

CURRICULUM VITAE

M. Ali DARENDELILER

BDS, PhD, Dip. Orth., Certif. Orth., Priv. Doc., MRACDS (Ortho), FICD.

Surname	DARENDELILER
Name	M. Ali
Place of birth	Amasya (Turkey)
Language	English, French, Turkish
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Address	Department of Orthodontics, Faculty of Dentistry University of Sydney, Sydney Dental Hospital, 2, Chalmers Street, Surry Hills, Sydney NSW 2010, Australia.

1. EDUCATION AND DEGREES

- 1970 - 1978 **High School of Galatasaray**
(French-Turkish Highschool), Istanbul, Turkey.
- 1978 - 1983 **DDS (Equivalent BDS)**
Faculty of Dentistry, University of Istanbul, Istanbul, Turkey.
- 1983 - 1985 **Doctorate courses in orthodontics (First leg of the PhD Degree)**
Faculty of Dentistry, University of Istanbul, Istanbul, Turkey.
(Part 1 of PhD; Part 2 completed 1991-1993)
- 1985 - 1988 **Certificate in Orthodontics**
School of Dentistry, University of Geneva, Switzerland.
(Speciality training in Switzerland)
- 1991 - 1993 **PhD (Continuation from 1985)**
Faculty of Dentistry, University of Gazi, Ankara, Turkey.
- 1993 **Specialist in Orthodontics (Dip. Orthod)**
Faculty of Dentistry, University of Gazi, Ankara, Turkey.
(Speciality training in Turkey - additional examination and thesis)
- 1995 **Privat Docent (Equivalent DDSc)**
"High Education Council", Ankara, Turkey.
- 1998 **Privat Docent (Fulfilled all the requirements to be appointed)**
University of Geneva, Geneva, Switzerland.
- 2009 **FICD** Fellow of International College of Dentists
- 2011 **MRACDS (Orth)**
Royal Australian College of Dental Surgeons

2. PROFESSIONAL APPOINTMENTS

- 1983 - 1985 **Post-graduate student**
 (Part 1 of PhD; Part 2 completed 1991-1993)
 Department of Orthodontics, Faculty of Dentistry,
 University of Istanbul, Istanbul, Turkey.
- 1985 - 1988 **Post-graduate student**
 Department of Orthodontics and Pedodontics, School of
 Dentistry,
 University of Geneva, Switzerland.
- 1988 - 1990 **Clinical Instructor**
 Department of Orthodontics and Pedodontics, School of
 Dentistry,
 University of Geneva, Switzerland.
- 1990 - 1991 **Visiting Assistant Professor**
 Department of Orthodontics, School of Dentistry,
 University of North Carolina, Chapel Hill, U.S.A.
- 1991 - 1993 **PhD student**
 Department of Orthodontics, Faculty of Dentistry,
 University of Gazi, Ankara, Turkey.
- 1993 - 1995 **Postgraduate Teaching and Research Coordinator
 (Maître d'Enseignement et de Recherche)**
 Department of Orthodontics and Pedodontics, School of
 Dentistry,
 University of Geneva, Switzerland.
- 1995 - 2002 **Research Collaborator and Visiting Instructor**
 Department of Orthodontics and Pedodontics, School of
 Dentistry,
 University of Geneva, Switzerland.
- 1996 - 1996 **Research Professor**
 Department of Orthodontics, School of Dentistry,
 University of Southern California, U.S.A. (February to July)
- August 1996 - July 1997 **Associate Professor**
 Discipline of Orthodontics, Faculty of Dentistry,
 University of Sydney, Australia. (Appointed 8/96)
- January 1997 - present **Head of Discipline**
 Discipline of Orthodontics, Faculty of Dentistry,
 University of Sydney, Australia.

- August 1997 - present **Professor and Chairman - Head of Discipline**
Discipline of Orthodontics, Faculty of Dentistry,
University of Sydney, Australia.
- August 2001 - present **Head of Department of Orthodontics (Sydney Dental
Hospital)**
Department of Orthodontics, Sydney Dental Hospital,
Sydney Local Health Services.
- April 2009 - 2012 **Honorary Professor**
Department of Orthodontics
Dental School
University of Hong Kong, Hong Kong, China
- January 2010- 2013 **Visiting Professor**
Department of Orthodontics
Faculty of Dentistry
Mahidol University, Bangkok
Thailand
- September 2018- present **Visiting Professor**
Department of Orthodontics
Dental School
University of Airlangga, Surabaya, Indonesia
- October 2018- present **Honorary Professor**
Department of Dentistry and Oral Health
University of Aarhus, Aarhus, Denmark

3. SOCIETY AND ORGANIZATION MEMBERSHIP

- Australian Society of Orthodontists (ASO)
- Australian Dental Association (ADA)
- Australian Begg Orthodontic Society (ABOS)
- American Association of Orthodontics (AAO)
- World Federation of Orthodontics (WFO)
- European Orthodontic Society (EOS)
- Turkish Orthodontic Society (TOS)
- Association des Anciens Assistants d'Orthodontie et de Pédodontie, Université de Genève

4. JOURNAL REFEREE and EDITORIAL BOARD MEMBER

a. Referee

- American Journal of Orthodontics and Dentofacial Orthopedics
- Angle Orthodontist
- Australian Orthodontic Journal
- Australian Dental Journal
- European Journal of Orthodontic
- European Journal of Oral Sciences
- Sleep and Breathing
- Journal of Dental Research
- Journal of Orthodontics
- Journal of Biomechanics
- Indian Journal of Dental Research
- International Journal Environ. Res. Public Health
- Lasers in Medicine
- Archives of Oral Biology
- Annals of Biomedical Engineering

b. Editorial Board Member

- European Journal of Orthodontics
- Australasian Orthodontic Journal
- Orthodontics and Craniofacial Research (former)
- European Journal of Dentistry
- World Journal of Orthodontics (former)
- Turkish Journal of Orthodontics
- Hellenic Orthodontic Review
- Progress in Orthodontics (former Associate Editor)

5. COMMITTEE MEMBERSHIPS

Faculty of Dentistry:

- School Leadership Group (SLG)
- Research Committee

State of New South Wales:

- Keith Godfrey Visiting Professor (KGVP) Committee
- Sydney Orthodontic Alumni (Founder and Patron)
- Education Committee

National:

- Education Committee (Australian Society of Orthodontists)

International:

- Co-Chair; Scientific Programme - 2010 World Federation of Orthodontists Meeting Sydney
- Task Force Member for Guidelines for Postgraduate Studies, WFO
- President, World Implant Orthodontic Congress, 2012
- Advisory Committee Member of the World Implant Orthodontic Association

6. AWARDS

A. International Recognition

- Burstone Lecture, University of Connecticut
- Vasavi memorial Lecture (IOS)
- Distinguished Service Award (Australian Society of Orthodontics - ASO) - Long Service to the ASO & Association. Awarded to only 32 members to date.
- Gery Dickonson memorial Lecture (ASO)
- R. Begg Award (ASO): The Society's most prestigious award for an outstanding original research paper, or series of papers, with significance to orthodontics. Awarded to only 7 people to date.
- Sheldon Friel Memorial Lecture (EOS) : Highest recognition from the European Orthodontic Society and awarded once a year to a clinician / researcher for his/her significant scientific contribution. First Australian to receive this award.

B. Research Study Awards

a. International

- . Tom Graber Research Award (American Association of Orthodontists), 2005; Only international institution / study receiving the award outside North America.
- . Houston Best Research Award (European Orthodontic Society), 2009; Only one study per year receives this award.
- . Houston Award Finalist (EOS), 1994, 2006, 2011,
- . Houston Best Research Poster Award (EOS), 2012, 2013;
 - Only one study per year awarded.
- . Best Poster Display (EOS), 2018; Only one study per year awarded.

b. National (*Research Study Awards continued*)

- 1990 Prize of the "Best Research Study", University of Geneva, "Association des Anciens Etudiants de l'Ecole de Médecine Dentaire".
- 2002 - Prize for the Elsdon Storey Research Essay to Dr Teriko Rex. Awarded by the Australian Society of Orthodontists for the best research study in Australia. Only one study per year receives this award.
 - Prize for the Elsdon Storey Research Essay Special Merit Award to Dr Eugene Chan
- 2003 - Prize for the Elsdon Storey Research Essay to Dr Daniel Ngan Awarded by the Australian Society of Orthodontists for the best research study in Australia.
 - Prize for the Elsdon Storey Research Essay Special Merit Award to Dr James Choi
- 2004 Prize for the Elsdon Storey Research Essay to Dr Deborah Harris Awarded by the Australian Society of Orthodontists for the best research study in Australia.
- 2005 - Prize for the Elsdon Storey Research Essay to Dr Laura Barbagallo Awarded by the Australian Society of Orthodontists for the best research study in Australia.
 - Prize for the Sam Buckley Rocky Mountain Orthodontic Travelling Fellowship to Dr Sivabalan Vasudavan
- 2007 Prize for the Elsdon Storey Award to Dr Sheyn Deane. Awarded by the Australian Society of Orthodontists for the best research study in Australia.
- 2007 - Prize for the Elsdon Storey Special Merit Award (Special Research Award) -
-Second Best Research Award to Dr Elaine Lim
- 2008 Prize for the Distinguished Service Award to Professor M Ali Darendeliler, 21st ASO Congress, Gold Coast

- 2008 Prize for the Elsdon Storey Award to Dr Gosia Barley
Awarded by the Australian Society of Orthodontists for the best research study in Australia.
- 2008 Prize for the Best Treated Case Award to Dr Elaine Lim
- 2008 Prize for the Best Poster Award to Dr Sheryn Deane
- 2008 Prize for the Postgraduate Clinical Research Award (Given to the Department for Excellence in Clinical Research)
- 2008 International Merit Scholarship
Dr Nour Eldin Tarraf (2006, 2007, 2008)
- 2008 Wrigley Prize for Best Overall Postgraduate Performance during the duration of the MSc Course
Dr Nour Eldin Tarraf
- 2009 DENTSPLY Prize for best DCLinDent Research Presentation awarded to Dr Sarah Neitzert - Faculty of Dentistry Research Day, University of Sydney
- 2010 DENTSPLY Prize for best DCLinDent Research Presentation awarded to Dr Angie Phelan - Faculty of Dentistry Research Day, University of Sydney
- 2012 Yeung Park Award for Best Postgraduate Research presented at the WIOC 2012 Meeting awarded to Dr Jippy Buck, Sydney, Australia.
- 2012 DENTSPLY Prize for best DCLinDent Research Presentation awarded to Dr Sabrina Michael - Faculty of Dentistry Research Day, University of Sydney
- 2013 Sam Bulkley AB Orthodontics Travelling Fellowship awarded to Dr Rajiv Ahuja
- 2013 Faculty Research Day DCLinDent Research Prize awarded to Dr Wiraya Mongkolsawan
- 2014 AOB Student Case Presentation prize (first prize) awarded to Dr Wiraya Mongkolsawan
- 2014 DENTSPLY prize awarded to 2013 graduate, Dr Wiraya Mongkolsawan - Faculty of Dentistry "Recognition of Excellence in Teaching and Learning" 2014 Prize Awards Ceremony, University of Sydney
- 2014 John Reading Student Award to Dr Carolyn Ng - ASO Clinical Day 2014.
- 2014 ORAL B PhD-MPhil Research Presentation awarded to Dr Peter Hoang - Faculty of Dentistry Research Day, University of Sydney
- 2014 - DENTSPLY 1st Prize for best DCLinDent Research Presentation awarded to Dr Carolyn Ng - Faculty of Dentistry Research Day, University of Sydney
- DENTSPLY 2nd place/Honorable mention DENTSPLY Prize for best DCLinDent Research Presentation to Dr Jenkin Chiu - Faculty of Dentistry Research Day, University of Sydney
- 2015 Prize for the Elsdon Storey Award to Dr Jenkin Chiu
Awarded by the Australian Society of Orthodontists for the best research study in Australia)

- 2016 Prize for the Elsdon Storey Award to Dr Braydon Patterson
Awarded by the Australian Society of Orthodontists for the best research study in Australia.
- 2016 ASOFRE Sam Bulkley AB Orthodontics Travelling Fellowship awarded to Dr Doreen Ng
- 2016 ABSO Postgraduate Clinical Case Award to Dr Emmanuel Chan
- 2018 Faculty of Dentistry Research Award to Dr Laura Leask for best research Presentation
- 2019 Prize for the Elsdon Storey Award to Dr Simone Mustac
Awarded by the Australian Society of Orthodontists for the best research study in Australia)

**C. Best Performing Postgraduate Student in Australia Award
(The Milton R. Sims Award - Initiated in 2004 - Biennial Award)**

- 2004 Dr Eugene Chan, University of Sydney
- 2006 Dr Daniel Ngan, University of Sydney
- 2008 Dr Laura Barbagallo, University of Sydney
- 2010 Dr Lam L Cheng, University of Sydney
- 2012 Dr Angie Phelan, University of Sydney
- 2018 Dr Doreen Ng, University of Sydney

7. RESEARCH GRANTS

7.1 Grants received :

Year	Topic - Authors - Funding Body	Amount (\$)
1990-1991	Research Grant from "Swiss National Foundation of Research"	54,470
1991	Research Grant from "University of Geneva, Orthodontic Alumni Association"	9,705
1996	Research Grant from "University of Geneva, Orthodontic Alumni Association"	9,226
1997	Research Grant from "University of Sydney" (Seeding Grant)	12,000
1997	"Optimal frequency and cumulative exposure of application and potential clinical implications of laser radiation on orthodontic tooth movement" Ho, Coombe, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	2,000
1997	"Reliability of Panoramic Radiographs in Linear and Angular Measurements" Stramotas, Geenty, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,000
1997	"Cell Structure Re-Organisation in Relation to the Adaptation of Vascular Networks" Poon, Hunter, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,000

1997	"The integrity of the periodontal ligament in response to trauma" Fong, Hunter, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,000
1997	"Treatment of Snoring and obstructive sleep apnoea with a mandibular advancement splint" Mehta, Cistulli, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,500
1997	"A morphological and molecular analysis of the dispersion of the epithelial root sheath" Barry, Hunter, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	2,500
1997	"Physical Properties of Root Cementum" Clark, Darendeliler, Hunter Research Grant from "Australian Society of Orthodontists Research Foundation"	1,000
1997	"The effects of Disinfection on the Physical Properties of Human Premolar Enamel" Leelahakriengkrai, Darendeliler, Swain Research Grant from "Australian Society of Orthodontists Research Foundation"	600
1997	"Do basement membrane proteins influence the revascularization network after acute injury". Garton, Darendeliler, Sims, Hunter Research Grant from "Australian Society of Orthodontists Research Foundation"	2,000
1998	Establishment and Major Equipment grant from the Health Sciences	40,000
1998	Establishment and Major Equipment grant from the Faculty of Dentistry	25,000
1998	Overseas Conference Travel Grants	1,200
1998	Project Grant - Faculty of Dentistry Research Committee	5,000
1998	Project Grant Information Technology Committee - Faculty of Dentistry	3,200
1998	"A morphological and molecular analysis of the dispersion of the epithelial root sheath" Barry, Hunter, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	2,500
1998	" Treatment of Snoring and obstructive sleep apnoea with a mandibular advancement splint" Mehta, Cistulli, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	500
1998	" The effect of the MAS therapy on daytime functioning in OSA Syndrome" Leung, Cistulli, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,700

