GOCE DELCEV UNIVERSITY, STIP FACULTY OF MEDICAL SCIENCES

First International Students' Symposium of Faculty of Medical Sciences

CELEBRATING ACHIEVEMENTS IN MEDICINE, PROMOTING HEALTH AND SHARING KNOWLEDGE

STIP, 20 APRIL 2016

MULTIMEDIA CENTRE – GOCE DELCEV UNIVERSITY, STIP

	Welcome note Prof. Blazo Boev Rector of the University		
09:00 - 09:10			
	The road to science - for students		
09:10 - 09:40		Prof. Rubin Gulaboski	
03.10		Dean of the Faculty of Medical Sciences	
	First session		
Time	Title	Presenter	
09:40 - 10:10	Studying the cost of treating diabetes in Bulgaria	Prof. Doneva Miglena	
10:10 – 10:20	Features and benefits of ²²³ Ra radiopharmaceuticals for treatment of cancer	Andonela Janeva Student	
10:20 – 10:30	Immunomodulatory effects of probiotics and their role in allergy	Spase Stojanov Student	
10:30 – 10:40	Future therapies for neurodegenerative diseases using molecular tool for editing genes – CRISPR CAS 9	Ana Nikolova Student	
10:40 – 10:50	Importance of quantum mechanical tunneling phenomena in life sciences	Petar Davcev Student	
	10:50 – 11:30 Coffee breal	k	
	Second session		
11:30 – 12:00	Regeneration of salivary glands – from in vitro to in vivo models	Prof. Mihnea I. Nicolescu	
12:00 – 12:10	Oral health status among dental medicine students in the two final years of studying	Natasa Arsova Student	
12:10 – 12:20	Effect of the mitotic inactivation on the properties and biologic activity of mesenchymal human stem cells	Aleksandra Jakovleva Student	

12:20 – 12:30	Estimation of proangiogenic properties of artificial microvesicles from SHSY5Y cells	Kristina Jakovleva Student
12:30 – 12:40	Master plan for treatment – Challenge for the future of dentistry	Stefan Kitanovski Student
	12:40 – 14:30 Lunch time	
	Third session	
14:30 – 15:00	Community-acquired pneumonia	Dr. Rich Wunderink
15:00 – 15:30	Posterior tibial tendonitis and Hip fractures	Dr. David Burandt
15:30 – 15:40	Angiographic and procedural predictors of periprocedural complications	Strahil Todorov Student
15:40 – 15:50	Nonspecific low back pain treated with Kinesiotaping	Kristijan Nikolov Student
15:50 – 16:00	Abstinent syndrome and deviant behaviors investigated in opiate dependent individuals	Martin Angjelov Student
16:00 – 16:10	Acute coronary syndrome	Matej Otjanski Student
	16:10 – 16:20 Closing ceremo	ony
	16:20 Awarding of certificate	es

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The organizers would like to acknowledge the su th	e Goce Delcev University, Stip.
Gratitude is expressed to Polimedica and Pharm	
	financial support.

INTERNATIONAL STUDENTS' SYMPOSIUM OF FACULTY OF MEDICAL SCIENCES "Celebrating achievements in medicine, promoting health and sharing knowledge"

APRIL 20, 2016 - STIP ORAL PRESENTATIONS

 The road to science – for students

Rubin Gulaboski

 Studying the cost of treating diabetes in Bulgaria
 Miglena Doneva

 Features and benefits of ²²³Ra radiopharmaceuticals for treatment of cancer
 Andonela Janeva

 Immunomodulatory effects of probiotics and their role in allergy

Spase Stojanov

- Future therapies for neurodegenerative diseases using molecular tool for editing genes – CRISPR CAS 9 Ana Nikolova
- Importance of quantum mechanical tunneling phenomena in life sciences Petar Davcev
- 7. Regeneration of salivary glands– from in vitro to in vivo modelsMihnea I. Nicolescu
- 8. Oral health status among dental medicine students in the two final years of studying

 Natasa Arsova
- 9. Effect of the mitotic inactivation on the properties and biologic

activity of mesenchymal human stem cells

Aleksandra Jakovleva

10. Estimation of proangiogenic properties of artificial microvesicles from SHSY5Y cells

Kristina Jakovleva

11. Master plan for treatment – Challenge for the future of dentistry

Stefan Kitanovski

- 12. Community-acquired pneumonia
 Rich Wunderink
- 13. Posterior tibial tendonitis and Hip fractures

David Burandt

14. Angiographic and procedural predictors of periprocedural complications

Strahil Todorov

15. Nonspecific low back pain treated with Kinesiotapeing Kristijan Nikolov

16. Abstinent syndrome and deviant behaviors investigated in opiate dependent individuals
Martin Angelov

17. Acute coronary syndrome Matej Otjanski

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APRIL 20, 2016 - STIP

POSTER PRESENTATIONS

1. "Incidence of large intestinal carcinoma in patients from Clinical Hospital - Stip for a period of 2010-2015"

Author: Nikola Stoiljkovikj; Co-authors: Gjorgi Shumanov and Slobodan

Rogac

2. "Oral cavity changes after radiotherapy"

Author: Nikolina Kochovska; Coauthor: Darko Kochovski

3. "Doppler ultrasound: noninvasive way of imaging the blood flow"

Author: Aleksandra Ristova – Stojanova; Co-author: Oliver Ristov

4. "Comparison of dissolution test for metronidazole tablets in International and American Pharmacopoeia"

