



NORTHEASTERN SOCIETY OF PERIODONTISTS BULLETIN

VOLUME 41, No. 2

FALL 2012

FALL MEETING • November 2, 2012

Innovations in Periodontal and Implant Therapies

New York Marriott Marquis Hotel • 1535 Broadway, New York, NY

In this 53rd year of the NESP, the theme of our fall program will be “Innovations in Periodontal and Implant Therapies.” Topics for the program will include, growth factors and their impact on regenerative therapy, the Periodontal-Plastic procedure to address complex soft tissue esthetics, the interplay of periodontics and orthodontics and their respective implications, and technological advancements with their impact on the surgical placement of implants. Your program chair, Dr. Giorgio Di Vincenzo, together with your NESP president, Dr. Jay Fishbein and the C.E. Committee, have assembled world-renowned clinicians and researchers with years of experience in their respective fields to present these stimulating and thought-provoking topics.

The day will start with registration and exhibits from 8:00-9:00 a.m. At 9:00 a.m., the first speaker, Dr. Bobby Butler, will present “Managing Complex Soft Tissue Deficiencies” followed by a coffee break from 10:15-10:45 a.m. Please remember to visit the exhibitors at this time.

(CONTINUED ON PAGE 2)

8:00-8:30 a.m.	NESP Board of Governors' Meeting
8:00-9:00 a.m.	Registration, Exhibits
9:00 a.m.	Lectures Begin
9:00-10:15 a.m.	Dr. Bobby Butler <i>Managing Complex Soft Tissue Deficiencies</i>
10:15-10:45 a.m.	Visit with our exhibitors
10:45 a.m.-noon	Dr. Giulio Rasperini <i>Orthodontic Effects on the Periodontium</i>
Noon-1:30 p.m.	Lunch Installation of Officers
1:30-2:45 p.m.	Dr. Alan Rosenfeld Dr. George A. Mandelaris <i>Limitations and Potential for Technological Surgical Placement of Implants</i>
2:45-4:00 p.m.	Dr. David Cochran <i>Regenerative Potential of Growth Factors</i>



Bobby Butler



Giulio Rasperini



Alan Rosenfeld



George Mandelaris



David Cochran

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Following the break, Dr. Giulio Rasperini will present "Orthodontic Effects on the Periodontium." Lunch will be served from 12:00-1:30 p.m., where the installation of officers will occur. Following lunch, at 1:30 p.m., Drs. Alan Rosenfeld and George A. Mandelaris will team up to present "Limitations and Potential for Technological Surgical Placement of Implants." To conclude the meeting, at 2:45 p.m., Dr. David Cochran will present "The Regenerative Potential of Growth Factors."

BOBBY BUTLER, D.D.S., will present *Managing Complex Soft Tissue Deficiencies*. This lecture will feature how to manage complex soft tissue esthetic dilemmas. Various cases involving teeth, implants, and pontics sites will be presented. The course will discuss techniques and the rationales for choosing them. Challenging root coverage procedures with difficult anatomical situations will be presented, and implant cases with soft tissue deficiencies and how to manage them will be reviewed in detail. Techniques such as Tunnel / Pouch Connective Tissue Grafts, Vestibular Tunnel CT Designs, Palatal Pedicle Connective Tissue Grafts, Onlay and Interpositional Connective Tissue Grafts will be presented. The advantages and differences in using autogenous connective tissue versus allografts and other substitutes will be discussed.

LEARNING OBJECTIVES:

Upon completion of this presentation, participants should be able to:

- **identify types of soft tissue deficiencies that can be successfully treated and ones that may yield a compromised result;**
- **review the many variations in connective tissue graft techniques and their applications;**
- **review different tooth-implant soft tissue defects and learn to choose the technique that best suits a particular anatomical area;**
- **discuss various donor tissues as well as autogenous grafting and compare outcomes.**

Dr. Butler has practiced periodontics and implantology in downtown Seattle for the past 20 years. He serves as an affiliate clinical faculty member at the University of Washington. His practice reflects his emphasis on cosmetic microsurgery techniques, regenerative periodontal therapy, and implant aesthetics.