1998 - 1999	" The integrity of the periodontal ligament in response to trauma" Fong, Hunter, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,950
1998	" Cell Structure Re-Organisation in Relation to the Adaptation of Vascular Networks" Poon, Hunter, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,700
1998 - 1999	" Optimal frequency and cumulative exposure of application and potential clinical implications of laser radiation on orthodontic tooth movement" Ho, Coombe, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	4,200
1998	" Evaluation of the amount of root resorption in patients treated using three different ligation and fixed appliance techniques by the means of video imaging system" Stramotas, Geenty, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	500
1998-2000	"Physical properties changes of human premolar cementum after the application of orthodontic forces "Malek, Darendeliler, Swain, Cockayne, Tyler. Research Grant from "Australian Society of Orthodontists Research Foundation"	3,400
1999	"Effect of mandibular advancement splint design on Treatment outcome in obstructive sleep apnoea" Pitsis, Darendeliler Research Grant from "Australian Society of Orthodontists Research Foundation"	1,500
1999	"A new diagnosis method of dental and skeletal malocclusions without using Cephalometric" Moate, Darendeliler, Geenty Research Grant from "Australian Society of Orthodontists Research Foundation"	1,200
1999	"Influence of surgically assisted maxillary expansion in sleep apnoea patients" Hammond, Darendeliler, Cistulli Research Grant from "Australian Society of Orthodontists Research Foundation"	1,500
1999	"Distraction Osteogenesis: Design of Mandibular Self-Distracting Bone Device Using Magnets" McKenzie, Darendeliler, Swain, Poole Research Grant from "Australian Society of Orthodontists Research Foundation"	3,000
1999	Major Equipment Grant University of Sydney	50,000
1999 - 2001	"Change of physical properties in human premolar teeth after the application of orthodontic forces" Srivicharnkul, Darendeliler, Swain, Cockayne, Tyler	3,050

	Research Grant from "Australian Society of Orthodontists Research Foundation"	
2000-2001	"Provision and cost of orthodontic services provided in private practice by general practitioners versus specialist orthodontists for an insured population in New South Wales" Sivanswaran, Darendeliler	5,500
	Research Grant from "Australian Society of Orthodontists Research Foundation"	
2000-2001	Evaluation of the dental, skeletal and soft tissue effects of the bonded Twinblock appliance" Lalli, Darendeliler	3,600
	Research Grant from "Australian Society of Orthodontists Research Foundation"	
2000-2001	"Evaluation of the dental, skeletal soft tissue effects of the bonded magnetic activator device II (Mad II)" Armstrong, Darendeliler, Taylor, Geenty. Research Grant from	5,500
	"Australian Society of Orthodontists Research Foundation"	
2000-2001	"Physical property changes of human premolar cementum after application of light versus moderate versus heavy orthodontic forces" Chan, Darendeliler, Swain, Tyler	1,900
	Research Grant from "Australian Society of Orthodontists Research Foundation"	
2000-2001	"The biology of the periodontium in the context of orthodontic manipulation" Rex, Darendeliler	3,800
	Research Grant from "Australian Society of Orthodontists Research Foundation"	
2001	"Distraction Osteogenesis: Design of Mandibular Self-Distracting Bone Device Using Magnets" McKenzie, Darendeliler, Swain, Poole. Research Grant from "Australian Society of Orthodontists"	2,200
2001	"Cellular and molecular control of root resorption following tooth movement" Low, Darendeliler, Gibbins	1,000
	Research Grant from "Australian Society of Orthodontists Research Foundation"	
2001	"Negative regulation of bone remodelling during tooth movement, its role in root resorption" Ngan, Darendeliler, Gibbins. Research Grant from "Australian Society of Orthodontists"	1,000
2001	"Resolution of chirality during palatal midline" fusion Chutimanutskul, Gibbins, Darendeliler. Research Grant from "Australian Society of Orthodontists Research Foundation"	1,000
2001	"Role of FGFR2 in EMT during embryonic midline palatal fusion Role of FGFR2 in EMT during embryonic midline palatal fusion" Choi, Gibbins, Darendeliler. Research Grant from "Australian Society of Orthodontists"	1,000
2001	"Good Neighbour" Category, IDF Grants Klineberg, Darendeliler	4,060

2001	Special Research Grant from Research Grant from "Australian Society of Orthodontists"	3,000
2002	"Cellular and Molecular Control of Root Resorption following Orthodontic Tooth Movement" Low, Kharbanda, Darendeliler. Sesqui NSSS Grant	25,000
2002	"Special Research Grant" from "Australian Society of Orthodontists Research Foundation" Kharbanda, Darendeliler	17,000
2003	Micro CT-Scan LIEF (6 Department from the Uni of Sydney)	445,000
2003	Darendeliler. Research Grant from "Australian Society of Orthodontists"	9,700
2003	Faculty of Dentistry Research Grant "The effect of systemic fluoride intake on root resorption" Foo M, Jones A, Darendeliler MA	2,770
2003	Faculty of Dentistry Research Grant "The effects of vibrating mechanical stimulus and pulsed electromagnetic field on orthodontic tooth movement" Zea, Zoellner, Darendeliler	1,884
2004	Darendeliler. Research Grant from "Australian Society of Orthodontists"	14,750
2004	NHMRC Project Grant "Prediction of Oral Appliance Treatment Outcome in Obstructive Sleep Apnoea" Cistulli, Darendeliler, Gotsopoulos, Deane	274,950
2004	Darendeliler, Arora "Special Grant - Australian Society of Orthodontists"	8,000
2005	Swain, Fleming, Darendeliler, McIntosh, Law "ARC - Linkage	267,992
2005	Shen, Darendeliler, Deane "ASO Special Grant" Darendeliler et al. Research Grant from "Australian Society of Orthodontists"	18,100
2005	Shen, Deane, Darendeliler, Cistulli "Special Grant - Australian Society of Orthodontists"	15,000
2006	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	17,500
2006	Australian Dental Research Foundation Inc The extent of root resorption after the application of continuous and controlled orthodontic forces for 12 weeks using micro-CT scan Paetyangkul, Darendeliler, Alatli-Burt	3,000
2006	Australian Dental Research Foundation Inc Comparison of the effects of continuous versus intermittent controlled orthodontic forces on the amount of root resorption using micro-CT scan Ballard, Darendeliler, Alatli-Burt	3,500
2006	Australian Dental Research Foundation Inc Repair of root resorption four and eight weeks following the	4,000

	application of continuous and controlled light and heavy forces for 4 weeks: A micro-CT and histology study	
	Cheng, Darendeliler, Alatli-Burt	
2006	Dental Board of New South Wales	7,900
	The development of new orthodontic bracket to allow repositioning on the tooth surface	
	Armstrong, Darendeliler	
2006	Australian Dental Board of New South Wales	6,500
	A quantitative comparison of mineral composition of rat molar cementum root resorption craters following exposure to systemic fluoride	
	Lim, Darendeliler, Arora	
2006	Special Research Grant - Australian Dental Research Foundation Inc	7,500
	The biological mechanism of growth factor PCNA in regulating the phenotypic conversion of chondrocytes during condylar apat remodelling	
	Shen, Darendeliler	
2006	Dental Board of New South Wales	3,500
	The rate of tooth movement and alveolar bone remodelling under heavy and light continuous orthodontic forces studied with a 3D finite element model	
	Yee, Darendeliler	
2006	The effects of combined systemic Glucosamine Sulphate and Chondroitin Sulphate supplements on condylar remodelling during functional appliance therapy	3,500
	Kluczevska, Shen, Darendeliler	
2006	Research Grant from "Australian Society of Orthodontists"	20,000
	Darendeliler et al.	
2006	Australian Dental Board NSW	5,500
	The role of L-Sox5 in chondrogenic differentiation of mesenchymal cells during adaptive remodelling of condylar cartilage	
	Shen, Darendeliler	
2006	Australian Dental Board of NSW	4,000
	The effects of combined systemic Glucosamine and Chondroitin Sulphate supplements on condylar remodelling during functional appliance therapy. A Micro-CT and immunohistochemistry study.	
	Tan, Darendeliler	
2006	Australian Dental Board of NSW	2,500
	Orthodontic tooth movement on a rat model: Testing the effects of heavy and light orthodontic forces and the preventive effects of casein phosphopeptides and glucosamine and chondroitin sulphate on tooth movement and root resorption	

	Crowther, Darendeliler	
2007	TIES Grant: 3D photography and scanner Unit	73,625
	Darendeliler, Rappaport	
2007	NHMRC Project Grant: A Randomised Controlled Trial of CPAP versus Oral Appliance in Obstructive Sleep Apnoea	400,635
	Cistulli, Darendeliler, Grunstein	
2007	Research Grant from "Australian Society of Orthodontists"	20,000
	Darendeliler et al.	
2007	Australian Dental Board of NSW The extent of root resorption after the application of light and heavy controlled rotational orthodontic forces for 4 weeks-A Mico-CT study	3,500
	Wu, Darendeliler	
2007	Australian Dental Board of NSW The extent of root resorption after the application of 15 degrees tip, 15 degrees torque and 225g rotating orthodontic force for 4 weeks- A Micro CT study	3,500
	Neitzert, Darendeliler	
2007	Australian Dental Board of NSW The extent of root resorption after the application of 2.5 degrees and 15 degrees torquing orthodontic force for 4 weeks-A Micro CT study	3,500
	Bartley, Darendeliler	
2007	Australian Dental Board of NSW The extent of root resorption after the application of 2.5 degrees and 15 degrees tipping orthodontic force for 4 weeks-A Micro CT study	3,500
	King, Darendeliler	
2007	Australian Dental Board of NSW A study of combined Glucosamine Sulfate and Chondroitin Sulfate systemic supplements influence on tooth movement and root resorption	3,500
	Tarraf, Darendeliler	
2007	ASO Special Research Grant Pubertal growth stage prediction through salivary testing	16,000
	Darendeliler MA, Kluczevska, Darendeliler F	
2008	Research Grant from "Australian Society of Orthodontists"	20,000
	Darendeliler et al.	
2008	Special Grant from " Australian Society of Orthodontists"	22,000
	Nase ud Din, Sampson, Dryer, Darendeliler	
2008	LIEF Grant; A Multi-Resolution X-ray Microtomography Facility (NanoCT & MicroCT) for Non-Destructive 3D Characterisation Dr Allan S. Jones, Prof. Ali M. Darendeliler, Prof. Michael	1,000,000

Swain, Dr Daniela Traini, Dr Paul Young, Prof. Des R. Richardson, Dr Qing Li, A/Prof. Itai Einav, Dr Julie Cairney, Prof. Christopher R. Murphy, Prof. Simon P. Ringer, Prof. Markus J. Seibel, Dr Hong Zhou, Prof. Iqbal Mohammed Ramzan, Prof. Paul R. Munroe, Prof. Michael Archer, Dr Suzanne Hand, Dr Yuebin Zhang, Prof. Bruce K. Milthorpe, A/Prof. Xiaolin Wang, A/Prof. Anthony F. Masters

2009	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	12,000
2009	Special Grant from " Australian Society of Orthodontists" Dalci, Darendeliler	10,000
2010	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	13,000
2011	Research grant from ADRF: Genetic Profile of Orthodontic Root Resorption. Dalci, Darendeliler et al	7,800
2011	Research grant from Australian Dental Research Fund: Gingival Crevicular Fluid and Orthodontic Root Resorption. Dalci, Darendeliler et al	7,000
2011	Research grant from Australian Dental Research Fund: The Effect of Mechanical Vibration on Root Resorption following the application of light orthodontic force - A micro CT study; and the effect of mechanical vibration on rate of tooth movement. Darendeliler	3,500
2011	The Effect of Calcium Phosphate Bone Cements on the Mechanical Properties of Orthodontic Skeletal Anchorage Devices In-Vitro; The Sydney Orthodontic Anchorage Screw	8,000
2011	Multimodal Phenotyping for the Prediction of Oral Appliance Treatment Outcome in OSA NHMRC Grant	507,000
2011	ASO Special Research Grant: Saliva and blood composition and chemistry and pH associated with physiological root resorption in unerupted third molar teeth. Dalci, Darendeliler	12,175
2012	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	12,000
2012	ASO Special Research Grant: The application of skeletal anchorage in the treatment of maxillary deficiency in growing children. Darendeliler et al	25,000
2013	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	12,000
2013	Research grant from Australian Dental Research Fund: Vibration Enhanced Orthodontics: An in-bitro characterization. Darendeliler et al	5,500
2014	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	13,000

2014	NSW Medical Devices Fund - The retentive capabilities of the Sydney Miniscrew in an oral environment: a study in Minipigs	50,236
2014	Research grant from Australian Dental Research Fund: Comparison of facial characteristics between adolescent orthodontic patients prior to treatment and their parent. Darendeliler et al	2,400
2015	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	13,000
2015	Research Grant from "Australian Society of Orthodontists" Australian Society of Orthodontics Foundation Research & Education - 3M Unitek Postgraduate Clinical Research Award, Darendeliler et al.	1,000
2015	Research grant from Faculty of Dentistry / University of Sydney: Bone Regeneration Studies, Darendeliler et al	126,000
2016	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	18,000
2016	Research Grant from ASOFRE / Sam Bulkley, AB Orthodontics Travelling Research Fellowship. Dr Doreen Ng	7,500
2016	Research grant from Faculty of Dentistry / University of Sydney for DclinDent Orthodontic Research Project: Effect of micro-osteoperforation on rate of tooth movement. Dr Jessica Li, Darendeliler MA	1,500
2016	Research grant from Faculty of Dentistry / University of Sydney for DclinDent Orthodontic Research Project:	1,500
2017	Effects of laser therapy on orthodontic root resorption and tooth movement with a shortened LLLT protocol.	
2017	Dr Simone Mustac, Darendeliler MA	18,000
2017	Research Grant from "Australian Society of Orthodontists" Australian Society of Orthodontics Foundation Research & Education - 3M Unitek Postgraduate Clinical Research Award, Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	1,000
2018	ASO Special Research Grant: The application of skeletal anchorage in the treatment of maxillary deficiency in growing children. Tarraf N, Darendeliler MA	29,025
2018	Research Grant from "Australian Society of Orthodontists" Darendeliler et al.	24,000
2018	Australian & New Zealand Association of Oral & Maxillofacial Surgeons (ANZAOMS) Research Grant: Changing faces, changing lives? A preliminary investigation of the social outcomes of orthognathic surgery. Lim L, Ashton-James C, Peck C, Darendeliler MA , Dalci O, Papadopoulou A, Tsakiris P.	5,200
2018	ASOFRE Special Research Grant: Public awareness level of sleep apnoea in Europe and Italy. Ng D, Darendeliler MA	4,100
	Research Grant from "Australian Society of Orthodontists"	

