

International Endodontic Week:

June 26 – June 30, 2017



NYU | DENTISTRY

Linhart Continuing Dental Education Program



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Linhart Continuing Dental Education Program

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To all our Current Concepts Group Leaders,

This international dental education program, offered in New York City, is specifically designed to meet the educational needs of general dentists to learn from practicing endodontists. The Faculty for this one-week program has been selected from the Ignatius N. and Sally Quartararo Department of Endodontics at New York University College of Dentistry. They are known throughout the world for their teaching and communication skills, clinical and/or research expertise, and experience.

Through informative and stimulating lectures, interactive group discussions, treatment planning sessions, and hands-on workshops, this innovative program will expand your horizons and increase your confidence in pursuing clinical endodontic excellence. The program will be delivered in English with no translation.

To maximize the learning experience, this program is limited to a maximum of 40 participants and registration is on a first come first serve basis. For more details, or to register, please visit:

<http://dental.nyu.edu/ce/seminars/international-endodontics-week.html>

Best regards,

H. Kendall Beacham
Assistant Dean

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SPEAKERS AND HELPFUL LINKS

ASGEIR SIGURDSSON – <http://dental.nyu.edu/faculty/ft/as7253.html>



Born and raised in Reykjavik, Iceland. Received a dental degree from University of Iceland, Faculty of Dentistry in 1988. After one year in private practice in Iceland, moved to Chapel Hill, NC USA. Graduated from University of North Carolina (UNC) at Chapel Hill in 1992, with certificate in endodontics and Master of Science degree with emphasis on neurobiology and pain perception.

Full time faculty member at UNC School of Dentistry from 1992 until 2004, first as an assistant professor and then promoted to associate professor with tenure in 2000. Appointed as the Graduate Program Director of Endodontics (specialty training) in 1997 and severed in that position until 2004. From 2004 to 2012 he was in a private endodontic practice in Reykjavik and UK.

In September of 2012 he became the Chairman of the Department of Endodontics, New York University College of Dentistry. Additionally he holds the following academic positions: From 2004 an adjunct Associate Professor at UNC, Honorary Clinical Teacher in Endodontology, UCL Eastman Dental Institute, London UK form 2006 and from 2011 Honorary Clinical Associate Professor in the Faculty of Dentistry, The University of Hong Kong.

Dr. Sigurdsson is active in several professional organizations and is a past President of the International Association for Dental Traumatology. He also served as an Associate Editor of ACTA Odontologica Scandinavica and is on the editorial board of both International Endodontic Journal and Dental Traumatologia. In 2014 Dr. Sigurdsson was appointed by AAE as a Director of the American Board of Endodontics.

Dr. Sigurdsson has been invited over 160 times to give lectures, in 44 countries all over the World, on the topics of pain, pain modulation, endodontics, dental trauma and/or forensic sciences. He has written or co-written over 60 peer-reviewed articles and 19 textbook chapters on same topics.

In 1998 he received Edward M. Osetek Educator Award, awarded by the American Association of Endodontists.

PAUL A ROSENBERG – <http://dental.nyu.edu/faculty/ft/par1.html>



Dr. Rosenberg is a Professor in the Department of Endodontics at New York University College of Dentistry. From 1990-2012 he was Chair of the Department of Endodontics and Director of the Advanced Education Program in Endodontics. He served as the Associate Dean for Graduate Programs from 2000-2006.

In 2001 he won the University's highest award for teaching, The Distinguished Teaching Award. In 2007 NYUCD opened the Paul and Maxine Rosenberg Postgraduate Educational Wing, an area dedicated to the use of postgraduate students. He served as a Director of The American Board of Endodontics from 2002-2008.

Dr. Rosenberg has lectured at over 25 dental schools and meetings in the United States, Europe, Asia and South America on the subject of Endodontic pain and its management.

