



The Apex

Winter 2013

A publication for ADS's Extended Dental Family

Brad M. Radlosky, DMD



Dr. Brad M. Radlosky is a Pennsylvania native who grew up in Connellsville, Pennsylvania. He attended the University of Pittsburgh for his pre-doctoral studies graduating with a Bachelor of Science degree in Biology. In 2007, Dr. Radlosky received his D.M.D. degree graduating Cum Laude from Nova Southeastern University, Ft. Lauderdale, Florida. He then returned to Pittsburgh for

a General Practice Residency at UPMC Montefiore where he received his certificate in 2008. Dr. Radlosky practiced general dentistry in Pittsburgh for two years prior to returning for post graduate studies. In 2012, he received his Endodontic Specialty Certification from Nova Southeastern University, Department of Endodontics. Dr. Radlosky's research on bioceramics adaptation to the canal wall has been submitted and is awaiting publication in dental literature. Dr. Radlosky joined Associated Dental Specialists in 2012. He maintains membership in the American Dental Association, Pennsylvania Dental Association, Western Pennsylvania Dental Society and the American Association of Endodontists.

Traumatic Dental Injuries: A review and update

Dental trauma is an all too common occurrence. It has been reported that 61% of all individuals have suffered some form by the age of 18. Traumatic injuries are categorized as either luxation or nonluxation/fracture injuries. The delivery of high quality clinical care requires a thorough understanding of the etiology as well as the preventative measures needed to lessen detrimental consequences. For the purposes of this article, the focus will be on the classification of luxation injuries with the proposed treatments and prognosis.

In order to arrive at a quick and correct diagnosis of the probable extent of injury to the pulp, periodontium, and associated structures, a systematic examination of the traumatized patient is essential and should always begin with three main questions: How did the injury occur? The answer will indicate the location of possible injury zones. Where did the injury occur? This will help identify the possibility of contamination to the wounds. Lastly, When did the injury occur? The answer will imply a time factor, which could influence the choice of treatment especially critical to the treatment protocols in the case of avulsed or displaced teeth.

Next, the importance of a thorough neurological examination should not be neglected. Dental treatment can always be delayed in the event of a medical emergency. Remember, we are medical providers, and our number one priority is the health and well-being of our patients. In the case of a failed cranial nerve assessment, the dental examination should be delayed and the patient should be enroute to the emergency room.

Gathering more information about the accident continues with the extraoral examination. Lacerations, contusions, and

ecchymosis will lead to a better understanding of the extent and direction of the traumatic injury. Furthermore, it is crucial to gain as much insight by the use of radiographic evidence. It is suggested that a total of 4 radiographs may be needed for a completed radiographic exam. This includes 3 radiographs from a mesial, distal, and straight-on perspective, as well as an occlusal view.

When classifying luxation injuries, the least traumatic is concussion. The traumatic injury often times is in a mild horizontal direction and the teeth will maintain normal appearance both clinically and radiographically. No treatment is required. The prognosis is excellent with a pulp survivability rate over 10 years close to 98%.

The difference between concussion and subluxation is that minimal bleeding will be present from the gingival sulcus due to a more moderate level of trauma. Again, clinical and radiographic findings will yield normal appearances and treatment is not recommended. A prognosis of 92% is expected over a 10 year term.

As the level of trauma increases, displacement injuries prevail. The first type of displacement injury is termed extrusion. The direction of trauma changes from horizontal to a vertical component forcing the tooth from its dental socket. Clinically the tooth will be displaced coronally, tender to touch, and excessively mobile. Radiographic exam reveals an elongated tooth with widened PDL space. The recommended treatment is repositioning of the tooth digitally and application of a flexible splint for 2 weeks. The long term prognosis is close to 50% over a 10 year period.

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Traumatic Dental Injuries: A review and update continued

In lateral luxation injuries a horizontal component leads to tooth displacement axially, often times accompanied by a fracture of the alveolar wall and severance of the PDL. The axially displaced tooth will be immobilized and require repositioning with forceps. A flexible splint will need to remain in place for 4 weeks due to accompanied alveolar fracture. The overall prognosis is suggested at 30% due to the combination of both tooth and alveolar injuries.

