler S, **Ljutić D**, Straus B. Effect of therapeutic interventions on CK and CK MB serum activity kinetics during acute myocardial infarct. *Acta Medica Croatica*. 1997;51(1):41-8.
12. Hozo I, Andelinovic S, **Ljutić D**, Mirić D, Bojic L, Gaspercic I. Vinylchloride monomer exposure by the plastic industry workers basic condition for liver angiosarcoma appearance. *Medicinski Arhiv*. 1996;50(1-2):9-14.
13. Bagatin J, Rumboldt Z, Polić S, Sardelić S, **Ljutić D**, Capkun V, et al. Biokemijske promjene u hipertonicara tijekom jednogodišnjeg krizanog liječenja hidroklorotiazidom i propranololom. [Biochemical changes in hypertensive patients during a 1-year cross-over study of treatment with hydrochlorothiazide and propranolol]. *Liječnički Vjesnik*. 1996;118(1-2):11-6.
14. Raos V, Jeren-Strujic B, **Ljutić D**, Horvatin-Godler S, Straus B. The effect of intravenous nitroglycerin therapy on infarct size in patients with acute myocardial infarction. *Acta Medica Croatica*. 1995;49(1):5-14.
15. **Ljutić D**, Raos V, Biocić M. Aldosterone and blood pressure in obese subjects during short-term starvation. *Acta Medica Croatica*. 1995;49(4-5):165-8.
16. **Ljutić D**. Uspješno liječenje brzoprogredirajućeg glomerulonefritisa udruženog s purpustom Henoch-Schonlein visokim dozama metilprednizolona. [Successful treatment of rapidly progressive glomerulonephritis associated with Henoch-Schoenlein purpura with high doses of methylprednisolone]. *Liječnički Vjesnik*. 1995;117(9-10):256-7.
17. Hozo I, Mirić D, **Ljutić D**, Giunio L, Andelinovic S, Bojic L. Meduovisnost kolicine, vrste i duzine pijenja alkohola u nastanku alkoholne ciroze jetre. [Relation between the quantity, type and duration of alcohol drinking and the development of alcoholic liver cirrhosis]. *Medicinski Arhiv*. 1995;49(1-2):5-8.
18. **Ljutić D**, Korsic M. Arterijska hipertenzija pretilih--pogled na etiopatogenezu. [Arterial hypertension in the obese--aspects of etiopathogenesis]. *Liječnički Vjesnik*. 1993;115(3-4):119-23.
19. Mirić D, **Ljutić D**, Eterović D, Hodžić M, Pavić M. Jugo pospjesuje nastanak paroksizmalne fibrilacije atriya na srednjodalmatinskom priobalnom području. [The sirocco wind increases the onset of paroxysmal atrial fibrillation in patients in the central Dalmatian coastal region]. *Liječnički Vjesnik*. 1992;114(5-8):93-5.

20. **Ljutić D.** Srce--zlijezda s unutrašnjim izlucivanjem. [The heart--a gland with endocrine effects]. Lijecnicki Vjesnik. 1988;110(8):284-8.

### Radovi indeksirani u Scopusu

1. Basic-Jukic N, Vujicic B, Radic J, Klaric D, Grdan Z, Radulovic G, Juric K, Altabas K, Jakic M, Coric-Martinovic V, Kovacevic-Vojtusek I, Gulin M, Jankovic N, **Ljutić D**, Racki S. Correlation of residualdiuresis with MIS score and nutritional status in peritoneal dialysis patients: A croatian nationwide study. BANTAO Journal. 2015.
2. **Ljutić D**, Jeličić I. Drugs targeting the renin-angiotensin-aldosterone system. Medicus. 2010;19(2):139-46.
3. **Ljutić D**, Rački S, Kes P. CSNDT: Clinical practice guideline for anemia management in chronic kidney disease. Acta Medica Croatica. 2009;63(SUPPL. 1):77.
4. **Ljutić D**, Jeličić I. Resistant arterial hypertension. Medicus. 2007;16(2):195-9.
5. **Ljutić D**, Rumboldt Z, Bagatin J, Sardelic S, Giunio L, Lukin A. Spurious complication of central venous cannulation. Croatian Medical Journal. 1995;36(4):266-7.
6. Bagatin J, Sardelic S, Rumboldt Z, Polic S, Pivac N, **Ljutić D**. An approach to a symptomatic hypotensive patient. Orthostatic test as a guide to diagnostic and therapeutic procedure. Pharmaca. 1995;33(1-2):77-86.
7. Simunic M, Rumboldt Z, Sardelic S, **Ljutić D**, Maras-Simunic M, Capkun V, et al. Ramipril decreases chlorthalidone-induced loss of magnesium in hypertensives. Pharmaca. 1994;32(3):307-24.
8. **Ljutić D**. Clinical and pharmacological properties of the atrial natriuretic factor. Pharmaca. 1989;27(3-4):181-5.
9. **Ljutić D**. Natriuretic hormone. Medicinski Anali. 1988;14(1):97-103.
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### Znanstveni projekti