Dr. Butler obtained his Doctor of Dental Surgery from the University of Oklahoma and completed his post-graduate residency in periodontology from the University of Florida. He became a Diplomate of the American Board of Periodontology in 1995. He has

lectured to the Academy of Osseointegration, American Dental Association, American Academy of Periodontology, International Association of Dental Research, Western Society of Periodontology and numerous other dental societies. Presentation topics have varied from implant aesthetics, periodontal aesthetics, and non-surgical periodontal therapy to digital imaging in clinical practice. He has also published extensively in numerous highly-regarded peer-reviewed journals.

GIULIO RASPERINI, D.D.S., will present *Orthodontic Effects on the Periodontium*. Patients with periodontal disease can present pathological teeth migration due to occlusal trauma and reduction of the bone support, often with intrabony defects. Unfortunately, this can be associated with esthetic damage of the smile line. It is often necessary to combine periodontal-orthodontic treatments in order to solve both issues.

Animal studies have analyzed angular bony defects treated with conventional open flap debridement (OFD) and orthodontic therapy versus periodontal regenerative procedures and orthodontic therapy. No histologic evidence of regeneration in association with OFD has so far been published in humans while several studies have shown the benefits of regenerative surgery through guided tissue regeneration or the use of growth factors on the histologic healing. Besides, all recent reviews demonstrate that regenerative procedure is more favorable than open flap debridement in terms of PD reduction and CAL gain, and guarantees the slightest gingival loss after surgery.

The clinical perspective of orthodontic movement in patients with severe intrabony defects has not been analyzed with randomized controlled clinical trials. Thus, limited data with different results are present today. The aim of this presentation is to show various clinical cases discussing the advantages of a combined orthodontic-periodontic treatment, while understanding the effects of orthodontic forces on the periodontium.

LEARNING OBJECTIVES:

Upon completion of this presentation, participants should be able to:

- **discuss published research relating to the topic;**
- **appreciate the rationale for sequence of treatment (i.e. ortho-perio, perio-ortho);**
- **discuss the role of non-surgical therapy;**
- **discuss periodontal regeneration in periodontally compromised teeth;**
- **understand the limitations of orthodontic-periodontal therapy.**

Dr. Rasperini graduated in dentistry and specializes in orthodontics and periodontics. He is a researcher and professor in periodontology for the University of Milano. He is member of the European Federation of Periodontology, the American Academy of Periodontology, the Italian Society of Periodontology, the European Academy of Osseointegration, and the Academy of Osseointegration.

Dr. Rasperini is the recipient of several awards for research focused on periodontology and implantology. He speaks internationally, and is the author of several publications focused on periodontics and implant dentistry. He currently maintains a private practice limited to periodontics and implant therapy.

ALAN ROSENFELD, D.D.S., F.A.C.D., and GEORGE A. MANDELARIS, D.D.S., M.S. will present *Limitations and Potential for Technological Surgical Placement of Implants*. The core value of computed tomography in periodontics is the ability to manage complex information to more effectively diagnosis, determine prognosis, and develop evidence-based treatment plans for patient specific problems. As periodontists, we have the opportunity to broaden our interdisciplinary capabilities to insure the survival as a specialty. Prognosis is the cornerstone of our specialty and a paradigm shift is upon us. Recent studies are redefining the possibilities of treatment.

LEARNING OBJECTIVES:

Upon completion of this presentation, participants should be able to understand the:

- **importance of CT related-technology, its challenges and rewards;**
- **importance of CT/CBCT as it relates to the future culture of periodontal practice;**
- **concept of periodontics in the 4th dimension;**
- **use of CT/CBCT imaging applications in periodontal practice.**

Dr. Rosenfeld received his dental degree from the University of Illinois College of Dentistry and his Certificate in Periodontics from the University of Pennsylvania School of Dental Medicine. He is a Diplomate of the American Board of Periodontology and a Fellow in the American College of Dentists.

With his vast clinical experience and knowledge, he has had numerous publications and has lectured extensively, nationally and internationally. He currently serves as an attending at the Advocate Lutheran General Hospital and maintains a private practice with Dr. George Mandelaris.