2018	ASOFRE Special Research Grant: Perception of orthodontic treatment performed by general dentists. Wishney M, Darendeliler MA. Research Grant from "Australian Society of Orthodontists.	6,600
2018	ASOFRE Special Research Grant: 'The effects of mechanical vibration on orthopaedic appliance therapies at different stages of skeletal maturity.' L Cheng; Darendeliler MA; O Dalci	38,800
2018	ASOFRE Special Research Grant: 'Invisalign Teen with Mandibular Advancement.' Dalci O; Darendeliler MA; Cheng L.	34,398
2019	Research Grant from "Australian Society of Orthodontists" Darendeliler MA et al.	24,000
2019	The Effect of Three Different Maxillary Expansion Devices on buccal alveolar bone as measured on CBCT. Faculty of Dental Research Funding for DMD/DClinDent Research	5,000
2019	ADRF Grant: "Comparison between proprietary and generic orthodontic brackets with regard to cell toxicity". Wishney M; Darendeliler MA; Zoellner H.	3,000
Total		\$4,081,201

8. TEACHING AND MATERIAL SUPPORT FROM COMPANIES

Year	Funding Body	Amount (\$)
1997	A.J.Wilcock	48,000
1997	Strite Industries	23,717
1997	3M-Unitek	13,728
1997	Ormco	4,560
1997	Rudolf Gunz	4,654
1997	Dentaurum	1,406
1998	Strite Industries	11,000
	Ormco	1,400
1999	Strite Industries	22,000
1999 - 2001	3M - Unitek	65,000
2000	Strite Industries	69,160
2001	Strite Industries	72,462
	Ormco	21,969
2002	Strite Industries	8,050
2002	AB Orthodontics / Rocky Mountain	101,851
2003	Strite Industries	9,316
2003	Ormco	3,058
2003	3M - Unitek	1,600
2004	TP - Australia	10,000
2004	3M - Unitek	10,510
2004	Strite Industries	10,245

2004	Ormco	24,114
2005	3M - Unitek	20,000
2005	Strite Industries	16,142
2005	Dentaurum	972
2005	Dolphin Support Contract 2005-2007	2,970
2006	SomnoMed	1,170
2006	Gunz	230
2006	Ormco	1,179.30
2006	Strite Industries	6,100
2006	3M Unitek	5,880
2006	Dentaurum	121.68
2007	3M Unitek	24,396.77
2007	GAC	16,265
2007	Dentaurum	22,920
2007	Speed	4,212
2007	Invisalign	24,000
2007	AB Orthodontics	5,000
2008-2009	AB Orthodontics	2,865.55
2008-2009	3M Australia P/L	1,321.97
2008-2009	Strite Industries	31,220.75
2008-2009	GAC Australia	7,831.43
2008-2009	American Orthodontics	3,213.67
2008-2009	Binder Dental	11,204.50
2008-2009	ORMCO	5,676.05
2008-2009	Dentaurum	12,497.30
Total (Not Updated Since 2009)		762,219.97

9. TEACHING EXPERIENCE

9.1 Undergraduate dental

1983-1985 Department of Orthodontics, Faculty of Dentistry,
University of Istanbul, Istanbul, Turkey.

1. Clinical teaching: Seminars and clinical instruction in various topics in orthodontics for fourth and fifth year students.
2. Laboratory: Technique course in wire bending, removable appliance construction and model trimming and for third and fourth year students.

1985-1990 Department of Orthodontics and Pedodontics, School of Dentistry,
University of Geneva, Geneva, Switzerland.

3. Lectures on biomechanics and the use of functional appliances for fourth and fifth year students.
4. Clinical teaching : Seminars and clinical instruction in all areas of orthodontics for fourth and fifth year students.
5. Laboratory : technique course for third year students.

Instructional material prepared on specific topics:

- Down's Syndrome (July 1986)
- Levelling (November 1986)
- Cephalometric norms in African Americans (November 1986)
- Forces and tooth movements (May 1987)
- Herbst Appliance (May 1987)
- Revision of wires and basic theories (November 1987)
- Begg technique (March 1988)
- Orthodontics and Magnetism (November 1988)

1990-1991 Department of Orthodontics, School of Dentistry,
University of North Carolina, Chapel Hill, U.S.A.

6. Laboratory instruction for third year students in wire-bending, removable appliance construction and model trimming.

1991-1993 Department of Orthodontics, Faculty of Dentistry,
University of Gazi, Ankara, Turkey.

7. Clinical teaching : Seminars and clinical instruction in all areas of orthodontics for fourth and fifth year students.

1993-1995 Department of Orthodontics and Pedodontics, School of Dentistry,
University of Geneva, Geneva, Switzerland.

8. Lectures on biomechanics, orthopaedic treatment concepts and current techniques for fourth and fifth year students.
9. Clinical teaching: Seminars and clinical instruction in all areas of orthodontics for fourth and fifth year students.
10. Third year course coordinator.

1997-2004 Discipline of Orthodontics, Faculty of Dentistry,
University of Sydney, Sydney, Australia.

11. Lectures on biomechanical principles of orthodontic tooth movement, retention and relapse following treatment, temporomandibular joint dysfunction and understanding of maturational changes of dentofacial region, treatment of different types of malocclusions.
12. Laboratory instruction for fourth year students in wire bending, removable appliance construction and band placement.

13. Fourth and fifth year course coordinator for orthodontics. (1999 -2003).

9.1 Graduate dental (BDent)

2001-2008 Discipline of Orthodontics, Faculty of Dentistry,
University of Sydney, Sydney, Australia.

- 1 Lectures on biomechanical principles of orthodontic tooth movement, retention and relapse following treatment, understanding of maturational changes of dentofacial region, treatment of different types of malocclusions, obstructive sleep apnoea.
- 2 Bdent 2, 3 and 4 course coordinator for orthodontics.

9.2 Postgraduate Orthodontics

1987-1990 Department of Orthodontics and Pedodontics, School of Dentistry,
University of Geneva, Geneva, Switzerland.

1. Seminar / Course :
 - Different types of fixed orthodontic appliances and their applications.
 - Magnetic forces and their applications in orthodontics and dento-facial orthopedics.
 - Typodont course on Edgewise, Straight-wire and Speed technique.
2. Clinical teaching:
 - Instruction on fixed appliances.
 - Magnetic Appliance Clinic (patient selection, treatment planning, appliance design, instructions for technicians).
3. Laboratory : Construction of magnetic appliances.

1991-1993 Department of Orthodontics, Faculty of Dentistry,
University of Gazi, Ankara, Turkey.

4. Seminars on the use of different types of fixed (Speed system, straight wire), removable and functional appliances.
5. Clinical teaching on the use of different appliances in orthodontics.

1993-1995 Department of Orthodontics and Pedodontics, School of Dentistry,
University of Geneva, Geneva, Switzerland.

6. Postgraduate course coordinator.
7. Courses and seminars on diagnostic and treatment in orthodontics and dento-facial orthopaedics; basic theories of bone histology and physiology.
8. Clinical teaching on the use of fixed appliance therapy (standard Edge-wise, straight wire, Speed system), removable and functional appliances.
9. Clinical applications on magnetic forces, constant forces and maxillary expansion.

1996 Department of Orthodontics, School of Dentistry,
 University of Southern California, Los Angeles, U.S.A.

10. Seminars on maxillary expansion, constant magnetic force applications, functional and orthopaedic treatment, biological implications of static and pulsed electromagnetic fields.

1997-2014 Discipline of Orthodontics, Faculty of Dentistry,
 University of Sydney, Sydney, Australia.

11. Postgraduate Course Director. Please refer to the **MDS**, **DClinDent Postgraduate Programmes Since 1997**. Postgraduate Orthodontic Programme, University of Sydney was fully accredited by the Australian Dental Council in 1999, 2004, 2008 and 2013.

10. RESEARCH

FIELDS OF SPECIAL INTEREST:

- Orthodontic Root Resorption
- Orthodontic Tooth Movement
- Clinical use of magnets in orthodontics.
- Treatment of Snoring and Sleep Apnoea using mandibular advancement splints.
- Functional Orthopaedic Appliances./ Clinical / Animal / Biological research.
- Biological effects of magnetic fields
- Constant and continuous forces on the search for the "ideal" tooth movement.
- Maxillary expansion : force levels and effects.
- Effects of soft laser on cells.
- Effects of chronic exposure of electromagnetic fields upon DNA and health.
- Distraction Osteogenesis.
- Prevention and Interception in Dentistry.
- Interceptive and corrective Class II Treatments.
- Interceptive and corrective Class III Treatments.
- Self ligating brackets and techniques.
- Temporary Anchorage Devices
- Mechanical Vibration and Orthodontics and Dentofacial Orthopaedics
- Piezocision and Root Resorption and Tooth Movement
- Accelerated Tooth movement

11. SUPERVISION OF THESES (SOME OF THEM LISTED)

- **84 MASTER THESIS IN ORTHODONTICS**
- **8 MASTER OF PHILOSOPHY THESIS**
- **6 PHD THESIS**

MDS THESES

Presented and Approved

- "Basement Membrane Proteins Influence the Revascularisation Network After Acute Injury"
Dr. R. Garton, September 1997.
 In collaboration with Dr. N. Hunter, Institute of Research, Faculty of Dentistry.
- "A Micro-Indentation Analyses of the Mechanical Properties of Cementum of Human Premolar Teeth"
Dr. G.Clark, September 1997.
 In collaboration with Professor M. Swain, Australian Technology Park.
- "The Significance of Disinfection on the Physical Properties of Treated Enamel for Orthodontic Bonding Material"
Dr. T. Leelahakriengkrai, September 1997.
 In collaboration with Professor M. Swain, Australian Technology Park.
- "A Morphological and Molecular analysis of the Dispersion of the Epithelial Root Sheath"
Dr. A. Barry, October 1998.
 In collaboration with Dr. N. Hunter, Institute of Research, Faculty of Dentistry.
- "Treatment of Snoring and Obstructive Sleep Apnoea with a Mandibular Advancement Splint"
Dr. A. Mehta, October 1998.
 In collaboration with Dr. P. Cistulli, Centre of Sleep Disorders and Respiratory Failure, St Georges Hospital.
- "The Optimal Level of Laser Radiation Wavelength and Energy Required to Activate Osteogenetic Cell Lines"
Dr. G. Ho, October 1999.
- "The Optimal Frequency and Cumulative Exposure of Application and Potential Clinical Implications of Laser Radiation on Orthodontic Tooth Movement"
Dr. A. Coombe, October 1999.
 In collaboration with Dr. N. Hunter, Institute of Research, Faculty of Dentistry.
- "The Integrity of the Periodontal Ligament in Response to Trauma"
Dr. Y. Poon, October 1999.
 In collaboration with Dr. N. Hunter, Institute of Research, Faculty of Dentistry.

- "Cell Structure Re-organisation in relation to the Adaptation of Vascular Networks to Tensile Stress"
Dr. M. Fong, October 1999.
 In collaboration with Dr. N. Hunter, Institute of Research, Faculty of Dentistry.
- "The Reliability of Crown-Root Ratio, Linear and Angular Measurements when Taken on Panoramic Radiographs"
Dr. S. Stramotas, October 1999.
- "Effects of Exposure of Electromagnetic Fields Produced by Transmission Lines upon DNA Fragmentation and Health of Mice "
Dr. A. Nangia, October 2000.
 In collaboration with Professor M. Walker and Dr. H. Zoellner, Department of Oral Pathology.
- "Physical Properties Changes of Human Premolar cementum after the application of Orthodontic Forces "
Dr. S. Malek, October 2000.
 In collaboration with Professor D. Cockayne, Professor M. Swain and Mr. K. Tyler, Electron Microscope Unit, Australian Technology Park.
- "Long-term Evaluation of Sleep Apnoea Patients using Mandibular Advancement Splint"
Dr. Roger Hammond, October 2001.
 In collaboration with Dr. P. Cistulli, Centre of Sleep Disorders and Respiratory Failure, St Georges Hospital.
- "Distraction Osteogenesis : Design for Mandibular Self-distracting Bone Device"
Dr. Emma Mckenzie, October 2001.
 In collaboration with Professor M. Swain and Mr. K. Tyler, Electron Microscope Unit, Australian Technology Park.
- "A New Diagnostic Method for Evaluating Dental and Skeletal Malocclusions without Using Cephalometric Radiographs"
Steve Moate, October 2001.
 Supervisor : Prof. M. A. Darendeliler
 Associate supervisor : Dr. J. Geenty
- "Effect of Different Vertical Splint Dimensions on Mandibular Advancement Splint Therapy in Obstructive Sleep Apnoea Syndrome"
Andrew Pitsis, October 2001.
 In collaboration with Dr. P. Cistulli, Centre of Sleep Disorders and Respiratory Failure, St Georges Hospital.