Intrusion injuries arise from axially directed trauma, forcing the tooth deeper into the alveolar socket. Clinically the tooth will appear shortened and will be immobilized. Radiographic exam reveals a lack of PDL space. Treatment procedures will first require repositioning by either the use of forceps, orthodontic extrusion, or surgical repositioning depending on the level of axial displacement. Splinting will also be necessary for a minimum of 4 weeks, and long term pulp survivability over 10 years is believed to be less than 25%.

Avulsion injuries are considered one of the true dental emergencies. A completed displacement from the alveolar socket defines this type of injury and requires a timely emergency procedure. One hour is believed to be the longest that PDL cells survive, and may be prolonged with the introduction of a transport medium. If available, Hanks balanced salt solution, an electrolyte rich medium yielding the necessary nutrients for cell viability, is considered to be the best. Water should never be used due to its lack of solutes. The resulting blood clot should never be removed with a curette due to possible extraction of attached PDL cells. Rather, an introduction of a stream of saline should be used to gently irrigate the socket. (Please contact Associated Dental Specialists for a quick reference chart of current trauma guidelines and a chart for current recommended radiographic follow up appointments which supplement Dr. Radlosky's article)

ADS Headlines the Speakers' Presentations at the 2012 Three Rivers Dental Meeting!

Associated Dental Specialists was very well represented at the 2012 Three Rivers Dental Meeting held at the Seven Springs Mountain Resort on Friday and Saturday, October 12 and 13. Five of our staff members were invited as guest speakers at the Three Rivers Dental Meeting sponsored by the Dental Society of Western Pennsylvania (DSWP).

Dr. Brad Radlosky presented a 3 credit program entitled, "**Dental Trauma, Treatment Strategies & Avulsions.**" Even though dental trauma can be a common occurrence, Dr. Radlosky discussed that trauma not only implies impact to the dental hard tissues and periodontium, but to the pulp as well. Dr. Radlosky reviewed the traumatic injuries with current treatment guidelines with an emphasis on avulsions. He discussed how imperative it is to have proper evaluation and emergency management for a successful outcome. **Dr. Richard Smith** joined Dr. Radlosky at the end of his presentation for a panel discussion.

Our Business Manager, **John Hischar**, and Office Administrator, **Dawn Lewis**, presented a 2 credit program, entitled, "**Time Management at the Pace of Dentistry.**" This presentation provided the audience with the tools to master a day in the dental office by working smarter not harder. John and Dawn reviewed the importance of maximizing your productivity by simply planning, organizing, and controlling the daily activities of your dental office. The kind of

information presented offered information and strategies that are essential for the front lines of dental offices. These strategies were helpful for the audience to grow professionally and in the business of dentistry.

Carol Glock, presented a 2 credit program entitled, "**The Six Step Power Cycle for Life,**" to meet the needs of the dental patients, dental hygienists, assistants, front desk personnel and the doctors. Carol's presentation focused on developing the skills, knowledge and confidence in resolving issues with patients and also for use in their own personal lives. The main focus for the audience was to learn how to transfer a positive attitude from the front desk personnel to the dental hygienist and dental assistant, and to the patient through subtle posture changes and body language that will help diminish the anxiety of the dental visits for the patient. For personal growth of audience participants "The Six Step Power Cycle for Life," included the following tools to deal with stress and experience a feeling of confidence and trust: Posture, Power Talk, Search for Success, Performance Cues, Visualization and Consistent Resilient Actions.

Along with the presentation series, Associated Dental Specialists was among the many vendors. Associated Dental Specialists is looking forward to presenting at the next Three Rivers Dental Meeting on October 4 and 5, 2013 at Seven Springs.

Past and Upcoming Seminars

Ultimate Perio: Putting It All Together For Better Patient Outcomes And Better Practice Incomes



Timothy Donley, DDS, MSD presented an ADS continuing education program for 6 CE credits on **November 16, 2012** at the University Club on the University of Pittsburgh Campus entitled **Ultimate Perio: Putting It All Together, For Better Patient Outcomes And Better Practice Incomes.** Timothy Donley, DDS, MSD is currently in the private practice of Periodontics and Implantology in Bowling Green, KY. After graduating from the University of Notre Dame, Georgetown University School of Dentistry and completing a general practice residency, he practiced general dentistry. He then

returned to Indiana University where he received his Masters Degree in Periodontics.

