

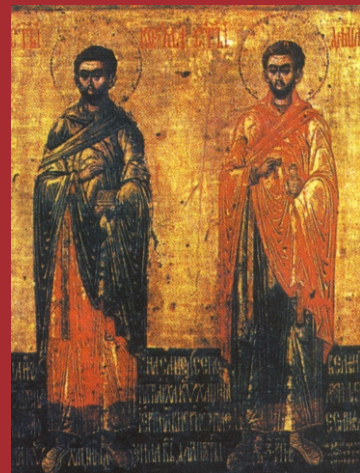
Vol 50, No 4, December, 2011

UDK 61

ISSN 0365-4478 (Printed)

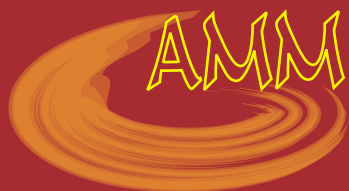
ISSN 1821-2794 (Online)

www.medfak.ni.ac.rs/amm



ACTA MEDICA MEDIANAE

Naučni časopis
Medicinskog fakulteta Univerziteta u Nišu i
Podružnice Srpskog lekarskog društva u Nišu



Scientific Journal of the University of Nis Faculty of Medicine
and the Department of the Serbian Medical Society in Nis



Glavni i odgovorni urednik

Editor

Prof. Radoslav Živić, MD, PhD

Izvršni urednik Executive Editor

Assist. Prof. Boris Đinđić, MD, PhD (Niš, Serbia)

Sekreterijati uređivačkog odbora Editorial assistants

Assoc. Prof. Emilija Golubović, MD, PhD (Niš, Serbia)
Assist. Prof. Dušan Sokolović, MD, PhD (Niš, Serbia)
Assist. Prof. Marija Daković-Bjelaković, MD, PhD (Niš, Serbia)
Assist. Voja Pavlović, MD, PhD (Niš, Serbia)
Assist. Prof. Dušanka Kitić, MD, PhD (Niš, Serbia)
Assist. Prof. Ivan Micić, MD, PhD (Niš, Serbia)
Assist. Prof. Dušan Milisavljević, MD, PhD (Niš, Serbia)
Assist. Prof. Zoran Bojanić, MD, PhD (Niš, Serbia)
Assist. Prof. Biljana Đorđević, MD, PhD (Niš, Serbia)
Assist. Prof. Jasmina Đorđević-Jocić, MD, PhD (Niš, Serbia)
Assist. Srđan Ljubisavljević, MD, PhD (Niš, Serbia)
Nataša Bakić-Mirić, University lecturer of English, PhD (Niš, Serbia)
Jelena Radović, MD (Niš, Serbia)
Danica Marković, MD (Niš, Serbia)
Asen Veličković, MD (Niš, Serbia)
Slavića Stojnev, MD (Niš, Serbia)
Nataša Janković, MD (Niš, Serbia)
Dane Krtinić, MD (Niš, Serbia)
Jelena Džambas, MD (Niš, Serbia)

Tehnička i internet obrada Technical and Internet Editing

Danijela Nikolić, B. Sc.
Snežana Avramović, B. Sc.

Lektor za engleski jezik Proofreading

Bojana Marjanović,
Diplomirani filolog za engleski jezik i književnost
B.A. in English language and literature

Lektor za srpski jezik Proofreading

Ana Višnjić,
Diplomirani filolog za srpski jezik i književnost
B.A. in Serbian language and literature

Zamenik urednika Co Editor

Prof. Stevan Ilić, MD, PhD (Niš, Serbia)

Uređivački savet Advisory Editors

Prof. Milan Višnjić, MD, PhD (Niš, Serbia)
Prof. Dušica Pavlović, MD, PhD (Niš, Serbia)
Prof. Ružica Miličević, MD, PhD (Niš, Serbia)
Prof. Miroslav Stojanović, MD, PhD (Niš, Serbia)