- 1992.- 1996.: suradnik na projektu "Izučavanje etiopatogeneze, dijagnostike i terapije hipertenzije". Financijsko Ministarstvo znanosti Republike Hrvatske.
- 1996.- 2007.: voditelj projekta "Osobitosti uremijskog sindroma". Financijsko Ministarstvo znanosti Republike Hrvatske
- Od 2007.: voditelj projekta „Imunološke, hematološke, reološke i druge osobitosti uremijskog sindroma". Financijsko Ministarstvo znanosti Republike Hrvatske

### Mentorstva:

- 11 diplomskih radova
- 8 magisterija
- 7 doktorata znanosti



### Recenzije

Recenzent je dva sveučilišna udžbenika:

1. Gotovac J. Urologija, Split 2004.
2. Kosinac Z. Kineziterapija: tretmani poremećaja i bolesti organa i organskih sustava, Split 2006,

te dvije znanstvene knjige:

1. Polić S, sur. Hitna stanja u kardiologiji i angiologiji. Split
2. Mirić D, sur. Suvremen život i srce. Split 2001.

### **b) Nastavna djelatnost**

#### Sudjelovanje u nastavi

Od 1993., redovito sudjeluje u dodiplomskoj nastavi.

Od 1994. godine sudjeluje na više poslijediplomskih tečajeva i simpozija kao predavač – nefrologija (Npr. Akutno zatajenje bubrega, Paratireoidektomija u uremičara, Hemodinamski poremećaji uremičara, Amiloidoza i membrane za dijalizu), intenzivna skrb (Akutno zatajenje bubrega u tijeku akutnog pankreatitisa), kardiologija (Hiperuricemija i kardiovaskularne bolesti) i hitna medicina (Poremećaji tjelesne vode, elektrolita i acidobazne ravnoteže), itd.

Od 1999. D je uključen u izvođenje nastave poslijediplomskog znanstvenog studija “Temeljne i kliničke medicinske znanosti” u smjeru Klinička fiziologija kao voditelj predmeta Nefrologija na MF Sveučilišta u Splitu.

Od 2005. godine jedan je od voditelja poslijediplomskog studija „Dijaliza“ pri Medicinskom fakultetu Zagreb.

### Autorstvo i koautorstvo udžbenika:

1. Rumboldt Z i sur. **Odabrana poglavlja iz terapije**. 4. izd. Jedinica za znanstveni rad KBC Split, 1992.
  - Liječenje poremetnji metabolizma kalcija.
2. Ljutić D, Rumboldt Z. **Akutno zatajenje bubrega**. Slobodna Dalmacija d.d. 1995.

- Pigmentne nefropatije
- Imunološki posredovane bolesti glomerula i akutno zatajenje bubrega
- Tubulointersticijske bolesti i akutno zatajenje bubrega
- 3. Mirić D i sur. **Preventivna Kardiologija**. Jedinica za znanstveni rad KB Split. 1997.
  - Hiperuricemija i kardiovaskularne bolesti.
- 4. Janković S, Polić S, Petričević A, Bačić A. **Odabrana poglavlja iz hitne medicine**. Jedinica za znanstveni rad KB Split. 1998.
  - Poremećaji tjelesne vode, elektrolita i acidobazne ravnoteže: dijagnostika i liječenje.
- 5. Punda-Polić V, Bagatin J, Bradarić N. **Antibiotici - racionalna primjena**. Jedinica za znanstveni rad KB Split. 1998.
  - Osobitosti farmakokinetike i doziranja protubakterijskih lijekova u zatajenju bubrega.
- 6. Mirić D, Giunio L, Vuković I i sur. **Koronarna bolest**. Hrvatsko kardiološko društvo. Split 2006.
  - Arterijska hipertenzija i koronarna bolest srca.

### Pozvana predavanja

1. **VII. međunarodni simpozij: Visokoprotlačna dijaliza**. Mošćenička draga, 11-13 lipnja 1999. *Bolesti srca u uremičara*.
2. **The Japan-European Nephrology forum**. Vibo Valentia, November 25-27 1999. *Tubulointerstitial nephritis-uveitis syndrome*.
3. **Simpozij: Nefrologija danas (2000.)-Dijabetička nefropatija**. Zagreb 10 ožujka 2000. *Arterijska hipertenzija i dijabetička nefropatija*.
4. **Simpozij: Nefrologija danas (2002.)- Tubulointersticijski nefritis**. Zagreb 15.ožujka 2002. *Analgetska nefropatija*.
5. **Arterijska hipertenzija - novi aspekti ranijih spoznaja**. Zagreb 7-8 lipnja 2002. *Hipertenzivne krize - kojim lijekovima i koliko brzo sniziti arterijski tlak?*
6. **hrvatski kongres nefrologije, dijalize i transplantacije**. Plitvička Jezera 10-13.10.2002. *Uloga arterijske hipertenzije u progresiji nedijabetičke bolesti glomerula. ACE inhibitori i blokatori angiotenzinskih receptora*.
7. **The 16th Danube Symposium on Nephrology**. Bled, 19-22 September 2002.