- “Changes of Human Premolar Cementum Hardness After the Application of Orthodontic Forces”
Pennapa Srivicharnkul, October 2001.
In collaboration with Professor M. Swain and Mr. K. Tyler, Electron Microscope Unit, Australian Technology Park.
- “A radiographic analysis of apical root resorption after orthodontic treatment with Straight Wire, Tip, Edge, and Speed appliance”
David Armstrong, October 2002
- “Volumetric analysis of root resorption craters after application of controlled orthodontic forces: A SEM study”
Eugene Chan, October 2002
In collaboration with Electron Microscope Unit.
- “Evaluation of the dental, skeletal and soft tissue effects of the twin block appliance”
Baljit Lalli, October 2002
Supervisor : Prof. M. A. Darendeliler ; Associate supervisors : Drs. P. Taylor, J. Geenty
- “Quantitative analysis of the mineral composition of human premolar cementum after the application of controlled orthodontic forces”
Teriko REX, October 2002
In collaboration with Electron Microscope Unit and Department of Chemistry.
- “Novel Asymmetrical FGF8 Expression During Resolution of Chirality in Rat Palatal Fusion”
James Choi, October 2003
Supervisor : Dr J. Gibbins; Associate supervisors : Profs. OP Kharbanda and M. A. Darendeliler
- “Expression of Osteoprotegerin and RANKL in root resorption induced by the application of heavy orthodontic forces on rat molars”
Eva Low, October 2003
Supervisor: Hans Zoellner; Associate supervisors: Profs. M. A. Darendeliler and Kharbanda
- “Change In Physical Properties Of Human Premolar Cementum After Application Of Four Weeks Of Controlled Orthodontic Forces”
Wanjira Chutimanutskul, October 2004
Supervisor : Profs. M. A. Darendeliler and OP Kharbanda
- “The effect of systemic fluoride intake on Root Resorption in Wistar Rats”
Matthew Foo, October 2004
Supervisor : Prof. M. A. Darendeliler and Dr Allan Jones

- "Volumetric analysis of root resorption craters after application of controlled intrusive light and heavy orthodontic forces: A micro CT Scan study
Debora Harris, October 2004
Supervisor : Prof. M. A. Darendeliler and Dr Allan Jones
- "The effect of fluoride administration on rat serum osteocalcin expression during orthodontic movement
Mark Kebsch, October 2004
Supervisor : Profs. M. A. Darendeliler and Dr. Margaret WILKINSON
- "Comparison of the effects of "invisible" removable thermoplastic appliances to light and heavy orthodontic forces on human premolar cementum. A micro CT study
Laura J. Barbagallo, October 2005
Supervisor : Profs. M. A. Darendeliler and Dr Allan Jones
- "The effect of low magnitude, high frequency mechanical stimuli on non-weightbearing cranial bones quantity, quality and rate of healing
Haitham Omar, October 2005
Supervisor : Profs. M. A. Darendeliler and Hans Zoellner
- "The sequence of cellular response in periodontal ligament and alveolar bone corresponding to the progression of root resorption
Justin Fong, October 2005
Supervisor : A/Profs. Gang Shen and Hans Zoellner and Prof. M. A. Darendeliler
- "Comparison of the amount of root resorption and the characteristics of resorption craters after the application of light and heavy continuous and controlled orthodontic forces during 4 versus 8 weeks"
Darin BALLARD
Supervisor : Dr. Eugene Chan
Associate supervisor : Prof. M. Ali Darendeliler
- "Comparison of the effects of continuous versus intermittent controlled orthodontic forces on the amount of root resorption using Micro-CT scan"
Darin Ballard 2006
Supervisors : Prof. M Ali Darendeliler,
Associate Supervisor : A/Prof. Gang Shen.
- "The effects of low magnitude-high intensity mechanical stimuli on condylar cartilage and bone: A Micro-CT study"
Divya Sriram 2006
Supervisor : Dr. Allan Jones
Associate supervisor : Prof. M. Ali Darendeliler

- "Validity of cephalometric evaluation of lower incisor position within the symphysis and its stability using "p distance"
Vasantha Srinivasan 2006
Supervisor : Prof. M. Ali Darendeliler

- "Orthodontic implications of early loss of first permanent molars"
Supervisor : Prof. M. Ali Darendeliler
Associate supervisor : Dr. Eduardo Alcaino

- "Craniofacial and anthropometric characteristics of subjects with sleep apnoea in Chinese and Caucasians"
Sivabalan Vasudavan 2006
Supervisors : Prof. M Ali Darendeliler, A/Prof. Peter A Cistulli

- "A prospective randomized crossover study on the use of a tongue-stabling device on obstructive sleep apnoea"
Sheryn Ann Deane 2007
Supervisors : Prof. M Ali Darendeliler
Associate Supervisor : Prof. Peter A Cistulli, Dr Andrew Ng.

- "The incidence of physiological root resorption in un-erupted third molar teeth"
Sheryn Ann DEANE
Supervisor : Dr. Allan Jones
Associate supervisor : Prof. M. Ali Darendeliler

- "Repair of root resorption four and eight weeks following the application of continuous light and heavy forces four weeks: a micro-CT study
Lam Cheng 2007
Supervisors : Prof. M Ali Darendeliler, Prof Tamer Turk, Dr Allan Jones AS,

- "The amount of root resorption after force application for 12 weeks on maxillary and mandibular premolars: A micro-CT study"
Anchalee Paetyangkul 2007
Supervisors : Prof. M Ali Darendeliler, Prof Tamer Turk, Türk, Dr Allan Jones AS,

- "Dentoalveolar Stress under Heavy and Light Continuous Orthodontic Forces During Canine Distalisation Studied with a Three Dimensional Finite Element Model."
Jason Yee 2007
Supervisors : Prof. M Ali Darendeliler, Prof Tamer Turk, Türk, Dr Allan Jones AS,

- "Element Composition of Root Surface Cementum and Resorption Craters following orthodontic Force Application and the effect of Fluoride"
Elaine Lim 2007
Supervisors : Prof. M Ali Darendeliler, Dr David Bolten
- "Can systemic casein phosphopeptides - amorphous calcium phosphate - influence root resorption"
Lachlan CROWTHER 2008
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : A/Prof. Gang Shen, Prof. William Walsh
- "Evaluation of combination systemic Glucosamine Sulphate and Chondroitin Sulphate supplements during functional appliance therapy and the effects on condylar remodelling"
Gosia KLUCZEWSKA 2008
Supervisor : A/Prof. Gang Shen
Associate supervisors : Prof. M. Ali Darendeliler, Prof. William Walsh
- "The biological mechanism of growth factor Wnt in regulating the phenotypic conversion of chondrocytes during condylar adaptive remodelling"
Adrian TAN 2008
Supervisor : A/Prof. Gang Shen
Associate supervisors : Prof. M. Ali Darendeliler, Prof. William Walsh
- "Can combination Glucosamine Sulphate and Chondroitin Sulphate systemic supplements influence rate of tooth movement and orthodontic root resorption"
Nour Eldin TARRAF 2008
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : A/Prof. Gang Shen, Prof. William Walsh

DClinDent THESES

- "The extent of root resorption after the application of 2.5 degrees tip and 15 degrees of orthodontic buccal root torque for 4 weeks. A Micro CT study"
Nerissa Bartley 2009
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : Prof Tamer Turk, Drs Allan Jones and Lam Cheng
- "The extent of root resorption after the application of 2.5 degrees tip and 15 degrees tip for our weeks. A Micro CT study"
Alistair KING 2009
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : Prof Tamer Turk, Drs Allan Jones and Lam Cheng

- "Comparison of the extent of root resorption after the application of 15 degrees tip, 15 degrees torque and 225 gram rotational force for 4 weeks. A Micro CT study"
Sarah NEITZERT 2009
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : Prof Tamer Turk, Drs Allan Jones and Lam Cheng
- "The extent of root resorption after the application of light and heavy controlled rotational orthodontic forces for 4 weeks. A Micro CT study"
Andy WU 2009
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : Prof Tamer Turk, Drs Allan Jones and Lam Cheng
- "Bone remodelling in various types of tooth movement using Finite Element Analysis and its correlation with root resorption."
Vanessa Jiménez MONTENEGRO 2010
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : Drs. Qing Li, Carmen Gonzales, Allan Jones
- "Skeletal and dental outcomes of a new magnetic functional appliance, the Sydney Magnoglide, in Class II correction."
Angie PHELAN 2010
Supervisors : Prof. M. Ali Darendeliler, Drs. Nour E. Tarraf and Paul Taylor
- "Effect of mechanical vibration on condylar remodelling."
Olivia ROGERS 2010
Supervisor : Prof. M. Ali Darendeliler
Associate supervisors : Prof. William Walsh, Dr Oyku Dalci
- "Effects of skeletal anchorage in the management of Skeletal Class 3."
Saad AL-MOZANY 2011
Supervisor : Prof. M. Ali Darendeliler
Associate Supervisor : Drs. Oyku Dalci and Nour Tarraf
- "Comparison of force delivery of different posterior intrusion springs."
Riaan FOOT 2011
Supervisor : Prof. M. Ali Darendeliler
Associate Supervisor : Dr. Nour E. Tarraf
- "Effect of the Sydney Intrusion Spring on Openbite."
Riaan FOOT 2011
Supervisor : Prof. M. Ali Darendeliler
Associate Supervisor : Dr. Nour E. Tarraf
- "The effects of mechanical vibration on orthodontic root resorption."
Johnathan GROVE 2011

Supervisor : Prof. M. Ali Darendeliler
Associate Supervisor: Dr. Nour E. Tarraf

- "The use of Sydney Magnetic Clip (SMC) in conjunction with mini screws."
Daniel TAN 2011
Supervisor : Prof. M. Ali Darendeliler
Associate Supervisors : Drs. Carmen Gonzales and Oyku Dalci
- "The incidence of physiological root resorption in un-erupted third molar teeth and correlation with blood composition/chemistry and Ph."
Tiffany HUANG 2011
Supervisor : Prof. M. Ali Darendeliler
Associate supervisor : Dr. Oyku Dalci
- "Prediction of the efficacy of a mandibular advancement splint in the treatment of Obstructive Sleep Apnoea"
Anel Blignaut 2014
Supervisor : Prof. M. Ali Darendeliler
Associate Supervisor/s : Dr. Oyku Dalci
- "*Cytokine expression in gingival crevicular fluid and root resorption: A microcomputed tomography study*"
Jenkin Chiu 2014
Supervisor : Prof. M. Ali Darendeliler
Associate Supervisor/s : Dr. Oyku Dalci
- "A comparative histomorphological/ microCT of primary stability and osseointegration - Sydney Mini-Screw"
Anastasia Bacopulos Marangu 2014
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Dr Oyku Dalci
- "Efficacy of AcceleDent in space closure."
Carolyn Ng 2014
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Dr. Oyku Dalci
- "Orthodontic root resorption following heavy transverse and vertical jiggling forces."
Carolyn Ng 2014
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Dr. Oyku Dalci
- "In-vitro characterization of the effects of mechanical vibration on human osteoblast cell lines."

Jude Aarthi Joseph Antoniraj 2015
 Supervisor : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs. Oyku Dalci and Alexandra Papadopoulpou

- "Influence of adenotonsillectomy and Rapid Maxillary Expansion on Obstructive Sleep Apnoea children."
 Lloyd Buck 2015
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisors : Drs. Oyku Dalci and Alexandra Papadopoulpou
- "A study of the retentive capability of the Sydney Mini Screw with immediate loading with orthopaedic forces in the tibia of New Zealand rabbits."
 Peter Duc Hoang 2015
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs. Oyku Dalci and Alexandra Papadopoulpou
- "Vibration and modified Sydney Magnoglide versus modified Sydney Magnoglide: A comparison of Class II treatment outcomes."
 Peeranoot Pajayakrit 2015
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs. Oyku Dalci and Alexandra Papadopoulpou
- "An in vivo study on the effects of piezocision and vibration on canine distalisation."
 Braydon Patterson 2015
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Professor Axel Spahr, Drs. Oyku Dalci & Alexandra Papadopoulpou
- "The effects of micro-osteoperforations on orthodontic root resorption - A Micro CT study."
 Emmanuel Chan 2016
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou
- "The effects of vibration on root resorption related to a Hypofunctional Periodontium - A Micro CT Study"
 Naomi Kohan 2016
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou
- "Evaluation of Westran pigs as an animal model for implant osseointegration and alveolar distraction using orthodontic force: a pilot study."
 Elise McConnell 2016
 Supervisors : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou

- "The effect of low-level laser therapy (LLLT) on orthodontically induced inflammatory root resorption - A pilot micro CT study."
Doreen Ng 2016
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou
- "The Effect of Photobiomodulation on the Repair of Orthodontic Root Resorption - A Micro-CT study."
Chun Min Ang Khaw 2017
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou
- "The Effect of Piezocision on rate of Orthodontic Tooth Movement and Canine Retraction - A randomized clinical trial"
Vanessa Hawkins 2017
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou
- "The Effects of Micro-Osteoperforations on the rate of Orthodontic Tooth Movement."
Jiaojiao Li 2017
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou
- "The Effects of LED-Mediated Photobiomodulation on Orthodontic Root Resorption and Pain - A split-mouth randomized controlled clinical trial".
John Sambevski 2017
Supervisors : Prof. M. Ali Darendeliler
Associate Supervisor/s : Drs. Oyku Dalci & Alexandra Papadopoulou

PhD THESIS

- "Microstructure Investigation of Orthodontic Wires"
Dr. Y. Ma
An electron microscope study, in collaboration with Professor D.J.H. Cockayne, Electron Microscopy Unit and Mechanical Engineering, University of Sydney, March, 2001.
- "New composite materials and design of an orthodontic bracket"
Dr. David Armstrong
Supervisor : Prof. M Ali Darendeliler
- "Quantification of the Remineralisation of Enamel"

Dr. Tiffany Huang

Supervisors : Prof. M Ali Darendeliler and Prof. M. Swain,

- "Effect of fluoride on root resorption following heavy and light orthodontic force application for 4 weeks and 12 weeks of retention."

Dr Ersan KERADENIZ

Supervisor : Prof M. Ali Darendeliler, A/Supervisor: Drs Carmen Gonzales and Oyku Dalci

- "Effect of fluoride on root resorption and tooth movement"

Dr Jude Arathi Joseph ANTONIRAJ

Supervisor : Prof M. Ali Darendeliler, A/Supervisor: Drs Carmen Gonzales and Oyku Dalci

PhD Ongoing

- "The application of skeletal anchorage for growth modification treatment in orthodontics."

Dr Nour Eldin TARRAF

Supervisors : Prof. M. Ali Darendeliler

Associate Supervisor/s : Dr. Oyku Dalci

- "The effects of mechanical vibration on Class II orthopaedic appliance therapy at different stages of skeletal maturity"

Dr Lam L CHENG

Supervisors : Prof. M. Ali Darendeliler

Associate Supervisor/s : Dr. Oyku Dalci

MPhil THESIS

- "Chondrogenic differentiation of mesenchymal cells during adaptive remodelling of condylar cartilage evidenced by increased synthesis of L-Sox5"

Dr Payam OWTAD

Supervisor : A/Prof. Gang Shen, A/Supervisor: Prof. M. Ali Darendeliler

- "Root Resorption - a two sided coin."

Dr Navin Sequeira

Supervisors : Prof. M. Ali Darendeliler

Associate supervisor : Drs Carmen Gonzales and Oyku Dalci

- "A comparative study of the retentive capability of the Sydney Miniscrew with 6 mm orthodontic anchorage miniscrews in the tibia of New Zealand rabbits."

