

Joint Event on



International Conference on

**DENTISTRY AND ORAL HEALTH**

&

**WORLD DERMATOLOGY AND  
COSMETOLOGY CONGRESS**

September 03-04, 2018 | Bangkok, Thailand

**DAY 1**

**Keynote Forum**

Dental Congress 2018 & World Dermatology 2018



**Ulla Kotiranta**

University of Eastern Finland, Finland

**Biography**

Ulla Kotiranta is a long line Dental Clinician in primary care, treating orofacial pain patients from the last 15 years. She worked as a Clinical Lecturer in the University of Eastern Finland and in the University Hospital Kuopio at the Department of Maxillofacial Diseases from the last six years. She is specialist in Prosthodontics and Stomatognathic Physiology and special competence in pain management dealing with several study settings, scientific interest in orofacial pain.

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**FACIAL PAIN – HOW TO RECOGNIZE, HOW TO TREAT**

Temporomandibular disorders (TMD) are common orofacial pain conditions and their diagnoses and management are clinically challenging. TMD patients are treated mainly in primary care. As an attempt to tackle the challenge in serving facial pain patients, the first primary care based facial pain unit was founded in 2003 as part of public dental primary care of Vantaa, Finland. We found that graded chronic pain scale disability scoring can be used as a simple screening instrument in primary health care to identify patients with different, clinically relevant psychosocial profiles. Awareness of these differences may be of help in the planning of individualized treatments. Given that most patients seeking care for facial pain are functional TMD pain patients, the differences in costs between therapies, e.g. conservative TMD treatment using occlusal splint vs. self-care, are important in cost-economical perspective. Regarding dysfunctional TMD patients, neuropathic and other pain patients, developing multidisciplinary collaboration with health care professionals may increase the effectiveness of health care system, decrease the risk for pain chronicity, and save costs. Pain management unit in primary health care could be a useful model to serve facial pain patients. Ongoing, studies of simple treatment methods such as biostimulative laser have shown promising results in facial pain management.



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N Vasudev Ballal, Arch Gen Intern Med 2018, Volume 2 | DOI: 10.4066/2591-7951-C2-004



## N Vasudev Ballal

Manipal College of Dental Sciences, India

## ENDODONTIC IRRIGANT- AN UPDATE

The success of endodontic treatment depends on the eradication of microbes from the root canal system and prevention of re-infection. Mechanical instrumentation and irrigation are considered the most important factors in the eradication of microbes from root canal system. Irrigation is also the only way to impact those areas of the root canal system not touched by mechanical instrumentation. During root canal therapy, endodontic irrigant helps to remove the debris, dissolve organic tissues, kill microbes, and remove the smear layer. There is numerous root canal irrigant which are used in day to day endodontic practice. This lecture updates the commonly used root canal irrigant in endodontic therapy.

### Biography

N Vasudev Ballal is graduated with a bachelor's degree of Dentistry from the SDM College of Dental Sciences, Dharwad, Karnataka, India and master's degree in the specialty of Conservative Dentistry and Endodontics from Manipal College of Dental Sciences, Manipal University, India. He then acquired PhD degree, in Endodontics from Manipal College of Dental Sciences, Manipal University, Manipal, India. Currently, he upholds the position of Professor in the specialty of Conservative Dentistry and Endodontics. He has created new vistas by collaboration with several renowned international universities. His expertise in the field has authorized him to hold, the post of an Editorial Board Member of 18 international journals and reviewer of 62 international journals. He is the only Indian who received the best reviewer award out of top 10 percentile in the world by American Association of Endodontists and Elsevier publishers in 2014 and 2016. He has 130 international publications to his credit. He was the *first* to explore the use of maleic acid as a *de novo* root canal irrigant in the endodontic specialty. He has authored a chapter on smear layer in text book "Essentials of Endodontics".

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Sandile Cyril Nxumalo, Arch Gen Intern Med 2018, Volume 2 | DOI: 10.4066/2591-7951-C2-004



## Sandile Cyril Nxumalo

South African Dental Therapy Association  
(SADTA), South Africa

### Biography

Sandile Cyril Nxumalo has begun his illustrious dental career in Klerksdorp, North-West province, having qualified at the University of KwaZulu-Natal, SA in 2000. He opened his chain of private practices, Dent O Morphosis Inc. in Durban, 2000. From 2009 till 2012 he, pursued lecturing at the Durban University of Technology (DUT), prior to taking on the role of coordinating the dental assisting programme. He is also serving as the Deputy-Chairperson for the same Dental Assisting Advisory Board. He has held many leadership positions during his professional career, most notably with the South African Dental Therapy Association (SADTA), where he has served as both the Chairperson and Deputy Chair, as well as the Head of Education and Development sector. He is currently the Treasurer-General for same.

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## RE-INTRODUCING DENTAL THERAPY: A SWIFT SHIFT TOWARDS AFFORDABLE, PREVENTATIVE AND CURATIVE DENTISTRY

The aim of this lecture is to highlight the importance of dental therapy in the dental team in preventative/curative approach especially in developing countries. Research has found that primary dentistry is becoming more and more relevant, more so in developing countries where cosmetic dentistry at a later stage might be deemed unaffordable to a few. This especially true since more health insurance funders are becoming more conservative in their funding too. Dental therapy was introduced initially in New Zealand in the 1920's. The aim of this rather fundamental mid-level profession was to pro-actively tackle oral health issues from primary care perspective, thus preventing millions of people from losing their teeth - translating to expensive cosmetic dental care. This approach has proved to be more successful with lesser cases progressing to the tertiary stages of treatment including dentures, root canal therapy, crown and bridge work, etc. It has also given much time for dentists to focus on what they are good at...specialised dentistry. Since its inception, the lecture will investigate the scope of practice, curriculum templates, success/failures and the future of dental therapy, not only in Africa but across the globe.



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