Uređivački odbor Editorial Board

Prof. dr Eugene N. Myers (Pittsburgh, USA)
Prof. dr Helmut Roskamm (Bad Krozingen, Austria)
Prof. dr Waldemar Kozuschek (Bochum, Germany)
Prof. dr Raimond Ardaillou (Paris, France)
Prof. dr Milan Dimitrijević (Houston, USA)
Prof. dr Robin Leake (Glasgow, UK)
Academician Aleksej Prijmak (Moscow, Russia)
Academician Mihail Pereljman (Moscow, Russia)
Prof. Miodrag Jevtić, MD, PhD (MMA, Belgrade, Serbia)
Prof. dr Žernakova Nina Ivanovna (Belgorod, Russia)
Academician Petrija Vasileva (Sofia, Bulgaria)
Prof. dr Badr Eldin Mostafa (Cairo, Egypt)
Prof. dr Dan M. Fliss (Tel-Aviv, Israel)
Academician Vladislav Stefanović (Niš, Serbia)
Prof. Aleksandra Stanković, MD, PhD (Niš, Serbia)
Prof. Branislav Todorović, MD, PhD (Niš, Serbia)
Prof. Dragan Veselinović, MD, PhD (Niš, Serbia)
Prof. Gordana Zlatanović, MD, PhD (Niš, Serbia)
Prof. Ivanka Stamenković, MD, PhD (Niš, Serbia)
Prof. Milorad Mitković, MD, PhD (Niš, Serbia)
Prof. Nebojša Đorđević, MD, PhD (Niš, Serbia)
Prof. Ratko Ilić, MD, PhD (Niš, Serbia)
Prof. Stojan Radić, MD, PhD (Niš, Serbia)
Prof. Svetlana Antić, MD, PhD (Niš, Serbia)
Prof. Saša Živić, MD, PhD (Niš, Serbia)
Prof. Zorica Stanojević, MD, PhD (Niš, Serbia)
Prof. Dušica Stojanović, MD, PhD (Niš, Serbia)

Acta Medica Medianae (UDK 61; ISSN 0365-4478 štampana verzija; ISSN 1821-2794 elektronska verzija) je zvanični časopis Medicinskog fakulteta Univerziteta u Nišu i Podružnice Srpskog lekarskog društva u Nišu pod pokroviteljstvom Ministarstva za nauku i tehnološki razvoj Republike Srbije. Časopis izlazi četiri puta godišnje od 1962. godine. Izdavač je Medicinski fakultet Univerziteta u Nišu, Bulevar dr Zorana Đinđića 81, 18000 Niš, Srbija. Sadržaj i celokupan tekst časopisa dostupan je na sajtu Medicinskog fakulteta <http://www.medfak.ni.ac.rs/amm>. Godišnja pretplata: za inostranstvo 60 USA dolara, za ustanove 2500 dinara i za pojedince 1500 dinara. Sredstva uplatiti na žiro račun Medicinskog fakulteta u Nišu br. 840-1681666-03, sa naznakom za *Acta Medica Medianae*. Uputstvo autorima se objavljuje u svakom broju, pri čemu je autor dužan da se pridržava navedenih uputstava prilikom predaje rukopisa. Radovi se mogu slati u elektronskom formatu na adresu: acta@medfak.ni.ac.rs. Naknada za štampanje rada iznosi 1000 dinara za autora, a 500 dinara za koautore, za svaki prihvaćeni rad. *Acta Medica Medianae* zadržava pravo dalje distribucije i štampanja radova.

Kontakt adresa: Časopis *Acta Medica Medianae*, Medicinski fakultet, Bulevar dr Zorana Đinđića 81, 18000 Niš, Srbija.

E-mail: acta@medfak.ni.ac.rs

Generalni sponzor časopisa je Farmaceutska kompanija Sanofi-Aventis d.o.o. Vladimira Popovića 40/IV 11070 Beograd,

tel.: +381-11-2225900, fax.: +381-11-2225924

Tiraž 600 primeraka. Štampanje: Galaksija, Lukovo, Svrlijig, Srbija.

Acta Medica Medianae je trenutno indeksirana na *Index Copernicus-u*, *Srpskom citatnom indeksu*, *DOAJ* i *EBSCO*

Copyright © by University of Nis Faculty of Medicine

Acta Medica Medianae (UDK 61; ISSN 0365-4478 printed version; ISSN 1821-2794 online) is the official Journal of the University of Nis Faculty of Medicine and the Department of the Serbian Medical Society in Niš published with the help of the Ministry of Science and Technological Development of the Republic of Serbia. The Journal is published four times a year since 1962. The publisher is the University of Niš Faculty of Medicine, Institutional address: dr Zoran Đinđić 81, 18000 Niš, Serbia. Table of contents and full texts of articles are available on the Institutional Home Page at <http://www.medfak.ni.ac.rs/amm>. Prices are subject to change. All subscriptions start with the first issue of the current year. For payment details contact the Secreteriat at acta@medfak.ni.ac.rs. Instructions for authors appear in every issue. Manuscripts accepted for publication are not returned to the author(s). *Acta Medica Medianae* retains the right for further distribution and printing of the articles.

Editorial correspondence: Journal *Acta Medica Medianae*, Faculty of Medicine, Dr Zoran Đinđić 81, 18000 Niš, Serbia.

