

One Region One Vision

Advancing dentistry together



30th BaSS Congress
Thessaloniki 7–9 May 2026
Met Hotel

Balkan
Stomatological
Society

BOOK OF ABSTRACTS

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Under the aegis of the
Hellenic Dental Association

Hellenic Republic
Ministry of the Interior
(Macedonia and Thrace Division)



Message from the President of the Balkan Stomatological Society (BaSS)

Dear colleagues,

It is great news for the members of Balkan Stomatological Society that we reached our 30th anniversary, so let's celebrate on 7-10 May, in the Thessaloniki meeting.

It is a great honour to address this distinguished gathering under the auspices of the Balkan Stomatological Society. The Balkans, a region where history, culture, and diversity intertwine, has always been a bridge connecting nations, ideas, and people. Dentistry, as both a science and a healing art, offers us yet another bridge one built not of politics or borders, but of knowledge, compassion, and collaboration.

In recent years, the exchange of expertise and research among Balkan universities has enriched our understanding of digital dentistry, biomaterials, and preventive care. These collaborations remind us that innovation grows not in isolation, but through shared experience and collective wisdom.

The challenges we face ranging from education disparities to public oral health are not unique to one nation; they are shared responsibilities that call for shared solutions.

Dear colleagues, dentistry unites us through the universal language of care. Let us honour that unity by building a future where the Balkan dental community continues to inspire, innovate, and support one another. Together, we can ensure that our shared legacy will be one of science, friendship, and humanity.

Please join us in the celebration photograph for the 30th anniversary of BASS; we are waiting for you.

Prof. Dr. Ender Kazazoglu
President of BASS

Message from the President of the 30th BaSS Congress

Dear Colleagues,

It is an honor and a great pleasure to invite you to the 30th anniversary Congress of the Balkan Stomatological Society (BaSS), which will take place on May 7–9, 2026, at the Met Hotel in Thessaloniki.

Under the inspiring motto “One Region—One Vision: Advancing Dentistry Together,” our Congress aspires to unite colleagues from across the Balkans and beyond, foster collaboration, share scientific knowledge, and shape the future of Dentistry in our region.

Dentistry today is experiencing rapid evolution through innovative technologies, advanced materials, and new treatment approaches. Yet, at its core, it remains a science centered on humans, closely linked with overall health and quality of life. The BaSS Congress provides a unique opportunity to reflect on our achievements, exchange experiences, and envision together the next steps in our professional journey.

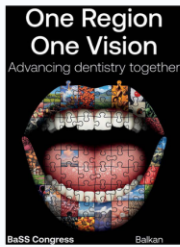
The aims of this meeting are multiple: educational for our young colleagues, scientific for researchers and clinicians, and social for all, strengthening bonds of friendship and cultural connection across our region.

We are committed to delivering a high-level Scientific Congress that will expand our horizons and reinforce the unity and cooperation that always defined the Balkan Stomatological Society.

We look forward to welcoming you all to the historic and friendly city of Thessaloniki and advancing Dentistry together!

Warm regards,

Professor Athanasios K. Pouloupoulos
President of the 30th BaSS Congress

**30th BaSS CONGRESS**

THESSALONIKI | 7-9 MAY 2026

SCIENTIFIC PROGRAMME**AT A GLANCE**

ORAL & POSTER PRESENTATIONS

THURSDAY 7 MAY 2026

MAISTROS	SIROCCO	ZEPHYROS	OSTRIA
09:00-10:30 OP 001-014	09:00-10:30 OP 015-025	09:00-10:30 OP 026-040	09:00-10:30 PP 001-029
	14:00-16:00 OP 060-078	11:00-13:00 OP 041-059	11:00-13:00 PP 031-061
	16:30-18:00 OP 098-110	14:00-16:00 OP 079-096	14:00-16:00 PP 063-111
		16:30-18:00 OP 111-123	16:30-18:00 PP 111-125