- Peter Duc HOANG*
 Supervisor : Dr. Oyku Dalci
 Associate Supervisor : Prof. M. Ali Darendeliler
- "The Sydney Miniscrew- A surface treated and synthetic graft reinforced trabecular bone orthodontic miniscrew system."
Benoosh Bianca GOODARZI
 Supervisor : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Dr. Oyku Dalci
 - "Long-term predictable occlusal outcome. An early pre-orthodontic and orthognathic surgery rehabilitation."
Marianna CULACIATI
 Supervisor : Prof. I. Klineberg
 Associate Supervisor/s : Prof. M. Ali Darendeliler
 - "A National survey of current trends in orthodontic practice."
Lamis AHMED
 Supervisor : Prof. M. Ali Darendeliler
 Associate Supervisor/s : Drs Sabrina Michael, Oyku Dalci and Alexandra Papadopoulou
 - "The effect of piezocision and mechanical vibration on the extent of root resorption: A Micro-CT study."
Hui Theng CHONG
 Supervisor : Prof. M. Ali Darendeliler and Tamer Turk, Dr Oyku Dalci
 - *Kim Wei Thea*
 "The effect of piezocision and mechanical vibration on the rate of tooth movement."
 Supervisor : Prof. M. Ali Darendeliler and Tamer Turk, Dr Oyku Dalci

MDSc THESIS

- "Mechanism and prediction of success with TSD and MAS and validity of adaptive remodelling of condylar cartilage - A molecular and biochemical study"
 Dr Ashraf Jarrar
 Supervisors: Prof. M. Ali Darendeliler, Prof. Peter Cistulli, Dr Andrew Ng, A/Prof. Gang Shen
- "The biological mechanism of growth factor PCNA in regulating the phenotypic conversion of chondrocytes during condylar adptive remodelling"
 Dr Zoe Potres
 Supervisors: Prof M Ali Darendeliler and A/Prof Gang Shen

- "Comparison of the amount of root resorption between the left and right first premolars as well as between maxillary and mandibular premolars, following the application of continuous and controlled heavy forces for 4 weeks: A Micro-CT study."

Dr Caroline OH

Supervisors : Prof. M. Ali Darendeliler

Associate supervisor : A/Prof. Gang Shen, A/Prof. Tamer Turk

12. PRESENTATIONS AT NATIONAL AND INTERNATIONAL SCIENTIFIC MEETINGS

12.1 ELECTED CONTRIBUTIONS

1. Joho J.P., Darendeliler M.A.

"The use of magnets in orthodontics : The magnetic arch, fixed appliance without bands or archwires" Part I.

65th Congress of the European Orthodontic Society,
Würzburg, Germany, May 1989.

2. Darendeliler M.A., Joho J.P.

"The use of magnets in orthodontics : Magnetic Activator Device (The MAD Appliance)"

Part II.

65th Congress of the European Orthodontic Society,
Würzburg, Germany, May 1989.

3. Darendeliler M.A., Sinclair P.M.

"The effects of samarium cobalt magnets and pulsed electromagnetic fields on bone healing".

American Association of Orthodontists, Annual Session,
Seattle, U.S.A., May 1991.

4. Darendeliler M.A.

"L'utilisation des aimants en orthopédie dento-faciale".

Alumni Meeting, School of Dentistry, University of Geneva
Geneva, Switzerland, January 1992.

5. Darendeliler M.A., Sinclair P.M., Kusy R.P.

"Effects of static magnetic and pulsed electromagnetic fields on orthodontic tooth movement"

American Association for Dental Research Meeting,
Boston, U.S.A., March 1992.

6. Darendeliler M.A., Strahm C.

"Maxillary expansion with magnetic forces".

68th Congress of the European Orthodontic Society,
Venice, Italy, June 1992.

7. Darendeliler M.A.

"Forces and magnetic fields in orthodontics, animal experiments and clinical applications".
Swiss Society of Orthodontics and Dento-facial Orthopedics (SGK/SSODF),
Basel, Switzerland, November 1992.

8. Darendeliler M.A., Sinclair P.M.

"Effects of static and electromagnetic fields on bone healing".
3rd International Congress of Turkish Orthodontic Society,
Izmir, Turkey, October 1992.

9. Darendeliler M.A., Joho J.P.

"Dental and skeletal effects of the Magnetic Activator Device II (MAD II)".
3rd International Congress of Turkish Orthodontic Society,
Izmir, Turkey, October 1992.

10. Darendeliler M.A., Friedli J.M., Joho J.P.

"Clinical presentation: Impacted canines and multiple diastema cases treated with magnetic forces".
3rd International Congress of Turkish Orthodontic Society,
Izmir, Turkey, October 1992.

11. Darendeliler M.A.

"Treatment concepts in the Geneva Orthodontic Department".
University of Gazi,
Ankara, Turkey, October 1992.

12. Darendeliler M.A.

"The Geneva-plate-headgear : indications and clinical applications".
University of Gazi,
Ankara, Turkey, October 1992.

13. Darendeliler M.A.

"The Speed Appliance : advantages and limits".
University of Gazi,
Ankara, Turkey, October 1992.

14. Darendeliler M.A.

"The Straight Wire Appliance, indications and clinical evaluation".
University of Gazi,
Ankara, Turkey, October 1992.

15. Joho J.P., Darendeliler M.A.

"Dental and skeletal effects of the MAD II (Magnetic Activator Device-II) appliance in the correction of Class II/1 malocclusions".

69th Congress of the European Orthodontic Society,
Stockholm, Sweden, June 1993.

16. Darendeliler M.A., Darendeliler A, Sinclair P.M., Kusy R.P.

"Effects of static and pulsed electromagnetic fields on orthodontic tooth movement and bone healing".

69th Congress of the European Orthodontic Society,
Stockholm, Sweden, June 1993.

17. Darendeliler M.A.

"Forces et champs magnétiques en orthodontie, expériences cliniques et évaluation histologique".

School of Dentistry, University of Geneva,
Geneva, Switzerland, June 1993.

18. Darendeliler M.A.

"Les effets des champs magnétiques statiques et des champs électromagnétiques sur le mouvement dentaire et la guérison de l'os chez les cochons d'Inde".

Alumni Meeting, School of Dentistry, University of Geneva,
Geneva, Switzerland, October 1993.

19. Darendeliler M.A., Üner O.

"Drum Spring retractor : constant and continuous force on canine retraction".

70th Congress of the European Orthodontic Society,
Graz, Austria, June 1994.

20. Darendeliler M. A.

"Indications et construction du "Magnetic Activator Device II" (MAD II) et résultats cliniques".

Course for Specialists,
Geneva, Switzerland, September 1995.

21. Byloff F., Darendeliler M.A.

"L'appareil Pendulum : un traitement sans collaboration ?".

Alumni Meeting, School of Dentistry, University of Geneva,
Geneva, Switzerland, January 1996.

22. Byloff F., Darendeliler M.A.

"Molar distalization with Pendulum Appliance, clinical and radiological evaluation".

72th Congress of the European Orthodontic Society,
Brighton, England, July 1996.

23. Leelahakriengkrai T., Darendeliler M.A., Swain M.

"The significance of disinfection on the physical properties of treated enamel for orthodontic bonding material".

Faculty of Dentistry Research Day,
Westmead, October, 1997.

24. Leelahakriengkrai T., Darendeliler M.A., Swain M.

"The significance of disinfection on the physical properties of treated enamel for orthodontic bonding material".

16th Australian Orthodontic Congress,
Canberra, Australia, March 1998.

25. Clark G., Swain M., Darendeliler M.A.

"An Analysis of the physical properties of human dental cementum of premolar teeth using Micro-Indentation".

16th Australian Orthodontic Congress,
Canberra, Australia, March 1998.

26. Stramotas S., Geenty J., Darendeliler M. A..

"Accuracy of Linear Measurements on Panoramic Radiographs Taken at Various Positions in vitro".

99th American Association of Orthodontists,
San Diego, May 1999.

27. Mehta A. S., Petocz P., Darendeliler M. A., Cistulli P.

"Treatment of snoring and obstructive sleep apnea using a mandibular advancement splint".

99th American Association of Orthodontists,
San Diego, May 1999.

28. Nangia A., Darendeliler M.A., Zoellner H., Walker D.M.

"The effects of exposure to electromagnetic fields similar to those produced by overhead powerlines upon DNA fragmentation".

" From Cell to Society " College of Health Sciences Research Conference,
Leura, November 2000.

29. Malek S., Darendeliler M.A., Swain M., Tyler K., Cockayne D.

"Physical properties of human premolar cementum - a structural correlation".

College of Health Sciences Research Conference, Leura, November 2000.

30. Malek S., Darendeliler M.A., Swain M.,

"Physical properties of human premolar cementum - structural correlation".

Faculty of Dentistry Research Day,
Westmead, October 2000.

32. Srivicharnkul P., Darendeliler M.A., Swain M.

" Changes in physical properties of human premolar cementum after the application of controlled orthodontic forces".

Faculty of Dentistry Research Day,
Westmead, October 2001.

33. Chan E., Darendeliler M.A.

"Volumetric analysis of root resorption craters after application of controlled orthodontic forces: A SEM study Faculty of Dentistry Research Day,

Westmead, October 2002.

34. Armstrong D., Darendeliler M.A.

"A radiographic analysis of apical root resorption after orthodontic treatment with Straight Wire, Tip, Edge, and Speed appliance"

Faculty of Dentistry Research Day,
Westmead, October 2002.

35. Chutimanutskul W., Darendeliler MA., Swain M.

"Changes in physical properties of human premolar cementum after application of 4 weeks of controlled orthodontic forces."

Faculty of Dentistry Research Day, Westmead, October 2002.

36. Lalli B., Darendeliler MA.

"Evaluation of the dental, skeletal and soft tissue effects of the twin block appliance"

Faculty of Dentistry Research Day,
Westmead, October 2002.

37. Darendeliler MA., Chan E., Rex T.,

"Effects of orthodontic forces on the physical and chemical properties of root cementum"

Congress of the European Orthodontic Society,
Sorrento, Italy, June 2002

38. Darendeliler MA., Chan E., Rex T.,

"Effects of orthodontic forces on the physical and chemical properties of root cementum"

Congress of the American Orthodontic Society,
Honolulu, Hawaii, USA, May 2003

12.2 INVITED CONTRIBUTIONS**1. "The magnetic arch, Magnetic Activator Device (MAD)".**

University of Louisiana, Dental School,
New Orleans, U.S.A., May 1988.

2. "Magnetic forces in orthodontics".

University of Michigan,
Michigan, U.S.A., October 1988.

3. "Correction of Class II/1 malocclusions with the help of a magnetic field".

7th International Conference for Orthodontists,
Munich, Germany, November 1989.

4. "Basics in the use of magnets and clinical applications".

Klinik und Poliklinik für Zahn, Mund. und Kieferkrankheiten,
Bonn, Germany, April 1990.

5. "Clinical use of magnetic forces in orthodontics and dento-facial orthopedics".

Gülhane Askeri Tip Fakültesi,
Ankara, Turkey, September 1991.

6. "Magnets in Orthodontics".
Panel Discussion: Darendeliler M.A., Ingervall B., Gianelly A., Kürol J., Rygh P., Schmuth G.F., Vardimon A.D.
68th Congress of the European Orthodontic Society,
Venice, Italy, June 1992.
7. "Orthodontic and Orthopaedic concepts in the Geneva Orthodontic Department".
University of Gazi,
Ankara, Turkey, October 1992.
8. "Maxillary expansion with magnets".
Club International de Morphologie Faciale,
Geneva, Switzerland., September 1993.
9. "Contemporary mechanics on magnets and constant forces".
Pacific Coast Society of Orthodontists Meeting,
Palm Springs, U.S.A., November 1994.
10. "Drum Spring - constant force in cuspid retraction".
Pacific Coast Society of Orthodontists Meeting,
Palm Springs, U.S.A., November 1994.
11. "Contemporary mechanics in orthodontics".
Panel Discussion: Darendeliler M.A., Alexander R.G., Burstone C.J.
Pacific Coast Society of Orthodontists Meeting,
Palm Springs, U.S.A., November 1994.
12. "Drum Spring (DS) retractor".
University of the Pacific, School of Dentistry, Department of Orthodontics,
San Francisco, U.S.A., November 1994.
13. "Contemporary mechanics on magnets and constant forces".
95th American Association of Orthodontists Annual Session and 4th International
Orthodontic Congress,
San Francisco, U.S.A., May 1995.
14. "Çocukta travmatizm ve ortodontide tanı".
(Trauma in children and diagnosis in orthodontics).
Continuing Education, University of Istanbul, Department of Pediatrics,
Istanbul, Turkey, October 1995.
15. "The functional appliance: Is it the main tool for Class II orthopedic treatment?".
International Symposium on Dentofacial Development and Function,
Athens, Greece, September 1996.
16. "Maxillary Expansion : When, Why, How ?".
Clinical Day, ASO (New South Wales Branch) Annual,
Sydney, Australia, June 1997.

17. "Early or Late, Activator or Headgear".
ASO (South Australian Branch) Meeting,
Darwin, Australia, July 1997.
18. "Magnetic Activator Device: An attractive treatment alternative for Class II correction".
ASO (South Australian Branch) Meeting,
Darwin, Australia, July 1997.
19. "Orthodontics as Adjunct to Aesthetics in Dentistry".
Continuing Education, Faculty of Dentistry,
Sydney, Australia, July 1997.
20. "Early or Late, Treat the Profile, When?, Why?, How?".
AAOO General Meeting,
Sydney, Australia, October 1997.
21. "Magnetic Appliances in Contemporary Orthodontics".
32nd Indian Orthodontic Conference,
Goa, India, October 1997.
22. "Maxillary Expansion".
32nd Indian Orthodontic Conference,
Goa, India, October 1997.
23. "Effects of Static Magnetic and Pulsed Electromagnetic Fields on Epiphyseal Cartilage Growth in Rats".
2nd International Conference on Biological Mechanisms of Tooth Eruption, and Replacement by Implants,
Toledo, Spain, October 1997.
24. "Early or Late ?, Functional or Headgear ?".
16th Australian Orthodontic Congress,
Canberra, Australia, March 1998.
25. "Early or Late ?, Functional or Headgear ?".
98th American Association of Orthodontists Meeting,
Dallas, U.S.A., May 1998.
26. "Multidisciplinary Treatment".
Northern Suburbs Study Club Meeting,
Gordon, May 1998.
27. "Interceptive Treatment".
South Coast ADA Meeting,
Wollongong, June, 1998.
28. "Magnetic Forces In Orthodontics and Dentofacial Orthopaedics".
Department of Orthodontics, Faculty of Dentistry, University of Istanbul,
Istanbul, Turkey, June, 1998.