Electronic submission of the papers: acta@medfak.ni.ac.rs

General sponsor of the Journal is the Pharmaceutical Company Sanofi-Aventis d.o.o. Vladimira Popovića 40/IV 11070 Beograd,

Phone: +381-11-2225900, fax.: +381-11-2225924

Printed on acid-free paper; 600 issues. Press: Galaksija, Lukovo, Svrlijig, Serbia

Acta Medica Medianae is currently noted in *Index Copernicus*, *Serbian Citation Index*, *DOAJ* and *EBSCO*

Copyright © by University of Nis Faculty of Medicine

Original articles

CORRELATION OF HER 2 PROTO-ONCOGENE EXPRESSION WITH THE MACROSCOPIC MANIFESTATION AND GROWTH PATTERN OF COLORECTAL CANCER.....5
Jelena Lukić-Flora, Dušica Petrović, Vesna Stanković, Miloš Milosavljević and Vladimir Bulatović

INFLUENCE OF OBESITY ON SPIROMETRIC PARAMETERS IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE..... 11
Miroљjub Đorđević

GYNCOLOGICAL HEALTHCARE SERVICE UTILIZATION IN RESPECT TO HABITS AND LIFESTYLES OF THE FEMALE UNIVERSITY STUDENTS IN SERBIA.....17
Vladica Veličković, Aleksandar Višnjić, Slađana Jović, Miodrag Stojanović, Olivera Radulović and Nataša Đinđić

INFLUENCE OF BETA-BLOCKERS ON INSULIN RESISTANCE IN PATIENTS WITH DIABETES MELLITUS TYPE 2.....23
Ivana Damnjanović, Radmila Veličković-Radovanović, Radivoj Kocić, Snežana Zlatković-Guberinić, Danka Sokolović, Nataša Đinđić and Irena Conić

A COMPARATIVE STUDY OF TRANSVAGINAL SONOHYSTERO-SALPINGOGRAPHY (TV-SH) AND HYSTERO-SALPINGOGRAPHY (HSG) FOR ASSESSMENT OF TUBAL PATENCY IN INFERTILITY PATIENTS.29
Nirmala Jaget Lakkawar, Manash Bora and Thirupurasundari Rangaswamy

INTERACTION OF BIOMATERIALS CONTAINING CALCIUM HYDROXYAPATITE/ POLY-L-LACTIDE WITH THE SIMULATED BODY FLUID.....35
Marija Vukelić, Žarko Mitić, Miroslav Miljković, Jelena Živković, Nenad Ignjatović, Dragan Uskoković, Perica Vasiljević, Marija Petković, Jelena Živanov-Čurlis and Stevo Najman

Case reports

DIAGNOSIS OF GASTROSCHISIS IN THE FIRST TRIMESTER OF PREGNANCY - CASE REPORT.....40
Dragan Lončar, Mirjana Varjačić and Stefan Lončar

MELANOMA OF THE ANAL CANAL WITH MELANOSIS OF THE PERITONEUM-CASE REPORT.....44
Dragoslav Miljković, Vanja Pecić, Milica Nestorović, Dragan Mihajlović, Branko Branković, Milan Radojković, Ljiljana Jeremić, Sunčica Mihajlović and Dejan Petrović

EXPERIENCES IN TREATING LAUGIER'S FRACTURES.....49
Predrag Grubor, Milan Grubor and Ivan Golubović

Review articles

COMPLICATIONS OF ALCOHOLIC LIVER DISEASE AND DIAGNOSTIC MARKERS.....55
Vanja Ničković, Jelenka Nikolić, Gordana Kocić, Milena Ilić and Boris Đinđić

PSYCHOLOGICAL CORRELATES OF POSTPARTUM DEPRESSION.....62
Anida Fazlagić

THE INTERNET-BASED HEALTH INFORMATION AND ADOLESCENTS.....69
Biljana Kocić and Branislav Petrović

RADIOFREQUENCY AND MICROWAVE RADIATION HEALTH EFFECTS AND OCCUPATIONAL EXPOSURE.....74
Nataša Đinđić, Jovica Jovanović, Vladica Veličković, Ivana Damnjanović, Boris Đinđić and Jelena Radović

From history of medicine

INVESTIGATION OF ENDEMIC NEPHROPATHY IN NON-ENDEMIC RURAL SETTLEMENTS NEAR ENDEMIC NEPHROPATHY FOCI.....79
Sveto Suša, Radomir Raičević, Branka Mitić, Jovanka Zagorac and Jelena Cvetanović