FRIDAY 8 MAY 2026

MAISTROS	SIROCCO	ZEPHYROS	OSTRIA
NO OP / PP SESSIONS	NO OP / PP SESSIONS	09:00-11:00 OP 124-146	09:00-11:00 PP 125-180
		16:30-18:00 OP 148-176	14:30-16:00 PP 181-209
			16:30-18:00 PP 210-278

SATURDAY 9 MAY 2026

MAISTROS	SIROCCO	ZEPHYROS	OSTRIA
NO OP / PP SESSIONS	NO OP / PP SESSIONS	09:00-11:00 OP 176-194	09:00-11:00 PP 279-303
		11:30-13:30 OP 195-212	
		14:30-16:00 OP 213-227	
		16:30-18:00 OP 229-258	

OP = Oral Presentations | PP = Poster Presentations

Session ranges reproduced from the official Scientific Programme.

NUMBER	TITLE
OP.091	USE OF MINERAL TRIOXIDE AGGREGATE (MTA) IN THE MANAGEMENT OF TRAUMATIZED IMMATURE PERMANENT TEETH: TWO CASE REPORTS
OP.092	EFFECTS OF DIFFERENT CANAL TAPERS AND DIFFERENT IRRIGATION METHODS ON APICAL IRRIGANT EXTRUSION: AN IN VITRO STUDY
OP.093	EVALUATION OF DIFFERENT ARTIFICIAL INTELLIGENCE PLATFORMS PERFORMANCES ON RESPONDING TO COMMON PATIENT ENDODONTICS QUESTIONS
OP.094	EVALUATION OF ARTIFICIAL INTELLIGENCE CHATBOTS' QUALITY IN ANSWERING QUESTIONS ABOUT DENTAL AVULSION
OP.095	ANALYSIS OF YOUTUBE AS AN EDUCATION RESOURCE FOR PULP VITALITY TESTING: A CONTENT AND QUALITY EVALUATION
OP.096	FREQUENCY AND CAUSES OF COMPLICATIONS ENCOUNTERED BY DENTAL STUDENTS DURING ENDODONTIC TREATMENT: A SURVEY STUDY
OP.098	THE INJECTABLE COMPOSITE TECHNIQUE WITHIN PATIENT WITH DENTAL EROSION - CASE REPORT
OP.099	EVALUATION OF SURFACE MICROHARDNESS OF RESIN CEMENTS POLYMERIZED BENEATH CERAMIC HYBRID AND NANO HYBRID COMPOSITES WITH VARYING THICKNESSES
OP.100	THE FACTORS AFFECTING THE SUCCESS OF DIRECT COMPOSITE RESTORATIONS: PRELIMINARY RESULTS OF A CROSS-SECTIONAL CLINICAL STUDY
OP.101	SURFACE ROUGHNESS AND SHORT-TERM COFFEE STAINING AFTER DIFFERENT POLISHING PROTOCOLS IN A NANOHYBRID COMPOSITE
OP.102	EFFECT OF ER,Cr:YSGG LASER AND ACIDULATED PHOSPHATE FLUORIDE GEL ON ENAMEL MICROHARDNESS AND ROUGHNESS AFTER ACID CHALLENGE
OP.103	EFFECT OF COLD-CONSUMED COFFEE SOLUTIONS ON COLOR STABILITY OF RESIN COMPOSITES
OP.104	ENDOCROWN AS A RESTORATIVE SOLUTION FOR ENDODONTICALLY TREATED TEETH - ADVANTAGES AND LIMITATIONS
OP.105	LONG TERM SURFACE ROUGHNESS AND TOPOGRAPHICAL EFFECTS OF SIMULATED BULIMIC AGING ON MILLED AND 3D PRINTED HYBRID CERAMICS
OP.106	FRACTURE RESISTANCE OF ARTIFICIALLY CRACKED MANDIBULAR MOLARS RESTORED WITH FIBER-REINFORCED COMPOSITE AND CAD-CAM FABRICATED RESTORATIONS
OP.107	ADDITIVELY MANUFACTURED RESIN-BASED ENDOCROWNS FOR REHABILITATION OF ENDODONTICALLY TREATED POSTERIOR TEETH: A CASE SERIES
OP.108	COLOR STABILITY OF THREE DIFFERENTLY MANUFACTURED DENTAL COMPOSITES: INFLUENCE OF HYDROTHERMAL AGING AND STAINING
OP.109	EFFECT OF STAINING SOLUTIONS AND REPOLISHING ON COLOR STABILITY OF DIRECT COMPOSITES
OP.110	PREPARATION FOR CERAMIC VENEERS IN ANTERIOR REGION
OP.111	NON-SURGICAL ENDODONTIC TREATMENT OF A MANDIBULAR MOLAR WITH A LARGE PERIAPICAL LESION: CASE REPORT
OP.112	METHODOLOGICAL AND STUDY DESIGN DISTRIBUTION OF ARTICLES PUBLISHED IN A LEADING ENDODONTIC JOURNAL BETWEEN 2020 AND 2025
OP.113	PERFORMANCE EVALUATION OF LATEST LARGE LANGUAGE MODELS ON ENDODONTIC SPECIALTY QUESTIONS: IMPACT OF SOURCE ACCESSIBILITY
OP.114	EVALUATION OF DIFFERENT ARTIFICIAL INTELLIGENCE APPLICATION ON RESPONDING TO PATIENT QUESTIONS REGARDING REGENERATIVE ENDODONTICS
OP.115	A COMPARISON OF CHATGPT-5 AND HUMAN EXPERT REVIEWER EVALUATIONS OF TRANSCRIPTS OF YOUTUBE VIDEOS ON THE TOPIC 'ROOT CANAL TREATMENT OR DENTAL IMPLANT?'
OP.116	EFFECT OF CHITOSAN APPLICATION ON COMPOSITE RESIN-DENTIN BOND STRENGTH AFTER INTERNAL BLEACHING
OP.117	THE MANAGEMENT OF A MANDIBULAR MOLAR WITH A STRIP PERFORATION USING HEMISECTION: A CASE REPORT
OP.118	ROOT-END SURGERY OF MAXILLARY INCISORS WITH A LARGE PERIAPICAL LESION AND INTRA-CORONAL BLEACHING OF MTA-RELATED DISCOLORATION: A CASE REPORT
OP.119	NON-SURGICAL RETREATMENT OF AN EXTRAORAL SINUS TRACT OF ENDODONTIC ORIGIN: A CASE REPORT
OP.120	NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN ENDODONTIC PRACTICE: AN EVIDENCE-BASED REVIEW
OP.121	CLINICAL MANAGEMENT OF MOLARIZED PREMOLARS WITH THREE CANALS

