

## CONTINUING EDUCATION CREDIT

You will earn a total of 12 CEUs. IUSD is an ADA CERP and an AGD Accepted Fellowship/Mastership National Sponsor.

## TRAVEL

Indianapolis International Airport is located 15 minutes from downtown Indianapolis. For airport information, go to: [www.indianapolisairport.com](http://www.indianapolisairport.com)

A block of rooms have been reserved at the Indianapolis Hilton Hotel offering an IUSD participant discount starting at \$179 per night plus tax. The room block is under the name "Burstone Symposium." To make a reservation contact the hotel at 317-972-0600. Discounted parking is available for \$15 self, \$20 valet.

For Indianapolis city information, please visit <http://www.indy.org>

## REGISTER

Register online! Visit: <http://go.iu.edu/1sL7>

## TUITION

- Pre-symposium ONLY (Oct 5, 2017)  
Student/Faculty/Clinician fee - \$50
  
- Pre-symposium and Symposium (Oct 5-7, 2017)  
Student/Faculty fee - \$50  
Clinician fee - \$250

## ABOUT THE BURSTONE SYMPOSIUM

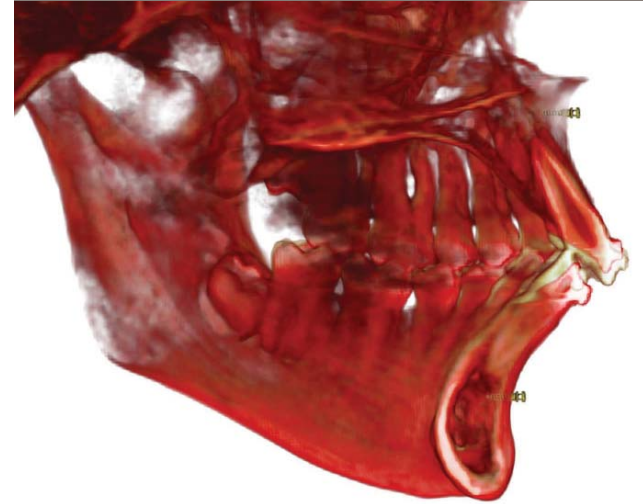
Dr. Charles J. Burstone is known and appreciated internationally for his understanding and teaching of biomechanics in orthodontics. Dr. Burstone received his MS in Orthodontics at Indiana University School of Dentistry and was appointed Chairman in 1961. Although contributing in so many areas of orthodontics, his special emphasis was on biomechanics. He later accepted the position as Head of the Orthodontic Department at the School of Dental Medicine, University of Connecticut and Chief of Orthodontic Services, John Dempsey Hospital. The University of Connecticut awarded him Professor Emeritus in 1994 and an Honorary Doctorate in 2011. Dr. Burstone dedicated his life to orthodontic education. His very generous donation establishing the Dr. Charles J. Burstone Orthodontics Biomechanics Initiative Fund has made this program possible.

INDIANA UNIVERSITY SCHOOL OF DENTISTRY  
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# THE FIFTH BIENNIAL BURSTONE SYMPOSIUM

## PRACTICAL APPLICATIONS IN BIOMECHANICS



OCTOBER 5-7, 2017

Department of Orthodontics and Oral Facial Genetics  
Indiana University School of Dentistry

Indiana Association of Orthodontists

Indiana University Orthodontic Alumni Association

# PRACTICAL APPLICATIONS IN BIOMECHANICS

OCTOBER 5-7, 2017

In Memory of the Father of Orthodontic Biomechanics, Dr. Charles Burstone, 1928 - 2015

Presenting the 5th Biennial Burstone Symposium! This year we will focus on practical applications in biomechanics and orthodontic legal concerns. For the first time, we are offering a pre-symposium with an exciting panel of speakers versed in their multitude of techniques - each speaker bringing something different to the table and applicable for clinical use. You will have the opportunity to enjoy and explore downtown Indianapolis in the evenings.

Don't miss out on this prestigious event!

The pre-symposium, to be held on Thursday, October 5, will feature two dynamic keynote speakers followed by poster presentations.

## LOCATION

HILTON INDIANAPOLIS HOTEL & SUITES

t: +1 317 972 0600 | d: +1 317 822 5802 | f: +1 317 822 0660

120 WEST MARKET STREET, INDIANAPOLIS, IN 46204 | USA

hilton.com | Indianapolis.hilton.com | facebook.com/Hilton.Indianapolis

## TUITION

\$250 per attendee. Tuition includes lecture, study materials, continental breakfast (Friday and Saturday) and lunch (Friday) as well as Pre-Symposium on October 5. A refund will be granted, less a \$25 fee, if cancellation occurs at least two weeks prior to the event. No refunds thereafter. Contact the CE office for details.