Dr. Manderlaris received his Doctor of Dental Surgery from the University of Michigan School of Dentistry and his Certificate in Periodontics and Master of Science degree from the University of Louisville Dental School. He is a Diplomate of the American Board of Periodontology. Along with his extensive publications, he has presented on numerous occasions nationally and internationally. He currently serves as Associate Medical Staff at the Advocate Lutheran General Hospital and as president of the Society for Contemporary and Progressive Periodontology. He maintains a private practice with Dr. Alan Rosenfeld.

This presentation has received corporate sponsorship from Materialise Dental.

DAVID COCHRAN, D.D.S., M.S., PhD., M.M.S.C., will present *Regenerative Potential of Growth Factors*. Periodontal and bone tissue regeneration require a wound healing process where multiple cell types, growth factors, and extracellular matrix molecules all interact with each other. In addition, new blood vessels must be formed and this process alone requires an interaction with cells, growth factors, and extracellular matrix. Accumulating data demonstrate that bone healing and the vascular system are closely connected. This presentation will examine some of this data and some of the protein factors used to stimulate clinical wound healing and tissue regeneration.

LEARNING OBJECTIVES:

Upon completion of this presentation, participants should be able to:

- **understand effective periodontal regeneration will likely involve multiple proteins or proteins with multiple activities;**
- **understand vascularization is required for any tissue regeneration;**
- **appreciate enamel matrix derivative is a combination of multiple proteins that are capable of angiogenesis and osteogenesis.**

Dr. Cochran is a graduate of the University of Virginia and received his D.D.S., and Ph.D., in Biochemistry from the Medical College of Virginia (MCV). He received his post-graduate training in periodontology from the Harvard School of Dental Medicine. He was recently awarded an honorary doctorate from the University of Bern in Switzerland for his contributions to implant dentistry.

Dr. Cochran currently serves as professor and chairman of the Department of Periodontics at The University of Texas Health Science Center at San Antonio's Dental

School. Prior to his appointment at San Antonio, Dr. Cochran was director of Postgraduate Periodontics at MCV. Dr. Cochran is a member of many professional dental organizations, and currently is president-elect of the Academy of Osseointegration. He served in all officer positions with the American Academy of Periodontics, culminating in president. He is a Diplomate of the American Board of Periodontology, and a fellow of the Academy of Osseointegration, the American College of Dentistry and the International College of Dentistry. He has been an ITI Fellow since 1992 and served on the ITI Board of Directors until 2007.

Dr. Cochran has published numerous abstracts and scientific articles on various periodontal biochemistry and implant topics. He is an active basic science and clinical researcher who has not only received funding from both the NIH and private industry, but also countless awards for his research at both the national and international levels. ■

Disclaimer:

This program is offered as an educational course only. The opinions and techniques offered today should be combined with additional educational experiences before considering them in your practice. Attendance at this program does not reflect specialty status, advanced training, specific skills or educational status.

Message from the Editor

Truth be told, I have been a periodontist for less than a decade. In looking back at this relatively short period, one of the most gratifying and prudent decisions I have made is becoming an active member of the NESP. Not only have I benefitted from the wealth of information at the bi-annual meetings, but the friendships made and the insights gained have not only given me great personal and professional satisfaction, but a deep appreciation for all that goes into this organization. These days, economists are constantly saying we are experiencing tough economic times and we need to make good financial decisions. That may be true, but I think many around us would also agree that membership in the NESP is a worthwhile investment!!!

I am pleased to announce that Dr. Stuart Segelnick will be taking the reins as the *Bulletin* editor. Dr. Segelnick received his Doctor of Dental Surgery from SUNY Buffalo and his Certificate in Periodontics from Temple University. He also received a Master of Science in Forensic Examination from Touro College. He is a Diplomate of the American Board of Periodontology

and the International Congress of Oral Implantologists. He has been involved in various aspects of dentistry, including organized dentistry, dental academia, clinical research and private practice. He is a prolific writer and I look forward to reading his editorials. When he is not busy treating patients, teaching residents, or writing manuscripts, he spends his time with his wife Tina and his son Noah.