Dr. Donley is the former editor of the Journal of the Kentucky Dental Association and is an adjunct professor of Periodontics at Western Kentucky University. He is a lecturer with the ADA Seminar Series. Dentistry Today recently listed him among its Leaders in Continuing Education. He lectures and publishes frequently on topics of interest to clinical dentists and hygienists.

Dr. Donley explained to the attendees that there are a significant number of patients walking into dental offices every day with legitimate periodontal treatment needs. The success of the periodontal portion of a dental practice is going to depend on the doctor, dental hygienists and staff to motivate patients in need of care by implementing a therapeutic approach. This seminar provided the tools necessary to maximize the chance for patients to achieve a preferred level of oral health. The attendees left Dr. Donley's seminar with the knowledge and skill set necessary to benefit the patients for any dental practice.

Also, Associated Dental Specialists hosted a free lunch and learn on **September 21, 2012** at the Johnston Tea House in Mars, PA presented by **Carol Glock, M.Ed.**, Education and Marketing Director for ADS entitled **Discover the Woman You Were Meant to Be**. There were 28 female dentists who attended. The purpose of this presentation was to explore the emotional, physical and spiritual needs of a woman, learn the secret to

obtaining the "Mental Edge" for life and discover the effective tools for becoming a woman of influence and strength both in their dental profession and personal life.

Our next scheduled event will be two programs on February 7, 2013 held at the Four Points By Sheraton Pittsburgh North. The CPR Renewal with Basic Life Support Course will be offered from 1-3:30 pm. Anesthesia and Medical Emergencies in the Dental Office for 5 CE Credits will be offered from 4:00 pm to 9:00 pm. The featured speaker for both of these programs will be R. John Brewer, NREMT-P.

If you have any questions or would like to register for this program please email Dawn at dlewis@ads-endo.com

Office News... Meet ADS - Squirrel Hill



What makes our Squirrel Hill Office so special? Meet the staff behind the scenes who make our patients feel so secure and comfortable during a dental procedure.....Say hello to Dr. Ferrari, Natalie, Kerry and Jessica. There are 7 practicing Endodontists for ADS but Dr. Ferrari is most frequently at the Squirrel Hill Office.

Ronald V. Ferrari, DDS has practiced for more than 30 years in the field of Endodontics, but feels rejuvenated working with the staff at ADS. Dr. Ferrari said he likes the convenience of Squirrel Hill for the patient's easy access for parking with the community lot right behind our office. Dr. Ferrari also enjoys the "home-like atmosphere" of the Squirrel Hill Office. He really enjoys spending quality time with his patients which compliments his 10 years of teaching at the University of Pittsburgh.

Dr. Ferrari particularly enjoys the monthly meetings held with his colleagues at ADS to share ideas, concepts, technologies, and approaches to endodontics as well as its impact on the tooth structure and needs of the general dentist for final restoration. Dr. Ferrari said it is great to look at particular cases through "the eyes" of the 6 other doctors in our practice.

Dr. Ferrari completed his pre-doctoral studies at LaSalle University receiving a Bachelor of Arts degree in Biological Sciences. He received a D.D.S. degree from the University of Pennsylvania, School of Dental Medicine. Dr. Ferrari served two years as a U.S. Navy Lieutenant Dental Officer aboard the U.S.S. Forrester. He then entered private general dental practice in Wilmington, Delaware. In 1969, Dr. Ferrari completed the Post-Doctoral Endodontic Program at the University of Pittsburgh, School of Dental Medicine, Department of Graduate Endodontics, receiving his Endodontic Specialty Certification. Dr. Ferrari then entered the private practice of Endodontics in Pittsburgh, PA. He contributed to Endodontic research and education at the University of Pittsburgh, Graduate Endodontic Department. He is the past president of the Western Pennsylvania Academy of Endodontists. Dr. Ferrari has lectured throughout the region on Endodontics and is the past president of the Charters Dental Society. In 2010, Dr. Ferrari joined Associated Dental Specialists. He maintains membership in the American Dental Association, Pennsylvania Dental Association, Western Pennsylvania Dental Association and the American Association of Endodontics.