CLINICAL MANAGEMENT OF MOLARIZED PREMOLARS WITH THREE CANALS

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Introduction: Molarized premolars with three root canals represent a rare anatomical variation that can complicate endodontic treatment. Failure to recognize additional canals is a common cause of treatment failure.

Objective: The aim of this paper is to describe the clinical management and key considerations in the endodontic treatment of molarized premolars with three canals.

Materials and Methods: This study is based on established clinical guidelines and is complemented by the presentation of selected clinical cases. Diagnostic procedures included comprehensive clinical examination and periapical radiographic assessment. The use of magnification devices, particularly an operating microscope, was emphasized to enhance diagnostic accuracy and treatment precision. Standardized endodontic protocols were followed, including access cavity preparation and mechanical instrumentation using nickel–titanium rotary files. Chemical irrigation was performed with sodium hypochlorite and ethylenediaminetetraacetic acid to ensure effective canal disinfection. Obturation was carried out using a bioceramic sealer in combination with gutta-percha cones to achieve a hermetic seal of the root canal system.

Results: Accurate diagnosis combined with proper access cavity design improves the detection of all canals. The use of modern instruments and irrigation protocols enables effective cleaning and shaping of complex canal systems, leading to successful obturation and improved treatment outcomes.

Conclusions: Successful management of molarized premolars with three canals requires thorough knowledge of root canal anatomy, careful diagnosis, and the use of advanced endodontic techniques and technologies.