Discount tuition of \$50 for orthodontic graduate students and orthodontic educators. Non-refundable.

## TO REGISTER

<http://go.iu.edu/1sL7> (case sensitive)

THURSDAY, OCTOBER 5

1:00 PM - 4:30 PM

## BURSTONE PRE-SYMPOSIUM

Dr. Burstone possessed a deep passion for both research innovation and promoting excellence among rising clinical scientists within the profession. To further honor this legacy, the Burstone Pre-symposium has been established to showcase innovative and collaborative research within the field of orthodontics. The Pre-symposium places a special emphasis on research conducted by residents and junior faculty from around the country. Please join us as we celebrate the memory of Dr. Burstone through the dissemination of orthodontic knowledge.

FRIDAY, OCTOBER 6

8:30 AM - 4:30 PM

## ACCELERATION OF ORTHODONTIC TREATMENT: The Role of Biomechanics, Mechanical and Surgical Interventions

Presented by Ravindra Nanda, BDS, MDS, PhD

Acceleration of orthodontic tooth movement is currently a hot subject in orthodontics. Numerous methods and technologies have been proposed and investigated. At the University of Connecticut we have several ongoing experiments in progress. This presentation will discuss results of some of these studies.

Objectives:

- To describe evidence related to methodologies that reportedly accelerate orthodontic tooth movement.
- To understand simple and efficient mechanics to extrude anterior or intrude posterior teeth to correct open bite malocclusions.
- To understand indications for application of TADs in various multidisciplinary patients

## ABOUT THE SPEAKER

Ravindra Nanda, BDS, MDS, PhD is at present UConn Alumni Endowed Chair and Professor and Head of the Department of Craniofacial Sciences and Chair of the Division of Orthodontics, University of Connecticut. Dr. Nanda has been author and co-author of five orthodontic books and more than two hundred scientific and clinical articles in major journals. He is Editor-in-Chief of Progress in Orthodontics and is on the editorial board of ten different national and international orthodontic journals.

FRIDAY, OCTOBER 6

4:30 PM - 6:00 PM

## RECEPTION - Everyone welcome! Refreshments provided.

Hosted by Indiana Association of Orthodontists.

SATURDAY, OCTOBER 7

9:00 AM - NOON

## LEGAL CONCERNS WHEN TREATMENT FAILS

Presented by Laurance Jerrold, DDS, JD

Treatment failures do not per se constitute malpractice. Treatment may fail for a variety of reasons that have nothing to do with whether or not a doctor provided negligent treatment. However, doctors practicing contemporary orthodontics must be aware of the many administrative and clinical situations that create an environment that invites legal exposure. Once these situations are identified, the practitioner can adopt prudent risk management policies and procedures to address them.

Clinical case scenarios will be presented, coupled with ample time for questions and answers.

You will learn:

- legal elements a plaintiff must prove to succeed in a malpractice suit
- what standard of care is and how it is determined
- the role of an expert witness
- how to commence and terminate the doctor-patient relationship
- what constitutes patient abandonment and how to defend against it
- nuances of obtaining and documenting consent, informed consent, and the differences between the two
- how laws differ between contract liability and negligence
- tips, traps and techniques for good record keeping
- the anatomy and agony of a lawsuit and how to cope with it

## ABOUT THE SPEAKER

Laurance Jerrold, DDS, JD, ABO is the Chair of Orthodontics at NYU-Lutheran Hospital and Medical Center, and the Director of the Advanced Education Residency Program in Orthodontics. Prior to coming to Lutheran, he was the former Dean and Program Director of the School of Orthodontics at Jacksonville University, the Orthodontic Program at St. Barnabas Hospital and the Program Director of the Post-Doctoral Orthodontic Program at NYU College of Dentistry. Before committing himself to a career in academic medicine, he was in private practice of orthodontics and law.

## DISCLOSURE STATEMENT

Sponsorship of a continuing education program by Indiana University School of Dentistry does not imply endorsement of a particular philosophy, procedure, or product. Programs must demonstrate balance, independence, objectivity, and scientific rigor. All faculty, authors, editors, and planning committee members participating in an IUSD-sponsored activity are required to disclose any relevant financial interest. This program is not intended to provide extensive training or certification in the field.