

Preventing and Treating Orofacial Trauma

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I would first like to thank the California Dental Association and Dr. Alan Felsenfeld, editor, for the honor and opportunity to be guest editor for the 2005 May and June issues of the *CDA Journal*. It is my goal to have these issues, dedicated to orofacial trauma, continue the tremendous history of serving the CDA with evidence-based information. I hope these issues will serve the membership with a solid reference for the prevention, diagnosis, and treatment of orofacial trauma.

It was very difficult determining which topics to include as we could only have a limited number of articles per issue. I did not want to leave out any specialty of dentistry as we are all so mutually dependent and supportive, and all very important in the treatment of trauma. So rather than choose topics, I selected several of the most influential dentists who have had a tremendous effect, inspiration, and stimulus on not only my academic life, but the lives of dentists throughout the world. Having the opportunity to publish and participate in sports dentistry at the amateur, collegiate (UCLA athletics) and professional levels, (Los Angeles Avengers arena football and the Los Angeles Galaxy soccer team); several Olympic Games and World Cups and Championships, I have been very fortunate to travel throughout the world and speak with many international dentists who have taught me a tremendous amount on the topic of trauma treatment and prevention. I would like to share these tremendously talented dentists with you.



Dr. René Fasel, Zurich, Switzerland, has been the International Ice Hockey Federation president since 1994. He is responsible for a closer contact with the professional organizations in North America and consolidated the relations between International Ice Hockey Federation and the National Hockey League. In 1998, he coordinated the NHL's top professional players to compete for the first time at the Olympic Games in Nagano. In 1995, Dr. Fasel was appointed the first ice hockey representative in history to the International Olympic Committee. In 1997, Dr. Fasel was commissioned by

the International Olympic to compile a study on the dental treatment of Olympic athletes at the University of Barcelona, thus emphasizing the need for international recognition of sports dentistry. Most recently, Dr. Fasel was named the chairman of the 2010 Vancouver Olympics Coordination



Guest Editor / Ray R. Padilla, DDS, has practiced in the East San Gabriel Valley for more than 20 years. He has worked with athletes in both the professional and amateur levels as a dentist for the Los Angeles Galaxy soccer team, Los Angeles Avengers Football team, UCLA Athletics, and as a consultant for the U.S. National Soccer Team.

Committee, and by the prestigious 2003 Sport Intern Newsletter, listed as the 13th most influential sports personality in the world.

Dr. Paul Piccininni, Toronto, Ontario, Canada, is recognized as one of the top international sports dentists in the world. As a world lecturer and member of the International Olympic Committee Medical Commission and the International Ice Hockey Federation Medical Commission, he has introduced sports dentistry to the medical community on a global level. It is because of his and International Olympic Committee member Dr. René Fasel's influence that the International Society of Dentistry, Sport and Trauma was founded in 2002. The purpose of this organization is to spread the word of sports dentistry worldwide. Dr. Piccininni is a clinical associate faculty member at the Department of Oral Medicine and Oral Diagnosis, University of Toronto, and a medical staff member at York University Sports Injury Clinic, Toronto, Canada. He presently is on the medical staff for the Canadian Football League's Toronto Argonauts, and York University, and maintains a private practice in Toronto.

Dr. Helen Cornwell, Newcastle, Australia, is a pediatric dentist with a special interest in the prevention, management and long-term consequences of dental trauma. As part of her specialty training at the University of Melbourne, she was an honorary post-graduate dental officer at the Royal Children's Hospital. She worked the 2000 Sydney Olympic Games and is currently an Australian representative to the International Society for Dentistry,

Sport and Trauma. She has also provided professional development for non-dental groups, including emergency department staff, maternal and child health nurses, speech pathologists, and early intervention team members while at the University of Melbourne.

Dr. Dave Kenny, Toronto, Ontario, Canada, is director of Dental Research and Graduate Studies, and senior associ-

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ate scientist at the Research Institute at The Hospital for Sick Children in Toronto. He is a professor of dentistry at the University of Toronto and research coordinator for dental services at the Bloorview MacMillan Children's Centre in Toronto. He is coauthor of "Wet Fingered Dentistry: Practical Advice from Experienced Dentists" published in 2002. An international lecturer, he has authored many articles on luxation and avulsion treatment. His most recent works are establishing new benchmarks in trauma research.

Dr. David Kumamoto, University of Chicago, received his dental degree from the University of Illinois, where he is currently a clinical associate professor in the Department of Restorative Dentistry and athletic team dentist for the University of Illinois at Chicago. Dr. Kumamoto is a fellow and past president of the Academy for Sports Dentistry. An international speaker, Dr. Kumamoto has authored many articles on trauma treatment and epidemiology of orofacial injuries. He is

chairman of the university's Senate Committee on Athletics and Recreation and a member of the Chicago Sports Medicine Society. He is currently Chicago regional director for "Project Mouthguard." He has served as an emergency dentist for the U.S. Olympic Committee and the 1994 World Soccer Cup. Dr. Kumamoto maintains a general dental practice in Chicago.

Dr. Yoshinobu Maeda, Osaka, Japan, is professor and head of the Division of Interdisciplinary Dentistry, Osaka University Faculty of Dentistry, Japan. Dr. Maeda has published articles and lectured on the topic of trauma treatment and prevention at many conferences,

and performs research on mouthguards, materials, and the epidemiology of sports related dental trauma. He is a member of the Japanese Academy of Sports Dentistry and the International Society for Dentistry, Sport and Trauma.

Dr. Pascal Magne, University of Southern California, was born in La Chaux-de-Fonds, Switzerland and received his doctoral dental degree in 1989 at the University of Geneva where he taught prosthodontics and operative dentistry until 1997. Awarded with major grants by the Swiss Science Foundation, the Swiss Foundation for Medical-Biological Grants, and the International Association for Dental Research, he spent two years as a full-time research scholar in biomaterials and biomechanics at the University of Minnesota between 1997 and 1999. Back at the University of Geneva, he received his PhD degree in 2002 and served as senior lecturer from 1999 to 2004. Since February 2004, he became associate professor at the University of Southern California where he also

serves as director of the Center for Esthetic Dentistry. An international speaker, he is the author of the textbook "Bonded Porcelain Restorations" as well as clinical and research articles on esthetics and adhesive dentistry.

Dr. Thomas von Arx, Berne, Switzerland, is on the medical faculty at the University of Berne, and has published more than 70 articles on endodontic surgery, guided-bone regeneration and dental traumatology. He is presently an associate professor and senior lecturer in the Department of Oral Surgery and Stomatology at the School of Dental Medicine at the University of Berne. He has been awarded the Kiwanis-Award for Dental Medicine from the University of Berne, and the Rudolf-Hotz Award from the Swiss Association for Pediatric Dentistry.

These two issues of trauma treatment and prevention will serve as a reference and update in our ever-growing attempt to provide the best dental care for our patients. Other sources we may seek in our search for knowledge are three organizations focusing on trauma treatment and prevention. These are the International Society for Dentistry, Sport and Trauma, the International Association of Dental Traumatology, and the Academy for Sports Dentistry. Each organization holds annual symposiums on trauma throughout the world. I invite you to seek out these organizations and further your knowledge of trauma treatment. Upcoming symposiums are planned this year in Miami, June 23-25 (<http://www.sportsdentistryiasd.org/images/datesaver.pdf>), and Montreal, Quebec, Canada, Aug. 26-28 (http://www.fdiworldental.org/microsites/montreal/congress4_26_eng.html, www.sportsdentistry.com).

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