Author: Violeta Koneva; Co-authors: Biljana Gjorgjeska and Sofija Petkovska

5. "Gestational diabetes, experience of the Clinic for Gynecology in Skopje in the period 2013-2015"

Author: Vesna Mladenovska; Coauthors: Biljana Gjorgjeska and Sofija Petkovska

6. "Acupuncture treatment for lumbar disc herniation"

Author: Martin Karovski; Co-authors: Jihe Zhu and Blagica Arsovska

7. "Acupuncture points in treatment of adolescent depression"

Author: Angela Angelovska; Coauthors: Jihe Zhu and Blagica Arsovska

8. "High performance polymers in dental laboratory"

Author: Daniela Mickovska; Coauthors: Ivona Kovacevska, Natasha Denkova and Pavle Apostoloski

9. "Passive suicidal ideation as a risk factor for suicide among cancer patients"

Author: Dijana Miloseva; Co-authors: Lence Miloseva and Dajana Bopkovska

10. "Approximal margin adaptation on class II – posterior interproximal cavity restored with open and closed sandwich technique"

Author: Jane Nacevski; Co-authors: Hristijan Dimoski, Stefan Kitanovski, Ivona Kovacevska, Natasha Denkova and Kiril Mitevski

11. "Anesthetic buffering: new advances for use in dentistry"

Author: Ivana Bojchovska; Co-authors: Darko Kochovski, Sandra Atanasova and Mihajlo Petrovski

12. "Development of an electrochemical method for estimation of the antioxidative capacity of syringic and ferulic acid with ABTS as a redox mediator"

Author: Mihail Aleksandrov: Co-

authors: Viktorija Maksimova and Rubin Gulaboski

13. "Varicella in the region of Prilep"

Author: Meri Stevanoska; Co-authors: Vera Dzateva, Eva Markovska and Velo Markovski

14. "Treatment of insomnia syndrome with Chinese medicine and reflex therapy"

Author: Todorche Monev; Co-author: Jihe Zhu

15. "Mandibular supraprosthesing retained by dental implants - case report"

Author: Ljupka Lazarova; Co-author: Evgenija Trajkoska

16. "Analgesia during intraoperative and postoperative period"

Author: Marinela Popova; Co-authors: Aleksandra Toneva and Jovanka Stojmenova

17. "Representation of different techniques for determination of the working length in endodontic treatment"

Author: Natasha Denkova; Co-authors: Katerina Zlatanovska, Simon Nadzenski, Dragan Spasov and Mihajlo Petrovski

18. "Types of toothbrushes"

Authors: Marija Dejkoska and Andrej Petrushevski; Co-authors: Sanja Naskova, Cena Dimova, Verica Toneva and Darko Kochovski

19. "Contemporary classification of supernumerary teeth"

Author: Igor Cvetanoski; Co-authors: Marko Petrovski, Sanja Naskova and Cena Dimova

20. "Artificial sweeteners and oral health"

Author: Ognen Cvetanoski; Coauthors: Stefan Ilievski, Sanja Naskova and Cena Dimova

21. "Using of additional supplements for oral hygiene"

Author: Ivana Ristova; Co-authors: Mihajlo Petrovski, Ivana Bojchovska and Darko Kochovski

22. "Anemia as a reason for hospitalization in the region of Kumanovo"

Authors: Stefan Ilievski and Robert Nikolovski; Co-authors: Kristina Denchovska, Eva Markovska, Tomica Anchevski and Velo Markovski

23. "Prevalence of Down syndrome in the city of Bitola"

Author: Menche Petrovska; Co-author: Nevenka Velichkova

24. "Applying ROOTT implant system directly after extraction of teeth"

Author: Sarita Kadrova; Co-authors: Milan Dumitrashkovic, Sanja Naskova and Cena Dimova

25. "Epidemiological characteristics of influenza virus in municipality of Kumanovo"

Authors: Robert Nikolovski and Kristina Denchovska; Co-authors: Eva Markovska and Velo Markovski

26. "Gua Sha in back pain and neck pain"

Author: Ivana Filipovska; Co-authors: Blagica Arsovska and Jihe Zhu



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Nonspecific low back pain treated with Kinesiotaping

Kristijan Nikolov, Tose Krstevski

Faculty of Medical Sciences, Goce Delcev University, Stip

Low back pain (LBP), is one of the most common causes and it's still a leading factor for absence from work.

On international level around 80% of the population has already experienced pain in the low back, furthermore millions of people around the world unfortunately suffer from LBP for more then 12 weeks (6 months a year) which is due to non-specific chronic processes with still unknown underlying pathoanatomic changes.

Although there is no widely adopted treatment protocol, the preferred approach is conservative including: electrotherapy, laser therapy, ultrasound, medications, rest, exercise, manual mobilizations and/or manipulations, acupuncture.

In this study we concentrated our efforts on assessing the effects of the Kinesio taping method. The Kinesio Tape (invented by Dr. & Chiropractor Kenzo Kase 1979) consisting of fine cotton fiber and low % of acryl on the under surface, achieves good adhesion to the cutaneous and under-cutaneous tissues which are its main target. In correlation with isokinetic exercises preformed three time a week, final outcomes have shown a significant decreasing of the pain.

According to this specific process we can infer that there is a significant decrease in pathological processes putting the emphasis on the Neuromuscular & Skeletal disorders and the lymph flow. But there still a need of further research in future so the final physiological process of this treatment could be well explained.