29. "Interceptive Treatment Approach".
Khon Kaen University,
Khon Kaen, Thailand, June 1998.
30. "Maxillary Expansion and Timing".
Khon Kaen University,
Khon Kaen, Thailand, June 1998.
31. "Magnetic Forces and us".
Khon Kaen University,
Khon Kaen, Thailand, June 1998.
32. "Constant and Continuous Forces".
Khon Kaen University,
Khon Kaen, Thailand, June 1998.
33. "L'appareil Fonctionnel ou Traction : quel va être le profile ?"
Société Suisse d'Orthopédie Dento-Faciale,
Montreux, Switzerland, October 1998.
35. "Correction of Class II Malocclusion with Magnets."
Intercontinental Orthodontic Study Club,
Hanoi, Vietnam, January, 1999.
36. "Interdisciplinary Treatment and Anterior Aesthetic."
Half day Lecture, Symposium on Adult Treatment, University of Hacettepe,
Ankara, Turkey, May 1999.
37. "Profile Changes and Mandibular Stability in the Treatment of Class II
Malocclusion
99th American Association of Orthodontists Meeting,
San Diego, U.S.A., May 1999.
38. "Current Advances In Orthodontics: beyond 2000".
Shellharbour Hospital,
Shellharbour, June, 1999.
39. "Maxillary Expansion: Why, When How ?."
New Zealand Orthodontic Meeting,
Christchurch, New Zealand, September 1999.
40. "Magnetic Forces In Orthodontics".
New Zealand Orthodontic Meeting,
Christchurch, New Zealand, September 1999.
41. "Class II Treatment: What Is the Reality".
New Zealand Orthodontic Meeting,
Christchurch, New Zealand, September 1999.
42. "Three Important Points In Class III Treatment"
Begg Orthodontic Society Meeting,
Leura, Blue Mountains, October, 1999.

- 43.** "Magnetic Forces In Orthodontics".
New Zealand Orthodontic Meeting,
Christchurch, New Zealand, September 1999.
- 44.** "Maxillary Expansion: Why, When How ?."
Dental School, University of Hong Kong,
Hong Kong, November 1999.
- 45.** "Magnetic Forces In Orthodontics and Dentofacial Orthopaedics".
Dental School, University of Hong Kong,
Hong Kong, November 1999.
- 46.** "Effects of Static and Electromagnetic Fields on Orthodontic Tooth Movement and Bone healing".
Australasian Osseointegration Society Meeting,
Carlton Crest Hotel, Sydney, May, 2000.
- 47.** "Mixed Dentition Treatment In Orthodontics".
Macquarie Dental Study Meeting,
Liverpool, NSW, October, 2001.
- 48.** "Class II Treatment: What Is the reality?"
101st American Association of Orthodontists Meeting,
Toronto, Canada, May, 2001.
- 49.** " How would you treat these? ".
Clinical Day, ASO (New South Wales Branch) Annual,
Sydney, Australia, June, 2001.
- 50.** "Interceptive Treatment ".
South Coast ADA Meeting,
Berry, September 2001
- 51.** "How would you treat these ".
Orthodontic Postgraduate Meeting,
Couran Cove, South Stradbroke Island, September 2001.
- 52.** "Class II Treatment: What Is the Reality ".
Orthodontic Postgraduate Meeting,
Couran Cove, South Stradbroke Island, September 2001.
- 53.** "Interdisciplinary Treatment ".
Orthodontic Postgraduate Meeting,
Couran Cove, South Stradbroke Island, September 2001.
- 54.** "Class II Treatment Challenges ".
Dentaurum Orthodontic Conference,
South Stradbroke Island, October 2001.
- 55.** "Interdisciplinary Treatment ".
Dentaurum Orthodontic Conference,
South Stradbroke Island, October 2001.

- 56.** "Maxillary Expansion: Why, How? ".
Clinical Day, ASO (Western Australian Branch) Annual,
Perth, Australia, November 2001.
- 57.** "Class II and Class III Treatment: What Is the Reality? ".
Clinical Day, ASO (Western Australian Branch) Annual,
Perth, Australia, November 2001.
- 58.** "Interdisciplinary Treatment? ".
Clinical Day, ASO (Western Australian Branch) Annual,
Perth, Australia, November 2001.
- 59.** "How would you treat them? "
Clinical Day, ASO (Western Australian Branch) Annual,
Perth, Australia, November 2001.
- 60.** "Magnetic Forces In Orthodontics and Dentofacial Orthopaedics ".
Department of Orthodontics, School of Dentistry, University of Western Australia,
Perth, Australia, November 2001.
- 61.** "Biological Implications of Magnetic Fields ".
Department of Orthodontics, School of Dentistry, University of Western Australia,
Perth, Australia, November 2001.
- 62.** "Interdisciplinary Treatment ".
The Society of Oral Surgeons of New South Wales Meeting,
Duxon Hotel, Milson's point, November 2001.
- 63.** "How to treat the Maxillary Transverse Deficiency? "
Stomatologic Hospital,
Guangzhou, China, December 2001.
- 64.** "Magnets and Orthodontics: an Update ".
Stomatologic Hospital,
Guangzhou, China, December 2001.
- 65.** " Orthodontic Root Resorption".
XVIII éme Réunion des Anciens Assistants en Orthodontie et Pédiodontie de l'
Université de Genève, Switzerland *January 2003.*
- 66.** " Fixed functionals".
XVIII éme Réunion des Anciens Assistants en Orthodontie et Pédiodontie de l'
Université de Genève, Switzerland *January 2003.*
- 67.** " Management of Obstructive Sleep Apnoea ".
XVIII éme Réunion des Anciens Assistants en Orthodontie et Pédiodontie de l'
Université de Genève, Switzerland *January 2003.*
- 68.** " Child and Adolescent Dentition and Prevention and Interception of Malocclusion".
University of Istanbul, Istanbul, Turkey *June 2003.*

- 69.** " Root resorption: Prevention of the Scourge of Orthodontics ".
1st World Symposium on Orthodontics, San Diego, California *August 2003.*
- 70.** " Exploring the third dimension in root resorption".
British Orthodontic Conference, Bournemouth, England *September 2003.*
- 71.** " Validity of Randomised Clinical Trials ".
19th Biennial Congress, Adelaide Convention Centre, South Australia *February 2004*
- 72.** " Attractive Magnetic Extrusion ".
Dental Hygiene Symposium, Melbourne, Victoria "The Three P's: Paedo, Perio and Profession" *August 2004*
- 73.** " Early Treatment - Learning from the Past ".
FDI World Dental Federation, New Delhi, India *Septembre 2004*
- 74.** " Transverse Maxillary Deficiency ".
3M Unitek Graduate Students Meeting, Ayers Rock, *Septembre 2004*
- 75.** " Root Resorption ".
Begg Orthodontic Society Meeting, Ayers Rock, *Septembre 2004*
- 75.** " Root Resorption ".
9th International Congress of the Turkish Orthodontic Society, Atlantis Hotel, Antalya, Turkey *October 2004*
- 76.** " Oral Appliances and Obstructive Sleep Apnoea ".
Sleepless in Sydney, The Science,the snoring and the solutions,Star City, Sydney *October 2004*
- 77.** " Validity of Randomised Clinical Trials ".
Indian Orthodontic Conference at Bappuji Dental College & Hospital, Davangere, India *November 2004*
- 78.** " Third dimension of orthodontic root resorption ".
Indian Orthodontic Conference at Bappuji Dental College & Hospital, Davangere, India *November 2004*
- 79.** " Validity of Randomised Clinical Trials ".
University of Marmara, Turkey *April 2005*
- 80.** " Third Dimension of Orthodontic Root Resorption ".
University of Marmara, Turkey *April 2005*
- 81.** " Oral Appliances and Obstructive Sleep Apnoea ".
University of Marmara, Turkey *April 2005*
- 82.** " Dealing with Root Resorption, Can We Finally Prevent/Intercept It?".
105th Annual Session of American Association of Orthodontists 2005
San Francisco CA, USA, *May 2005*

- 83.** " Volumetric Analysis of Root Resorption in Human Premolars Under Controlled Intrusive Orthodontic Forces ".
81st Congress of the European Orthodontic Society, Amsterdam,
The Netherlands *June 2005*
- 84.** " Third Dimension of Orthodontic Root Resorption ".
Forsyth Institute, Boston, MA, USA, *June 2005*
- 85.** " Extraction of Heavily Caried and Hypoplastic Molars ".
MBT Symposium 3M Unitek, Sydney *August 2005*
- 86.** " Dimensions of Root Resorption Can be Prevented It?".
6th International Orthodontic Convention - Paris, France *September 2005*
- 87.** " Dimensions of Root Resorption Can be Prevented It?".
6th International Orthodontic Convention - Paris, France *September 2005*
- 88.** " Dimensions of Root Resorption Can be Prevented It?".
Department of Orthodontics, Aarhus University, Denmark *September 2005*
- 89.** " Class II and RCTs".
Department of Orthodontics, Aarhus University, Denmark *September 2005*
- 90.** " Systemic Intake of Fluoride and its influence on root resorption in rats".
The 8th International Conference in Biological Mechanisms of Tooth Eruption,
Resorption and Movement, Phuket, Thailand *November 2005*
- 91.** " Volumetric Analysis of Root Resorption in Human Premolars Under Controlled Intrusive Orthodontic Forces ".
The 8th International Conference in Biological Mechanisms of Tooth Eruption,
Resorption and Movement, Phuket, Thailand *November 2005*
- 92.** " Effects of vibrating mechanical stimulus and pulsed electromagnetic fields on orthodontic tooth movement".
The 8th International Conference in Biological Mechanisms of Tooth Eruption,
Resorption and Movement, Phuket, Thailand *November 2005*
- 93.** " Self-Ligating; who does yours?".
20th Australian Orthodontic Congress, Melbourne *April 2006*
- 94.** " Root Resorption; What do we know, how can we prevent it?".
106th Annual Session of American Association of Orthodontists 2006
Las Vegas, USA *May 2006*
- 95.** " Validity of Randomised Clinical Trials in the correction of Class II Malocclusion".
Early Treatment Symposium-78e Reunion Scientifique. Societe Francaise d'Orthopedie
Dento-Faciale. Brussels, Belgium *May 2006*
- 96.** " Root Resorption; What do we know, how can we prevent it?".
Danish Orthodontic Society, Aarhus *May 2006*
- 97.** " Root Resorption; What do we know, how can we prevent it?".

Danish Orthodontic Society, Copenhagen, May 2006

98. " One day Lecture".

Annual Meeting of "Societe Francaise d'Orthopedie Dento-Faciale " French Orthodontic Society, June 2006

98. " Root Resorption; What do we know, how can we prevent it?".

Annual Meeting of "Societe Belgue d'Orthopedie Dento-Faciale " Belgian Orthodontic Society, June 2006

99. " Root resorption in Orthodontics".

Annual Meeting of "Japanese Orthodontic Society, September 2006

100. "Facing Good Night Sleep: Obstructive Sleep Apnoea

32nd Australian Dental Congress, Sydney Exhibition Centre, Sydney Convention Centre, March 2007

101. "Tips and Tricks on Finishing"

Australian Begg Orthodontic Society Meeting (ABOS), Tasmania, April 2007

102. "The Clinical Facts of Orthodontic Root Resorption"

107th AAO Meeting, Seattle, WA, USA, May 2007

103. "Comparison of Root Resorption After 4 Versus 8 Weeks of Light and Heavy Forces"

"Evaluation of Continuous Versus Intermittent Forces on Root Resorption"
83rd EOS Meeting, Berlin, Germany, June 2007

104. "Cranio-Facial Issues in Sleep Apnea"

5th Congress World Sleep 07, World Federation of Sleep Research and Sleep Medicine Societies, Cairns, Queensland, September 2007

105. "Interdisciplinary Treatment"

Colombian Orthodontic Society Meeting, Bogota, September 2007

106. "Root Resorption and Clinical Management"

Colombian Orthodontic Society Meeting, Bogota, September 2007

107. "Class III malocclusion and management"

Colombian Orthodontic Society Meeting, Bogota, September 2007

108. "Magnetic Activator Device II in the Correction of Class II Malocclusion in Growing Patients"

21st Australian Orthodontic Congress, Gold Coast, Queensland, March 2008

- 109.** "Oral Appliance Therapy in Obstructive Sleep Apnea: An Evidence Based Perspective"
6th APOH Meeting, Bangkok, Thailand, March 2008
- 110.** "Third Dimension of Root Resorption in Orthodontics"
10th International Symposium- Greek Orthodontic Society, Athens, Greece
March 2008
- 111.** "Treatment and Management of Obstructive Sleep Apnea Using Oral Appliance"
108th AAO Meeting, Denver, Colorado, May 2008
- 112.** "Element composition of root cementum following the application of orthodontic forces" 84th EOS Congress, Lisbon, Portugal, June 2008
- 113.** "Interdisciplinary Treatment" , " Obstructive Sleep Apnoea and Oral Appliances; an evidence based view", " Third Dimension of Root Resorption". Hebrew University, Jerusalem, Israel, June 2008.
- 114.** " Management of Obstructive Sleep Apnoea using oral appliances: an evidence based evaluation", 100th Anniversary of Turkish Dental Association, Istanbul, Turkey
- 115.** "Third Dimension of Root Resorption. Do we need to worry about it?"
British Orthodontic Society Meeting, Brighton, September 2008.
- 116.** " One day Lecture".
Bulgarian Orthodontic Society Meeting, Sofia, 20 September 2008.
- 117.** " Mechanical and clinical advantages of orthodontic implants: NEW APPLICATIONS".
1st World Implant Orthodontic Conference, Seoul, Korea, 2008
- 118.** "Management of Obstructive Sleep Apnoea in Adults and in Children: An Evidence Based Perspective".
12th International Symposium on Dentofacial Development and Function in Cairo
October 16-18, 2008.
- 119.** "Third Dimension of Root Resorption".
4th Aozora Seminar, Tokyo, Japan, 2008.
- 120.** "Postgraduate Programmes around the World".
4th Aozora Seminar, Tokyo, Japan, 2008.
- 121.** "Management of Complex Orthodontic problems".
Bangkok, Thailand 2009.
- 122.** "Obstructive Sleep Apnoea and Management?"

Fraser Island, QLD 2009.

123. "New advances in sequential aligners, using magnets in conjunction with Invisalign", "New advances in manufacturing sequential aligners to improve fit, stress distribution and efficacy of aligner treatment".

Hamilton Island, QLD 2009.