Wayne Kye

Thank you once again for giving me the privilege to serve as the *Bulletin* editor for the past three years. It truly has been my honor. I have the utmost confidence that Dr. Segelnick will continue the high quality of the *Bulletin* that our previous editors started. My deepest thanks and appreciation to the past presidents, board members and a special thanks to Dr. David Kratenstein and Kathleen Yavas for making the job that much more enjoyable. ■

Message from the Executive Director

Our society just completed a very successful year, having celebrated our 53rd year as the predominant regional periodontal society. We are looking forward to presenting to you, our membership, some of the finest continuing education courses available to our specialty.

Our next stated meetings will be on Friday, April 19, 2013 and Friday November 1, 2013, both at the Marriott Marquis Hotel. Please mark your calendars for those dates. Annual membership dues for member periodontists will be \$250. Your dues bill for 2013 will arrive in December so you can take advantage of the tax implications if you decide to prepay them. Please bring your ADA number to the meeting for CE credits. Save the CE form you receive at the meeting for use as proof of attendance.

The support of our sponsors has enabled your board of directors to provide you with world-class programs. Please support our exhibitors and Platinum Sponsors, as their funding enables us to continue to provide excellence in programming and to keep our dues level at its current cost. If you plan to make purchases at this time, consider doing so at our meeting to demonstrate your support to our exhibitors.



David Kratenstein

Your society is a dynamic growing group that is always in the forefront of periodontics. We thank you for your continued support and membership in 2013. ■

President's Message

As a periodontology graduate student in 1984, I traveled from Philadelphia to New York to attend my first meeting of the Northeastern Society of Periodontists, during which Dr. Robert Genco lectured on black pigmented bacteroides in the gingival sulcus. At the spring 2012 meeting of the NESP, Dr. Alan Meltzer discussed provisionalization of implants by the periodontist. The stark contrast between these two topics illustrates the dynamic changes that have occurred in the field of periodontology over the past 28 years. It is through continued education that we keep abreast of the rapid transformations in the fields of periodontics and implant dentistry. Through our outstanding speakers, the program meetings of the Northeastern Society of Periodontists continue to be a vital source of scientific information for the periodontal community.

In keeping with our tradition of providing exceptional education, our fall meeting will focus on Innovations in Periodontal and Implant Therapies. Once again, I wish to praise my program chair, Dr. Giorgio Di Vincenzo, along with our CE committee, for their diligent efforts in convening superb speakers for our meeting. I look forward to another terrific day of continuing education for our members.

Our new mentorship committee is working to bring interested members of our society into the leadership sector of the organization. We invite you to become an integral part of our organization. Please contact the chair of our mentorship committee, Dr. Susan Karabin, at Susankarabin@gmail.com for more details.

bin@gmail.com for more details.

I am excited to announce the formation of the Dr. Paul Tannenbaum School Competition, named in memory of Dr. Paul Tannenbaum, who served for many years on the board of directors of our organization. All students enrolled in CODA accredited advanced education programs in periodontics located in the geographic region of the NESP will be eligible for the competition. Post-graduate residents will be invited to submit an original case presentation that has been started during their residency program. More details on the competition will be sent to program chairs at each of the eligible schools.

It has been an honor serving as president of the NESP. I have enjoyed working with dedicated members of the board of directors, as well as officers, committee members, and past presidents, all of whom have enriched our society with their knowledge and guidance. I would like to extend great kudos to our executive director, Dr. David Kratenstein, for his unending support and perseverance in seeing to all of the details of each meeting. I wish my successor, Dr. Constantine Gus Pavlakos, much success as he assumes the helm of our organization. I look forward to seeing you at our fall meeting on November 2 at the Marriott Marquis. ■



Jay Fishbein

Message from the President-Elect

From the time of our society's inception, the primary goal of the Northeastern Society of Periodontists has always been to provide a forum for education. The tireless and devoted efforts of our board members, executive director, past-presidents and volunteers have allowed us to fulfill this goal for fifty-three years now. Additionally, their tenacity has provided us with exemplary current and clinically significant programs, resulting in our society's recognition as one of the largest and most highly regarded in the country.