Secretariat

GUIDELINES FOR PAPER SUBMISSION TO ACTA MEDICA MEDIANAE.....89



Originalni radovi

- KORELACIJA EKSPRESIJE HER 2 PROTOONKOGENA SA MAKROSKOPSKOM MANIFESTACIJOM I NAČINOM RASTA KOLOREKTALNIH KARCINOMA.....5**
Jelena Lukić-Flora, Dušica Petrović, Vesna Stanković, Miloš Milosavljević i Vladimir Bulatović
- UTICAJ GOJAZNOSTI NA SPIROMETRIJSKE PARAMETRE KOD BOLESNIKA SA HRONIČNOM OPSTRUKTIVNOM BOLEŠĆU PLUĆA.....11**
Miroljub Đorđević
- KORIŠĆENJE USLUGA GINEKOLOŠKE ZDRAVSTVENE ZAŠTITE U ODNOSU NA NAVIKE I STIL ŽIVOTA STUDENATA ŽENSKOG POLA UNIVERZITETA U SRBIJI17**
Vladica Veličković, Aleksandar Višnjić, Slađana Jović, Miodrag Stojanović, Olivera Radulović i Nataša Đinđić
- UTICAJ BETA BLOKATORA NA INSULINSKU REZISTENCIJU KOD BOLESNIKA SA DIJABETES MELITUSOM TIP 2.....23**
Ivana Damnjanović, Radmila Veličković-Radovanović, Radivoj Kocić, Snežana Zlatković-Guberinić, Danka Sokolović, Nataša Đinđić i Irena Conić
- KOMPARATIVNA STUDIJA O TRANSVAGINALNOJ SONOHISTERO-SALPINGOGRAFIJI (TV-SH) I HISTERO-SALPINGOGRAFIJI (HSG) ZA PROCENU PROHODNOSTI JAJOVODA KOD NEPLODNIH PACIJENTKINJA.....29**
Nirmala Jaget Lakkawar, Manash Bora i Thirupurasundari Rangaswamy
- INTERAKCIJA BIOMATERIJALA NA BAZI KALCIJUM HIDROKSIAPATITA/POLI-L-LAKTIDA I SIMULIRANE TELESNE TEČNOSTI35**
Marija Vukelić, Žarko Mitić, Miroslav Miljković, Jelena Živković, Nenad Ignjatović, Dragan Uskoković, Perica Vasiljević, Marija Petković, Jelena Živanov-Čurlis i Stevo Najman

Prikaz bolesnika

- DIJAGNOSTIKA GASTROŠIZE U PRVOM TRIMESTRU TRUDNOĆE - PRIKAZ BOLESNIKA.....40**
Dragan Lončar, Mirjana Varjačić i Stefan Lončar
- MELANOM ANOREKTUMA SA MELANOZOM PERITONEUMA-PRIKAZ BOLESNIKA.....44**
Dragoslav Miljković, Vanja Pecić, Milica Nestorović, Dragan Mihajlović, Branko Branković, Milan Radojković, Ljiljana Jeremić, Sunčica Mihajlović i Dejan Petrović
- ISKUSTVO U LIJEČENJU LAUGIER-OVOG PRELOMA.....49**
Predrag Grubor, Milan Grubor i Ivan Golubović

Pregledni radovi

- KOMPLIKACIJE ALKOHOLNE BOLESTI JETRE I DIJAGNOSTIČKI MARKERI.55**
Vanja Ničković, Jelenka Nikolić, Gordana Kocić, Milena Ilić i Boris Đinđić
- PSIHOLOŠKI KORELATI POSTPARTALNE DEPRESIJE.....62**
Anida Fazlagić
- ZDRAVSTVENE INFORMACIJE POSREDOVANE INTERNETOM I ADOLESCENTI.....69**
Biljana Kocić i Branislav Petrović
- BIOLOŠKI EFEKTI RADIJOFREKVENTNOG I MIKROTALASNOG ZRAČENJA U USLOVIMA PROFESIONALNE IZLOŽENOSTI.74**
Nataša Đinđić, Jovica Jovanović, Vladica Veličković, Ivana Damnjanović, Boris Đinđić i Jelena Radović

Iz istorije medicine

- ISTRAŽIVANJE ENDEMSKE NEFROPATIJU U NEENDEMSKIM SEOSKIM NASELJIMA U NEPOSREDNOJ BLIZINI ŽARIŠTA ENDEMSKE NEFROPATIJU.....79**
Sveto Suša, Radomir Raičević, Branka Mitić, Jovanka Zagorac i Jelena Cvetanović

Uredništvo

- JEDINSTVENI KRITERIJUMI ZA OBJAVLJIVANJE NAUČNIH RADOVA U BIOMEDICINSKIM ČASOPISIMA.....87**