124. Hands-on Mini Screw Course

Introduction to Mini Screw, Current Research Findings: Bone, Force & Mini Screws, Tooth Damage, Success Rates

Sponsored by Dentaureum

The University of Queensland

125. "How can we simplify our mechanics: posterior intrusion with SIS".

8th Asian Implant Orthodontics Conference in conjunction with 8th Japanese Implant Orthodontic Conference, Sendai Japan 2009.

126. "Intrusion using Minicrews"

ABOS, Clare Valley, SA , 2009

127. "Management of Obstructive Sleep Apnoea in Adults and in Children: An Evidence Based Perspective" Oration Lecture.

44th Indian Orthodontic Conference, New Delhi, November 2009

128. "Orthodontic root resorption; Do we need to worry?"

Taiwan Association of Orthodontists, 2009 Annual Meeting, Kaohsiung, Taiwan, December 2009

129. "Orthodontic root resorption; Do we need to worry?"

7th International Congress, WFO, Sydney, 6-9 February 2010

130. "Orthodontic root resorption; Do we need to worry?"

American Association of Orthodontists Annual Meeting, May 2010
Washington DC,

131. "Orthodontic root resorption; Do we need to worry?"

Dental Hospital, June 2010, Budapest, Hungary ,

132. "Orthodontics Treating Trauma, Orthodontics Causing Trauma""

Australian Society of Endodontists, August 2010, Sydney

133. "Oral Appliances and Sleep Apnoea""

Dentech China, November 2010, Sydney

134. "Oral Appliances and Sleep Apnoea""

Dentech China, November 2010, Shanghai

- 135.** "Management of Obstructive Sleep Apnoea"
Burstone Lecture I, University of Connecticut, USA
- 136.** "Interdisciplinary Treatment Challenges"
Burstone Lecture II, University of Connecticut, USA
- 137.** "TADs and New Applications_"
Burstone Lecture III, University of Connecticut, USA
- 138.** "Open Bite Correction in all ages"
American Association of Orthodontists Annual Meeting, May 2011, Chicago
- 139.** "Management of Obstructive Sleep Apnoea"
Australian Dental Association Congress, Brisbane, March 2011
- 140.** "Management of Obstructive Sleep Apnoea"
Australian Dental Association Meeting, Albury, February 2011
- 141.** "Management of Obstructive Sleep Apnoea in Orthodontics"
Australian Sleep Association DOSIG (Dental Orofacial Special Interest Group)
Sydney, October 2011
- 142.** "New Research in Orthodontics"
Australian Society of Orthodontists, NSW Brach, Clinical Day, June 2011
Sydney, October 2011
- 143.** "Management of Openbite"
Mahidol University, Bangkok, Thailand, August 2011
- 144.** "Management of Obstructive Sleep Apnoea using Oral Appliances"
South Coast ADA meeting, Wollongong, NSW, September 2011
- 145.** "Perio Ortho Interactions / Considerations"
Australian Society of Periodontists, NSW, September 2011
- 146.** "Management of Obstructive Sleep Apnoea"
23rd Australian Orthodontic Congress, Perth, Feb 2012
- 147.** "Management of Openbite Malocclusions"
SIDO - SFOD - FEO, 3rd MOIP Congress, Monte Carlo, 2012
- 148.** "Management of Obstructive Sleep Apnoea"
23rd Australian Orthodontic Congress, Perth, Feb 2012
- 149.** "Aging of the Smile"

The Art, Science and Ethics of Dentistry Meeting
Australian Dental Association, Victorian Branch, August 2012

150. "Research Update at the University of Sydney Orthodontics"
Australian Society of Orthodontists, NSW, June 2012

151. "Sleep Talk Oral Sleep Medicine 5th Annual Certification Course
Australian Sleep Association, NSW, Hunter Valley, NSW, August 2012

152. "Management of Orthodontic Malocclusions I Public System"
Northern Sydney LHD Oral health Service Professional Development Day, NSW,
November 2012

153. "How do we cause Root Resorption; Can we avoid it?"
1st Qatar Orthodontic Conference, Doha, Qatar, January 2013

154. "Orthodontics treating Trauma, Orthodontics causing trauma"
Biennial Orthodontic Congress & Exhibition, Singapore, March 2013

155. "Orthodontics treating trauma, orthodontics causing trauma"
Australian Society of Endodontology NSW Course, Sydney, May 2013

156. Swing the tooth, shrink the root ?
Sheldon Friel Memorial Lecture
89th Congress of the European Orthodontic Society, Reykjavik, Iceland, June 2013

157. "Vibration and Orthodontics"
AB Orthodontics Group, Bali, Indonesia, August 2013

158. "Can we improve the Success Rate: Clinical Applications and Sydney Mini-Screw (SMS)" - World Implant Orthodontic Congress, Phuket, Thailand, November 2013

159. "Dento-Facial Orthopaedics for Children with OSA 2. Kids, Teeth and Sleep; Working together"
American Academy of Craniofacial Pain (AACCP) International Symposium, Sydney, March 2014

160. "Mechanical Vibration in Orthodontics; What is the Evidence"
Edward H. Angle Society of Orthodontics, North Atlantic Component, Rome, Italy, April 2014

161. "Latest Research on Sleep Apnoea"
Sydney Innovation & Research Symposium, Sydney, Australia, May 2014

162. "The Occlusal Characteristics and the Management of Obstructive Sleep Apnea Patients" University of Marmara, Istanbul, Turkey, June 2014

- 163.** "Management of Trauma and Root Resorption in Orthodontics part 1 and part 2" and "Interdisciplinary treatment modalities and management of OSAS part 1 and part 2"
Katholieke University, Leuven, Belgium, June 2014
- 164.** "Use of Vibration in Orthodontics"
49th Australian Begg Society Congress Meeting, Cairns, Australia, August 2014
- 165.** "Resorption" and "Management of obstructive sleep apnoea in adults and children"
British Orthodontic Conference, Edinburgh, Scotland, September 2014
- 166.** Advances in Temporary Anchorage Devices
WIOC 2014, Anaheim USA, October 2014
- 167.** " Vibration and Orthodontics"
Australasian Postgraduate Orthodontic Meeting / ASO, Hobart TAS, March 2015
- 168.** "Treatment of patients with congenitally missing teeth and replacement with implants to avoid collapse of the facial structure"
ASID (Australian Society of Implant Dentistry), Sydney Australia, April 2015
- 169.** "The long-term skeleton-dental effects of intrusion of the maxillary posterior teeth in open bite patients"
91st Congress of the European Orthodontic Society, Venice Italy, June 2015
- 170.** "Temporary anchorage devices and Dentofacial Orthopaedics: Evidence-based update"
Class III Symposium and 6th Benefit User Meeting, Dusseldorf Germany, June 2015
- 171.**
2015 ANZ Invisalign Orthodontics Forum, Queenstown NZ, July 2015
- 172.** "Orthodontics Treating Trauma; Orthodontics Causing Trauma"
Taiwan Association of Orthodontics (TAO) Meeting, Taipei Taiwan (ROC), December 2015
- 173.** "Management of Obstructive Sleep Apnoea with Oral Appliances"
World Federation of Postgraduate Orthodontic Students (WFPOS), London UK, September 2015
- 174.** "Vibration in Orthodontics: What is the Evidence?"
8th International World Orthodontic Congress/WFO, London UK, September 2015
- 175.** "What is new with temporary anchorage devices?"
WIOC 2015, Dubai UAE, November 2015

176. "Accelerated Tooth Movement"

Sri Lankan Orthodontic Conference and Scientific Sessions, Colombo India, February 2016

177. "Management of Trauma Cases"

25th Australian Orthodontic Congress, Melbourne AUS, February 2016

178. "Accelerated Tooth Movement: What is the Evidence"

American Association of Orthodontics Conference (AAO), Orlando FL USA, April 2016

179. "Effect of Piezocision on Root Resorption"

92nd Congress of the European Orthodontic Society, Stockholm Sweden, June 2016

180. "Two Decades of Changes and Must-Haves "

50th ABSO Meeting, Broome AUS, August 2016

181. "Orthodontic Management of Complex Trauma Cases and Ankylosed Incisors"

Association of Orthodontists Congress (AOSC), Singapore, February 2017

182. " Management of Trauma Ankylosed Incisors in Orthodontics"

AAEDC Dubai World Orthodontic 2017 Conference, Dubai UAE, February 2017

183. "Management of Obstructive Sleep Apnoea in Adults and in Children"

Australasian Postgraduate Orthodontic Meeting / ASO, Brisbane QLD, February 2017

184. "The penetration level of Soft Laser and its effect of Soft Laser on Orthodontic Resorption and Pain"

EH Angle Society of Orthodontists North Atlantic Component, Washington DC USA, April 2017

185. " The effects of Micro-Osteoperforations using the Propel Appliance on Orthodontic Root Resorption - A Microcomputed Tomographic Study"

93rd European Orthodontic Society Congress, Montreaux Switzerland, June 2017

186. " All about open bites: When do we really need TADs? "

WIOC 2017, Kobe, Japan, July 2017

187. " Management of Obstructive Sleep Apnoea in Adults and in Children "

The E.H. Angle Society Midwest Biennial Meeting, Chicago, USA, September 2017

188. " Management of Obstructive Sleep Apnoea in Adults and in Children " and " Accelerated Tooth Movement: What is the Reality? "

AAEDC Dubai World Orthodontic Conference, UAE, February 2018

189. "Management of Obstructive Sleep Apnoea in Adults and in Children "

26th Australian Orthodontic Congress, Sydney AUS, March 2018

- 191.** "Effects of Micro-Osteoperforations and Piezocision on Orthodontic Tooth Movement: Split Mouth, Randomized Controlled Clinical Trial".
94th Congress of the European Orthodontic Society, Edinburgh UK, June 2018
- 192.** "Management of Trauma"; "Management of Obstructive Sleep Apnoea";
"Management of Orthodontic Root Resorption".
University of Airlangga, Indonesia, September 2018
- 193.** "Long-term effects of the use of TADs in Class III Patients".
WIOC 2018, Bali, Indonesia, September 2018
- 194.** "Management of Trauma Cases with focus to ankylosed teeth"; "Can we accelerate the Orthodontic Tooth Movement?"; "Management of Vertical Dimension";
What is the reality about the Orthopaedic Management of Class III's?"; "Management of Orthodontic Root Resorption".
Boychuk Memorial Orthodontic Lecture, University of Alberta, Edmonton, Canada
September 2018
- 195.** "Management of Class III Malocclusion and Vertical Dimension", Dentist and
Orthodontist forum, Shanghai PRC, October 2018
"Management of Sleep Apnoea", Hy Bo Dental Hospital, Shanghai, PRC, October 2018
- 196.** "Timing of orthodontic intervention in mixed dentition".
ANSPD Scientific Meeting (Australia & New Zealand Society of Paediatric Dentistry,
NSW), Sydney, Australia October 2018
- 197.** "Digital Technology in Orthodontics".
SNUUSD International Conference for Future Dentistry (Seoul National University
School of Dentistry), Seoul, Korea, October 2018
- 198.** "Management of Trauma".
Department of Paediatrics, National University of Singapore, Singapore, February
2019
- 199.** "Digital Technology in Orthodontics and Management of Vertical Dimension".
Scientific Conference HCMC, Ho Chi Minh City, March 2019
- 200.** "Open Bite Correction using Aligners".
American Association of Orthodontics Conference (AAO), Los Angeles, CA, May 2019
- 201.** "Root Resorption: What is the reality".
Societa Italiana di Orthodonzia (SIDO), Rome, May 2019
- 202.** "Jury is back, We have a Verdict; Accelerated Tooth Movement is Guilty".
95th Congress of the European Orthodontic Society, Nice, France, June 2019

- 203.** "Management of Vertical Dimension".
Australian Society of Lingual Orthodontics, Sydney August 2019
- 204.** "Management of Vertical Dimension".
ADA / WA Perth, August 2019
- 205.** "Management of Trauma".
Indonesian Society of Orthodontists August 2019
- 206.** "Management of Vertical Dimension".
Indonesian Society of Orthodontists August 2019
- 207.** "Extraction versus Non-extraction Decision"; "Management of Obstructive Sleep Apnoea";
University of Airlangga, Indonesia, August 2019
- 208.** "Management of Trauma in Orthodontics "
New Zealand Association of Orthodontists, September 2019
- 209.** "Management of Class III";
World Implant Orthodontic Congress, Bucharest, Romania, October 2019
- 210.** " Management of Obstructive Sleep Apnoea by orthodontists", "what is the reality about the Orthopaedic Management of Class IIs and class III" "Management of Vertical Dimension" "New perspective in the management of Trauma Cases" "Management of Orthodontic Root Resorption"
Societe Suisse d'Orthopedie Dento-Facial, Interlaken, Switzerland, October 2019
- 211.** "Management of Vertical Dimension"; "Management of Orthodontic Root Resorption"
Turkish Orthodontic Society Symposium, Bodrum, Turkey, November 2019
- 212.** "Maxillary Expansion and Paediatric Airway"
Inspiration by Integration, Melbourne, February 2020
- 213.** "Management of Vertical Dimension"
Australasian Clear Aligner Society Symposium, Sydney, February 2020

12.3 CONTINUING EDUCATION LECTURES AND COURSES

1. "Magnetic forces and magnetic fields in orthodontics and dentofacial orthopedics".
Annual meeting of the Spanish Orthodontic Society,
Madrid, Spain, November 1994.
2. "Utilisation des aimants dans les traitements d'Orthopédie Dento-Faciale".
Association Dentaire de Lorraine,
Metz, France, September 1995.
3. An Interview was conducted during the course and later presented by telecast
during the programme "Top Santé" of the Channel RTL9
Luxembourg on 3rd October 1995.
4. "Learning together about aesthetic dentistry."
Dental Aesthetics,
Sebel Hotel, Sydney, July, 1997.
5. "Speed Technique Course".
6th International Congress of the Turkish Orthodontic Society,
Istanbul, Turkey, June 1998.
6. "Biomechanics of Tooth Movement."
Long Course (Ortho),
Hotel Furama., November, 1998.
7. "Adjunctive Orthodontics".
Long Course (Ortho),
MGM Building, September, 1999.
8. "Class III Treatment".
Long Course (Ortho),
MGM Building, September, 1999
9. "Interdisciplinary Treatment".
CE Lecture,
United Dental Hospital, May, 2000.
10. "Speed Technique Course".
Pre-Congress Course,
100th American Orthodontic Society Meeting,
Chicago, USA, 2000.
11. "Biomechanics of Tooth Movement".
Long Course (Ortho),
Sebel Hotel, Sydney, November, 2000.
12. "Speed Technique Course".
Stomatologic Hospital,
Guangzhou, China, 2000.
13. "Speed Users Meeting".
Deerhurst,

Toronto, 2001.