- The role of arterial hypertension in the progression of non-diabetic glomerular diseases.*
8. **Simpozij: Nedoumice u prevenciji i liječenju koštane bolesti i anemije.** Rovinj, 8-10. studeni 2002. *Poteškoće i neriješeni problemi u liječenju bubrežne anemije.*
  9. **Novosti u peritonejskoj dijalizi.** Trogir 29-31.05.2003. *Peritonejska dijaliza - prvi izbor liječenja kroničnog bubrežnog zatajenja.*
  10. **An Update in Clinical Nephrology.** Dubrovnik September 29-October 3, 2003. *Arterial hypertension and kidney. Acute renal failure: where are we now? Peritoneal dialysis as a first choice of ESRD treatment. Pure red cell aplasia.*
  11. **Međunarodni simpozij: „Korak naprijed u liječenju peritonejskom dijalizom“.** Maribor 9-11.03.2004. *PD kao metoda prvog izbora u KBZ.*
  12. **Dijalizni praktikum: Kardioprotektivna dijaliza.** Rovinj, 03-05.06.2004. *Ultračisti dijalizat. Značenje „InLine“ sterilizacije parom za bioadekvatnost HD.*
  13. **Suvremena dijabetologija.** Split, 23. listopada 2004. *Dijabetička nefropatija.*
  14. **Nefrološki kongres Bosne i Hercegovine.** Tuzla 06-09.04.2005. *Peritonejska dijaliza: metoda prvog izbora u liječenju kroničnog bubrežnog zatajenja.*
  15. **„Ad hoc“ minisimpozij o uporabi heparina u hemodijalizi.** Zagreb 23. lipnja 2005. *Uporaba niskomolekularnog heparina u hemodijalizi: rezultati istraživanja*
  16. **BANTAO 7th Congress.** Ohrid, September 8-11 2005. *Changing Spectrum of Acute Renal Failure: What Therapy Would I Choose and Why?*
  17. **16. simpozij Hrvatskog društva medicinskih biokemičara: Laboratorijska dijagnostika bubrežnih bolesti.** Zagreb, 18-21. svibnja 2005. *Glomerulopatije i vrijednosti laboratorijskih pretraga u dijagnostici.*
  18. **Hrvatski kongres nefrologije, dijalize i transplantacije.** 7-9.10.2005. *Dobrobiti i rizici liječenja bubrežne anemije eritropoetinom - 18 godina kliničkog iskustva.*
  19. **Zašto i kao liječiti poremećaje metabolizma kalcija i fosfora kod bolesnika s kromičnom bubrežnom bolesti.** Split *Uzroci i posljedice hiperfosfatemije kod bolesnika s kroničnom bubrežnom bolesti.*
  20. **Prvi hrvatski kongres o hipertenziji.** Zagreb, 9-12. studeni 2006. *Što nam donose nove dijetetske smjernice u liječenju arterijske hipertenzije?*
  21. **Suvremena dijagnostika i terapija bolesti doštitnih žlijezda.** Split, 8 travnja 2006. *Renalna osteodistrofija.*

22. **Kontinuirano nadomještanje bubrežne funkcije.** Zagreb 17 veljače 2007. *Krvožilni pristup, antikoagulancija, dijalizat i nadomjesna tekućina. Indikacije za kontinuirano nadomještanje bubrežne funkcije.*
23. **Symposium of the Nephrologists from Macedonia and Croatia: Current issues in Nephrology.** Struga 18-20 May 2007. *Erythropoetin: New possibilities for treatment.*
24. **Simpozij: Kako poboljšati liječenje peritonejskom dijalizom.** Supetar 12-14 listopada 2007. *Liječenje postupkom peritonejske dijalize danas.*

### c) Stručna djelatnost

- 1980.-1982. stažist DZ Split  
1982.-1985. liječnik opće medicine DZ Makarska  
1985.-1989. specijalizant KB Split  
Od 1989. specijalist na Klinici za unutarnje bolesti KBC Split

### Članstva:

- Od 1980. godine član Hrvatskog liječničkog zbora  
Od 1989. godine član Hrvatskog društva za nefrologiju, dijalizu i transplantaciju.  
Od 1988. godine član The New York Academy of Sciences.  
Od 1989. godine član The International Society of Nephrology.  
Od 1993. godine član ERA i EDTA.  
Od 1996. godine član The British Society of Medicine.  
Od 2004. godine European specialist for arterial hypertension  
Od 2005. godine Premium professional member of AHA

Pristupnik je na Internoj klinici u KB Split kao rutinske utemeljio slijedeće metode: biopsija bubrega, peritonejska dijaliza, plazmafereza, hemoperfuzija, postavljanje kava katetera za dijalizu.



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