

**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**

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**INTERNATIONAL STUDENTS' SYMPOSIUM OF FACULTY OF MEDICAL SCIENCES**

**"Celebrating achievements in medicine, promoting health and sharing knowledge"**

**APRIL 20, 2018 - STIP**

**ORAL PRESENTATIONS**

1. **Studying the cost of treating diabetes in Bulgaria**  
Miglena Doneva
2. **Features and benefits of <sup>223</sup>Ra radiopharmaceuticals for treatment of cancer**  
Andonela Janeva
3. **Immunomodulatory effect of probiotics and their role in allergy**  
Spase Stojanov
4. **Future therapies for neurodegenerative diseases using molecular tool for editing genes – CRISPR CAS 9**  
Ana Nikolova
5. **Importance of quantum mechanical tunneling phenomena in life sciences**  
Petar Davoev
6. **Regeneration of salivary glands – from in vitro to in vivo models**  
Mihaela I. Nicolescu
7. **Oral health status among dental medicine students in the two final years of studying**  
Natasa Arsova
8. **Effect of the mitotic inactivation on the properties and biologic activity of mesenchymal human stem cells**  
Aleksandra Jakovleva
9. **Estimation of proangiogenic properties of artificial microvesicles from SHSY5Y cells**  
Kristina Jakovleva
10. **Master plan for treatment – Challenge for the future of dentistry**  
Stefan Kitanovski
11. **Community-acquired pneumonia**  
Rich Wundernik
12. **Posterior tibial tendonitis and Hip fractures**  
David Burandt
13. **Angiographic and procedural predictors of periprocedural complications**  
Strahil Todorov
14. **Chronic nonspecific low back pain treated with kinesiotaping**  
Kristijan Nikolov
15. **Abstinent syndrome and deviant behaviors investigated in opiate dependent individuals**  
Martin Angelov
16. **Acute coronary syndrome**  
Matej Otjanski

## **Oral health status among dental medicine students in the two final years of studying**

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Studying Dental medicine is in a close relationship with oral hygiene and DMF index. DMF (*Decayed, Missing, Filled*) index is used to describe the prevalence of dental caries in an individual level. On the other hand, the higher levels of education of the meaning of the oral hygiene, the more the acquired knowledge is applied.

The aim of this study was to evaluate the oral health status among Dental medicine student in the two final years of studying.

To prove this, all 74 students from fourth and fifth year of Dental medicine were included in this study. In the first phase each of the students have received and filled a questionnaire for their own oral hygiene. All subjects were clinically examined in the second phase and DMF index data were noted. Obtained values were statistically evolved.

According to clinical examination and as well the data from questionnaire survey, DMF index is on satisfactory level in correlation with oral hygiene. The expected results are due to the level of education of the examinees, who are at the final years of their studies.

Oral hygiene is very important factor that affects DMF index, also with dental plaque and food are the main etiological factors for caries appearance. According with the chosen profession as a future dentists and their higher level of education, Dental medicine students are intensively paying attention for their oral health and of course all of that have an impact on DMF index.

**Keywords:** dental caries, DMF index, oral health, oral hygiene, students.