He has published extensively on the diagnosis and treatment of pain in juried journals and textbooks. In 2014 his textbook titled, Endodontic Pain: Diagnosis, Causes, Prevention, Treatment was published by Springer Publishing.

In 2017 Dr. Rosenberg will receive the I.B. Bender Lifetime Educator Award from the American Association of Endodontists at their annual meeting. The award acknowledges a member of the American Association of Endodontists whose contributions to Endodontics in the field of education have demonstrated excellence through selfless commitment to full-time educational pursuits, and whose valuable contributions have instilled in his/her students the desire to pursue excellence in their careers.

LOUIS LIN – <http://dental.nyu.edu/faculty/ft/lml7.html>



Louis M. Lin, BDS, DMD, PhD, currently holds the position of Professor in the Department of Endodontics at New York University College of Dentistry. Some highlights of his past appointments include Postgraduate Endodontic Program Director at New York University College of Dentistry, Chairman and Director of Postgraduate Endodontic Program, Section of Endodontics, University of California at Los Angeles School of Dentistry, and Chairman and Director of Postgraduate Endodontic Program, Department of Endodontics, Rutgers University School of Dental Medicine.

Dr. Lin extensive educational background spans multiple decades. He received his B.D.S (Bachelor of Dental Science) from School of Dentistry, Chung Shan Medical University in Taiwan in 1964. Dr. Lin furthered his education and in 1969, while in Japan, and he was awarded a Certificate in Oral Surgery From Tokyo University Hospital, Faculty of Medicine.

In 1972 Dr. Lin received his Ph.D. in Pathology from the University of Oklahoma Medical Center in Oklahoma city Oklahoma. From 1972 to 1974, Dr. Lin pursued a Certificate in Oral Pathology from the School of Dentistry at Louisiana State University. Medical Center in New Orleans, Louisiana. Only a few short years later, in 1976, Dr. Louis Lin received his D.M.D (Doctor of Dental Medicine), from the School of Dental Medicine, Rutgers University. Finally in 1979, Dr. Lin

obtained his Certificate in Endodontics from the School of Dental Medicine at the University of Connecticut Health Center in Farmington, Connecticut.

Dr. Louis Lin continues to participate at a high level in the world of research as he has published more than fifteen book chapters and more than 95 peer-reviewed publications all while serving as an Editorial Board member of over 15 journals and Editor-in-chief of 2 journals.

Dr. Lin is an avid swimmer and spends his free time with his family and grand children in the New York City Area.



MATTHEW MALEK – <http://dental.nyu.edu/faculty/ft/mm3948.html>



Dr. Malek received his Doctorate in Dental Surgery from NYU, where he received several letters of appreciation, as well as the Arthur Charles Hull and Samuel and Hannah Holzman Award for showing the greatest proficiency in Endodontics. Subsequently he received his certificate in the specialty of endodontics from NYU-CD in 2011. In 2014 he was the recipient of the ADEA Junior Faculty Award.

Dr. Malek, a Diplomate of the American Association of Endodontics, is currently the Director of the Advanced Education Program in Endodontics at NYU. He is involved with several research projects that focus on pain, regenerative endodontics, and the use of rotary instruments in dental clinics. Dr. Malek is the author/co-author of several peer-review articles and chapters in endodontic text books.

JENNIFER GIBBS – <http://dental.nyu.edu/faculty/ft/jlg15.html>



Jennifer L. Gibbs, M.S., D.D.S., Ph.D. is an Assistant Professor in the Department of Endodontics at the New York University (NYU) College of Dentistry.

Dr. Gibbs received her dental degree and her Ph.D. in Pharmacology from the University of Texas Health Science Center San Antonio. She then completed a certificate in Endodontics and an M.S. in Clinical Research from the University of California San Francisco, as well as a postdoctoral training period in pain mechanisms. She is now a full time Assistant Professor at NYU.