Apart from the society, we all have so much to be proud of as periodontists and should relish in our specialty. Our unique field is the basis of dentistry and transcends the objectives of aesthetics, implants, regeneration, and systemic diseases.

The field of periodontics is not just a hands-on clinical exercise. It requires us to think and rationalize how the body will react to the procedure at hand. We often are called upon not only to diagnose patients but provide technical treatment outcomes as well. These are the aspects of our field that make it a dynamic one.

On a more fundamental level, we know that many of our clinical treatment cases are dependent upon sci-

entific research. We should all take honor in the numerous advancements the field of periodontics has afforded dentistry. When I was a post-graduate student, I witnessed our field being questioned and challenged as to its clinical significance and validity with respect to regenerative procedures. However, we prevailed and, case in point, regenerative procedures are now considered the gold standard.

With this said, we look forward to the upcoming 2013 scientific programs and seeing you there. Acknowledging the dedicated efforts of my program chair, Dr. Edward Gottesman, and the Continuing Education Committee, the upcoming programs will provide us with an exceptional learning experience on the topics of soft tissue aesthetics, ridge preservation and regeneration, periodontal medicine, and the diagnosis and treatment of sinus complications.

I appreciate and look forward to serving as your president of the NESP. ■



Constantine Pavlakos

NESP District VII Update

The Academy's Board of Trustees is working to implement the strategic plan. Various highlights include:

- Charging a task force to develop a strategy to increase consumer awareness, including working with a public relations firm in 2013 to leverage findings of consumer research and planned Academy outreach activities;
- Referring the results of the consumer research to the Task Force for General Dentist Outreach to develop resources for members to use with referring colleagues that emphasize the importance of discussing periodontal health and performing a comprehensive periodontal evaluation;
- Referring the results of consumer research to the Practice Management and Marketing Committee to develop member resources to facilitate patient education and promote periodontal services.

Also, of significant importance: An executive director search committee is continuing with its work of identifying potential candidates to replace the present executive director, Alice DeForest, when she retires following the Academy's annual meeting in 2012. This Task Force is working closely with an executive search firm (Korn/Ferry International) on this process as the person chosen for this very important position will have a major impact on how the Academy positions itself in these challenging times and rapidly evolving financial and political landscape.

Workshop on Periodontal Regeneration: The Academy will be holding a workshop on periodontal regeneration to be held in 2014 or 2015 to look at the state of the science on regenerative therapy based on the latest advances.

A collaborative initiative with the American Association of Endodontists was approved, whereby a consensus conference will occur in 2013-2014 for the purpose of developing multidisciplinary treatment planning guidelines for endodontic and implant dentistry decisions.

Election news: Dr. Richard Kahn, from New Jersey, will be the incoming District VII Trustee and will be taking Dr. Wayne Aldredge's position on the board. Dr. Aldredge will be continuing to represent our views, with fellow officer and District VII member Dr. Stuart Froum, as he will be the incoming Secretary/Treasurer of the Academy.

If you should have any questions, comments or issues for us to bring up on your behalf please contact us. We work hard to represent your views. Thank you for allowing us to serve you and our AAP.

Sincerest regards,

Dr. Wayne A Aldredge (waldredgedmd@yahoo.com)
Dr. Mitchell Bloom (drmbloom@yahoo.com)



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the latest
information
on NESP,
visit our website
at
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Mark Your Calendar

NESP Meeting Dates

NOVEMBER 2, 2012

APRIL 19, 2013

NOVEMBER 1, 2013

**Members can access the NESP journal
Periodontal Clinical Investigations online**

Go to the NESP website, click on scientific journal, then on journal articles,
and use the password NESPMEMBER (all caps)

Spring 2012 Meeting



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whose additional educational grants have enabled this society to provide excellent programming and parallel functions to our membership.

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ACKNOWLEDGMENTS

The NESP wishes to thank the sponsors of the fall meeting for their financial support. All members are urged to visit the exhibit booths and to acquire the latest information on periodontal products.

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