Natalie Halahurich, Office Coordinator, has worked for ADS for 6 years. Natalie started out as a dental assistant at ADS but then wanted to learn the administrative part of the business. Natalie said, "One of the many great things about working for ADS is that our Business Manager, John Hischar, seeks out your strengths and allows you to grow professionally within ADS". Through the great training provided by ADS and more specifically Danielle (Office Coordinator in Cranberry), Natalie quickly acquired the skills necessary to run an office. Natalie is most impressed by our well organized offices and our motto of

"Standardization and Consistency". You can walk into any of our 6 offices and they are set up the same and all of a patient's information can be accessed no matter where they were seen. Natalie attributes our well run organization to the time management methods and the standardization and consistency that John has created. Natalie said "One of the greatest things about being an office coordinator is the rapport you get to build with patients. When they walk through the door they immediately look to us to help relieve their anxiety and fear. It's always great to hear when treatment is completed, "You were right! It wasn't bad!"

Natalie recently got married on October 13, 2012 in a quiet setting in Somerset, PA. She resides in Greensburg with her husband, Drew, who is an engineer for First Energy. Natalie and Drew have 4 dogs, Peanut, Chumlee, Coakley and Winston – who are all teacup yorkies!

Kerry Byrd is our lead dental assistant in Squirrel Hill. Kerry formerly worked at a day care but her dream was to become a dental assistant. Kerry did not know that her dream was about to come true upon accepting a position at Associated Dental Specialists. Kerry is very grateful for her outstanding training by Dawn Foltz. Four years later, Kerry said she still loves it at ADS. Kerry said, "I love coming to work every day. We are like a very close family. I plan on being a dental assistant at ADS as my life long career."

Kerry loves working with all of the patients because each patient brings her a new experience. "The best part of my job is you never know what to expect each day and that is what makes my days at ADS exciting. I get great satisfaction out of trying to make each patient feel at ease." Kerry feels very supported and comfortable working at ADS. "I feel like ADS is my second family."

Kerry bought a home in Brentwood. Her daughter Taylor is 14 years old and attends Brentwood High School. Kerry and her daughter have two puppies, Channing and Choco!

Jessica Venturella has been a dental assistant at ADS for 2 years. Jessica was formerly a surgical technician and felt like she missed getting to see the positive satisfaction of post operation. Jessica said, "I love to interact and comfort people through the dental procedure and see the satisfaction and relief of the patient. Working at ADS gives me the opportunity to see the positive end result."

Jessica said she loves the camaraderie and support from her ADS family. Jessica has learned to become a professional from the guidance of John Hischar, our office manager, and the staff at the Squirrel Hill Office. "Everyone at ADS has mentored me and treats me like family," said Jessica. "They have molded me into a knowledgeable dental assistant. My skill set, work satisfaction and happiness at ADS are definitely felt by all of my patients."

Jessica has two small children. Mia is 2 years old and Brady is 6 years old. Brady attends Edgewood Elementary School.



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Associated Dental Specialists.....2013 Speakers Series

- Thursday, February 7, 2013 – American Heart Association Basic Life Support Healthcare Provider CPR Renewal Course, R. John Brewer, NREMT-P, Four Points by Sheraton Pittsburgh North, Cranberry Township, PA
1:00 pm – 3:30 pm.
(Required for Dental License Renewal)
- Thursday, February 7, 2013 - Anesthesia & Medical Emergencies in the Dental Office, R. John Brewer, NREMT-P, Four Points by Sheraton Pittsburgh North, Cranberry Township, PA
4:00 pm – 9:00 pm.
(5 CE Credits)
- Friday, April 26, 2013 – Current Scientific Evidence in Endodontic Therapy (DENTSPLY Tulsa Dental Specialists), William Nudura, DDS, MS, Hilton Garden Inn Pittsburgh/Southpointe, Canonsburg, PA
9:00 am – 4:00 pm.
(6 CE Credits)
- Thursday, September 19, 2013 – Geriatric and Special Needs Dentistry, Elaine H. Berkowitz, CDA, BS, DMD Doubletree Pittsburgh/Monroeville Convention Center, Monroeville, PA
5:30 pm – 8:30 pm.
(3 CE Credits)
- Thursday, November 21, 2013 – Sedation in the Office: Is this an Option for your Practice? Robert T. Lindner, DMD, PSOMS, Director of Office of Anesthesia Evaluations, and R. John Brewer, NREMT-P Pittsburgh Airport Embassy Suites, Coraopolis, PA
5:30 pm – 8:30 pm.
(3 CE Credits)

For more information or to register for our Speakers Series, please contact Dawn at 412-283-1413 or email dlewis@ads-endo.com