Dr. Gibbs heads a translational research group focused on understanding the neurobiological mechanisms of orofacial pain with a focus on the nociceptors of the dental pulp. She also investigates clinical outcomes of endodontic treatments in children. She has received funding for her research from the National Institutes of Health, the American Association of Endodontists, and International Association for the Study of Pain. She teaches clinically in the Postgraduate Endodontic Program and lectures to both postgraduate and pre doctoral students. Dr. Gibbs maintains an active clinical practice in the Faculty Practice at NYU. She is a past Educator Fellow of the American Association of Endodontists and past president of the Pharmacology, Toxicology, and Therapeutics Group of the IADR.

KATSUSHI OKAZAKI, D.D.S., Ph.D.



Dr. Katsushi Okazaki, D.D.S., Ph.D., is a full-time Clinical Assistant Professor of the Department of Endodontics at NYU College of Dentistry.

Dr. Okazaki is currently directors of post-graduate courses: “CONFERENCES IN ENDODONTICS” of the Advanced Programs in Department of Endodontics and “PRINCIPLES & PRACTICES OF ENDODONTICS” of the Comprehensive Dentistry in International Program, and a director of graduate course: “Honors in Endodontics”

of the DDS degree program in Department of Endodontics at NYU College of Dentistry. Dr. Okazaki lectures on various topics on Endodontics to post-graduate students, as well as pre-doctorate students. Dr. Okazaki is the clinic superintendent and the pre-clinical course organizer for the post-graduate students.

Dr. Okazaki also conducts clinical research in Endodontics at NYU College of Dentistry.

Dr. Okazaki has received his DDS in 1987 in Japan. After trained well clinical skills with comprehensive approach, he maintained a private practice in Japan. Dr. Okazaki then earned a Ph.D. in Anatomy and Physiology in 2002 in Japan and served as a Teaching Fellow in Oral Anatomy at Aichi Medical University in Japan.

After Postdoctoral Research as a research fellow in Department of Development and Surgical Sciences at University of Minnesota, Dr. Okazaki relocated to the New York City area in 2009. Dr. Okazaki completed International Program in Endodontics and Advanced Programs in Endodontics and received the certificates from the both of the Program in Endodontics at NYU College of Dentistry.

Dr. Okazaki is an endodontist specializing in conventional root canal treatment and surgical root canal treatment.

SCHEDULE:

MONDAY, JUNE 26, 2017

Topic Title: **Welcome and Introduction**

Time: **9:00 – 9:30am**

Lecturer: **Dr. Sigurdsson and faculty**

Overview:

- **Introduce faculty to participants**

Topic Title: **Endodontic Biology**

Time: **9:30 – 11:00am**

Lecturer: **Dr. Rosenberg**

Overview:

- **Pulp and periapical pathosis**
- **Vital and non-vital teeth**
- **Development of an apical lesion**

Topic Title: **Diagnosis and Treatment Planning**

Time: **11:00 – 12:30pm**

Lecturer: **Dr. Sigurdsson**

Overview:

- **Odontogenic and non-odontogenic pain**
- **Reversible and irreversible pulpitis**
- **Clinical tests and radiographs**
- **Development of a treatment plan**

Topic Title: **Endodontic Anatomy**

Time: **1:30 – 2:30pm**

Lecturer: **Dr. Malek**

Overview:

- **Evaluation of preoperative radiographs**
- **Pulp chamber size and shape**
- **Location of canals and number of canals per tooth**

Topic Title: **Introduction of Endodontic Microscopy**

Time: **2:30 – 3:30pm**

Lecturer: **Dr. Okazaki**

Overview:

- **Ergonomics**
- **Focusing**
- **Magnification/Depth of Field**
- **Indications for Use**





Topic Title: **Panel Discussion**

Time: **3:30 – 4:00pm**

Topic **Title: HANDS-ON Session**

Time: **2:30 – 3:30pm**

Lecturer: **Dr. Okazaki and faculty**

Overview:

- **Distribution of Models**
- **Initiation of Access Preparations**

TUESDAY, JUNE 27, 2017

Topic Title: **Access and Length Control**

Time: **9:00 – 10:30am**

Lecturer: **Dr. Malek**

Overview:

- **Access in all tooth groups**
- **Working length estimation with apex locator vs. radiographs.**

Topic Title: **Instrumentation and Irrigation**

Time: **10:30 – 12:30pm**

Lecturer: **Dr. Malek**

Overview:

- **Glide path**
- **Principles and goals of instrumentation**
- **Hand instrumentation**
- **Different rotary systems**
- **Irrigants: Indications and Usage**

Topic Title: **Panel Discussion**

Time: **1:30 – 2:00pm**

Topic Title: **HANDS-ON Session: Access and Instrumentation Using the Endodontic Microscope**

Time: **2:00 – 4:30pm**

Lecturer: **Dr. Okazaki and faculty**

Overview:

- **Hand instrumentation of anteriors and premolars**
- **Rotary instrumentation of premolars and molars**



WEDNESDAY, JUNE 28, 2017

Topic Title: **Obturation**

Time: **9:00 - 10:30am**

Lecturer: **Dr. Okazaki**

Overview:

- **Lateral condensation**
- **Warm vertical condensation**
- **Gutta Core**
- **Temporization of endodontically treated tooth**



Topic Title: **Complication in instrumentation and obturation**

Time: **10:30 - 12:30pm**

Lecturer: **Dr. Sigurdsson**

Overview:

- **Ledge formation**
- **Perforations**
- **Separated instruments**
- **Overfill**
- **Use of antibiotics**

Topic Title: **Panel Discussion**

Time: **1:30 - 2:00pm**

Topic Title: **Clinic Observation**

Time: **2:30 - 3:30pm**

Topic Title: **HANDS-ON Session: Continuation of instrumentation and Obturation Techniques**

Time: **3:30 - 5:00pm**

Lecturer: **Dr. Okazaki and faculty**

Overview:

- **Continued hand instrumentation of anteriors and premolars**
- **Continued rotary instrumentation of premolars and molars**
- **Obturation of access and instrumented teeth**

THURSDAY, JUNE 29, 2017

Topic Title: **Materials: Advancements in Endodontic Instrumentation**

Time: **9:00 – 10:30am**

Lecturer: **Dr. Malek**

Overview:

- **Variety and caliber of the instruments and alloys available to its practitioners**
- **Technological advancements in the field of metallurgy and surface treatment**
- **Reciprocating motion**
- **Introduction of M-wires**



Topic Title: **Anesthetic Problems**

Time: **10:30 – 12:30pm**

Lecturer: **Dr. Gibbs**

Overview:

- **Irreversible pulpitis**
- **Anesthetic failures**
- **Supplemental injections**
- **Prolonged pain following root canal therapy**

Topic Title: **Introduction to CBCT**

Time: **1:30 – 2:30pm**

Lecturer: **Dr. Okazaki**

Overview:

- **Indications and Contraindications**
- **How to read CBCT**
- **Treatment planning using CBCT**

Topic Title: **Panel Discussion**

Time: **2:30 – 3:00pm**

Topic Title: **Hands On Session: Continuation of Obturation and Temporization Techniques**

Time: **3:30 – 5:00pm**

Lecturer: **Dr. Okazaki and faculty**

Overview:

- **Continued obturation of anteriors and premolars**
- **Techniques for proper temporization of teeth**



FRIDAY, JUNE 30, 2017

Topic Title: **Dental Trauma**

Time: **9:00 - 11:30am**

Lecturer: **Dr. Sigurdsson**

Overview:

- **Lateral condensation**
- **Warm vertical condensation**
- **Gutta Core**
- **Temporization of endodontically treated tooth**

Topic Title: **Certificate Distribution**

Time: **11:30 - 12:30pm**



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