14. "Biomechanics of Tooth Movement".

Long Course (Ortho),

Sebel Hotel, Sydney, November, 2001.

15. "Functional Appliances".

Long Course (Ortho),

United Dental Hospital, September, 2001.

16. "Class II Malocclusion and Treatment".

Long Course (Ortho),

United Dental Hospital, October, 2001.

17. "Snoring and Sleep Apnoea".

CE Course,

Sebel Hotel, Sydney, August, 2002.

18. "Biomechanics of Tooth Movement".

Long Course (Ortho),

Sebel Hotel, Sydney, November, 2002.

19. "Snoring and Sleep Apnoea".

CE Course,

Sebel Hotel, Sydney, April, 2003.

20. "Functional Appliances".

Long Course (Ortho),

United Dental Hospital, September, 2003.

21. "Class II Malocclusion and Treatment".

Long Course (Ortho),

United Dental Hospital, October, 2003

22. "Biomechanics of Tooth Movement".

Long Course (Ortho),

Sebel Hotel, Sydney, November, 2003.

23. "Snoring and Sleep Apnoea".

CE Course,

Sebel Hotel, Sydney, July, 2004

24. "Biomechanics of Tooth Movement".

Long Course (Ortho),

Sebel Hotel, Sydney, November, 2004.

25. "Snoring and Sleep Apnoea".

CE Course,

Citigate Sebel Sydney, July, 2005.

26. "Functional Appliances".

Long Course (Ortho),

United Dental Hospital, September, 2005.

27. "Class II Malocclusion and Treatment".

Long Course (Ortho),

United Dental Hospital, October, 2005

28. "Biomechanics of Tooth Movement".

Long Course (Ortho),

Hotel Furama., November, 2005.

29. "Sleep Apnoea and Snoring: What You Need to Know"

CE Course

Sebel Hotel, Sydney July 2006

30. "Biomechanics of Tooth Movement".

Long Course (Ortho),

Hotel Furama., November, 2006.

31. "Sleep Apnoea and Snoring: What You Need To Know"

CE Course

Sebel Hotel, Sydney August 2007

32. "Functional Appliances".

Long Course (Ortho),

United Dental Hospital, September, 2007

33. "Class II Malocclusion and Treatment".

Long Course (Ortho),

United Dental Hospital, October, 2007

34. " Mini-Screws / Hands on Course",

Australian Dental Association Centre, Sydney 30 August 2008

35.. " Mini-Screws / Hands on Course",

Marriott Hotel, Nelson, New Zealand, 3rd September 2008

36. " Mini-Screws / Hands on Course",

Australian Dental Association Centre, Sydney, 8th November 2008

37. "Mini Screws/Hands on Course".

The University of Queensland, QLD 2009,

38. "Sleep Apnoea and Snoring: What You Need to Know".

CE Course

Sebel Hotel, Sydney 2009

39. "Mini Screws/Hands on Course; Mondeal Technique".

Novotel, QLD 2009,

40. "Mini Screws/Hands on Course".

University of Hong Kong, April 2010

41. "Sleep Apnoea and Snoring: What you need to know"

CE Course, Sydney, August 2012

42. "The traumatized central incisor: the first piece of the puzzle"

ASE Full Day Course, Sydney, May 2013

43. "How do we cause root resorption: Can we avoid it?"

American Association of Orthodontics (AAO), Philadelphia, May 2013

44. "Sleep Apnoea and Snoring: What you need to know"

CE Course, Novotel Sydney Central, Sydney, August 2013

45. "Interdisciplinary treatment modalities and case management, and Management of Obstructive Sleep Apnoea.

Orto-fan Dental Educational Program, Warsaw Poland, March 2014

46. Evidence on the effects of mechanical vibration on orthodontic tooth movement, condylar and epiphyseal growth and on root resorption

ABOS Meeting, Cairns QLD, August 2014

47. "Vibration in Orthodontics | Treating Trauma | Management of OSA in Adults & Children | Root Resorption | Interdisciplinary Case Management"

University of Western Australia, Perth, September 2014

48. "Orthodontists Dealing with Trauma & Bone Loss"

Ortho Ed Pro Clinical Day, Perth, Western Australia, September 2014

49. "Temporary anchorage devices and Dentofacial Orthopaedics: Evidence-based update"

Class III Symposium and 6th Benefit User Meeting, Dusseldorf Germany, June 2015

50. "Multidisciplinary treatment Ortho/Perio and management of Trauma Cases; Use of Bone Anchors; Movement accelerated orthodontics; Sleep Apnoea Management"

Dental & Orthodontic Society Group, Geneva Switzerland, January 2016

51. "Transverse Maxillary Discrepancy & class III treatment"

CE Long Course (Ortho), Sydney, September 2016

- 51.** "Functional appliance and Class II treatment"
CE Long Course (Ortho), Sydney, November 2016
- 52.** "Removable Appliances incl functional appliances: indications, use and design"
CE Long Course (Ortho), Sydney, January 2017
- 53.** "Anteroposterior & Transverse Maxillary Deficiency"
CE Long Course (Ortho), Sydney, July 2017
- 54.** "Functional Appliances Part I & II"
CE Long Course (Ortho), Sydney, August 2017
- 55.** "Removable Appliances including Functional Appliances (indications, use & design)"
CE Long Course (Ortho), Sydney, January 2018
- 56.** "Use of Orthodontics for treatment planning/develop site and implants as anchorage"
Grad Dip Implants, University of Sydney, August 2018
- 57.** "AP & Transverse Maxillary Deficiency Functional Appliances"
CE Long Course (Ortho), Sydney, August 2018
- 58.** "Dental as Anything"
Department of Sleep Medicine, Sydney Children's Hospital, Randwick, January 2018
- 59.** "Management of Complex Orthodontic treatments"
University of Melbourne, Melbourne Australia, March 2018
- 60.** "Management of Trauma", University of Hiroshima,
Hiroshima Japan, April 2018
- 61.** "Management of Trauma" and "Management of Sleep Apnoea"
University of Otago, Orthodontic Postgraduate students,
Dunedin, New Zealand, November 2018

13. PUBLICATIONS

13.1 THESES

- 1.** "Devamlı ve sabit kuvvet uygulamak için oluşturulan yeni bir düzenegin kanin distalizasyonu için kullanımı ve etkinliginin incelenmesi".
(The effects of a spring, delivering a constant and continuous force on the upper canine distalization).
PhD Thesis, University of Gazi, Ankara, Turkey, 1993.

2. "Darbeli elektromanyetik alanların ve statik manyetik alanların ortodontik diş hareketlerine etkilerinin kobaylarda incelenmesi".
(The effects of static and pulsed electromagnetic fields on the rate of orthodontic tooth movements using a guinea pig model).
Specialization Thesis, University of Gazi, Ankara, Turkey, 1993.
3. "Magnetic forces in orthodontics and biological implications".
Privat Docent (DDSc) Thesis, University of Geneva, Switzerland, 1997

13.2 BOOKS / CHAPTERS

1. Joho J.P., Darendeliler M.A. "Correction of Class II/1 Malocclusions with the Help of a Magnetic Field". In : "Biomechanical Principles in Orthodontics", Hösl H. and Baldauf A. (eds) Hüthig Verlag, Heidelberg, 1991.
2. Darendeliler, M A 2010, Early Maxillary Expansion, Orthodontic and Dentofacial Orthopedic Treatment, Georg Thieme Verlag Kg, Germany, 1, 155-178
3. Darendeliler M. A., Kharbanda O.P. "Occlusion in Orthodontics,
Klieneberg Iven,.
4. Cistulli PA, Darendeliler MA. Oral Appliances for the Treatment of Obstructive Sleep Apnea. In: Peter JH, Penzel T (eds). Encyclopedia of Sleep Medicine. Springer-Verlag, Berlin Heidelberg New York, pp XXX.
5. Cistulli PA, Darendeliler MA. Oral Appliance Therapy for Snoring and Obstructive Sleep Apnea. In: Pack AI (ed). Sleep Apnea: Pathogenesis, Diagnosis and Treatment (2nd Ed). Taylor & Francis
6. Cistulli PA. Darendeliler MA Oral Appliances. In: Kushida C (ed). Obstructive Sleep Apnea: Clinical Issues, Diagnosis, and Treatment. Taylor & Francis
7. Darendeliler MA, Byloff F, Cheng G. Molar Distalisation Using Pendulum Appliance In: Papadopoulos M. Non-Cooperative Appliances, 2007
8. Darendeliler MA and Cheng Lam. Root Resorption in Orthodontics. In: Self Ligating Appliances. Eliades T. in press
9. Darendeliler MA and Kharbanda OP. Orthognathic Surgery and Orthodontics. In: Postgraduate Hand Book. Kharbanda OP. Elsevier ISBN no 978-81-312-1568-5 First Edition 2009
10. Darendeliler MA. Class III Malocclusion in Growing Patients. In: Postgraduate Hand Book. Kharbanda OP. Elsevier ISBN no 978-81-312-1568-5 First Edition 2009
11. Darendeliler MA, Cheng LL, Pirelli P, Cistulli P. Dentofacial Orthopedics In: Sleep Medicine for Dentists, A Practical Overview Lavigne GJ, Cistulli PA, Smith MT (eds) Quintessence Publishing Co Inc 2009
12. Darendeliler MA. Class III Malocclusion in Growing Patients. In: Postgraduate Hand Book. Kharbanda OP. Elsevier ISBN 978-81-312-2820-3 2nd Edition 2013
13. Chan E, Darendeliler MA. Routine Mechanics and Aligners (Extraction/Nonextraction)" In: Orthodontic Aligner Treatment: A Review of Materials, Clinical Management, and Evidence". In print , 2020

14. Chan E, Darendeliler MA. "Early Treatment in pre-teens and teenagers using aligners" In: *Orthodontic Aligner Treatment: A Review of Materials, Clinical Management, and Evidence*". In print , 2020

13.3 REFERRED JOURNAL PUBLICATIONS

1. Darendeliler A., Paschoud Y., **Darendeliler M.A.**, Maréchaux S.C. "Teenage luxation injury: Report of case". *Journal of Dentistry for Children* 59(4): 277-281, 1991.
2. **Darendeliler M.A.**, Joho J.P. "Class II bimaxillary protrusion treated with magnetic forces, case report". *Journal of Clinical Orthodontics* 26(6): 361-368, 1992.
3. **Darendeliler M.A.**, Chiarini M., Joho J.P. "Early Class III treatment with magnetic appliances, case report". *Journal of Clinical Orthodontics* 27(10): 563-569, 1993.

Published in Italian (at the request of the editorial board of the journal *Mondo Ortodontico*) : "Trattamento precoce di una terza Classe con apparecchiature magnetiche". *Mondo Ortodontico* 19: 387-393, 1994.

4. **Darendeliler M.A.**, Joho J.P. "Magnetic Activator Device II (MAD II) for correction of Class II, Division malocclusions". *American Journal of Orthodontics and Dentofacial Orthopedics* 103(3) : 223-239, 1993.
Published in Italian (at the request of the editorial board of the corresponding journal): "Attivatore magnetico II (MAD II) per la correzione di malocclusioni di Classe II, Divisione 1". *American Journal of Orthodontics and Dentofacial Orthopedics*, edizione Italiana, 7(6): 366-384, 1993.
5. **Darendeliler M.A.**, Ingervall B., Gianelly A., Kürol J., Rygh P., Schmuth G.F., Vardimon A.D. "Magnets in Orthodontics". *European Journal of Orthodontics* 15(3): 421-424, 1993.

Published in Italian (at the request of the editorial board of the journal *Mondo Ortodontico*): "Magnets in Orthodontics". *Mondo Ortodontico*, 18 (3): 297-301, 1993.

6. **Darendeliler M.A.**, Strahm C., Joho J.P. "Light maxillary expansion forces with Magnetic Expansion Device (MED)". *European Journal of Orthodontics* 16(6): 479-490, 1994.
7. **Darendeliler M.A.**, Friedli J.M. "Treatment of palatally impacted canines with magnets". *Journal of Clinical Orthodontics* 28(11): 639-643, 1994.

8. **Darendeliler M.A.**, Sinclair P.M., Kusy R.P. "The effects of samarium cobalt magnets and pulsed electromagnetic fields on tooth movement". *American Journal of Orthodontics and Dentofacial Orthopedics* 107: 578-88, 1995.
9. Luty-Burhop B., Strahm C., **Darendeliler M.A.** "Traitement orthodontique précoce d'un cas de Classe III: Une alternative". *Revue Mensuelle Suisse d'Odonto-stomatologie* 105(7): 940-949, 1995.
10. Yüksel S., **Darendeliler M.A.**, Meral O. "Magnetisch herbeigeführter Durchbruch impaktierter Prämolaren bei erblich veranlagten Patienten". *Informationen aus Orthodontie und Kieferorthopädie* 27(2): 149-156, 1995.
11. **Darendeliler M.A.**, Yüksel Y., Meral O. "Openbite correction with Magnetic Activator Device IV (MAD IV)". *Journal of Clinical Orthodontics* 29(9): 569-576, 1995.
12. **Darendeliler M.A.** "The Smart Clasp (SC): A modified Adams clasp". *Journal of Clinical Orthodontics* 29(10): 645-646, 1995.
13. **Darendeliler M.A.**, Lorenzon C. "A new maxillary Expander: LDSE, light continuous force and autoblocking system". *Journal of Clinical Orthodontics* 30(4): 212-216, 1996.
14. **Darendeliler M.A.**, Darendeliler A., Sinclair M. P. "The effect of static magnetic and electromagnetic fields on bone healing in guinea pigs". *The International Journal of Adult Orthodontics and Orthognathic Surgery* 12:43-53, 1997.
15. **Darendeliler M.A.**, Darendeliler H., Üner O. "The Drum Spring: A constant and continuous force for cuspid retraction". *European Journal of Orthodontics* 19(2): 115-130, 1997.
16. **Darendeliler M.A.**, Darendeliler A., Mandurino M. "Clinical application of magnets in orthodontics and biological implications". *European Journal of Orthodontics* 19(4): 479-490, 1997.
17. Byloff F., **Darendeliler M.A.** "Distal molar movement using pendulum appliance Part I: Clinical and radiologic evaluation". Part I. *Angle Orthodontist* 67(4): 249-260, 1997.
18. Byloff F., **Darendeliler M.A.**, Clar E., Darendeliler A. "Distal molar movement using pendulum appliance Part II: The effects of maxillary molar root uprighting bends". *Angle Orthodontist* 67(4): 261-270, 1997.
19. **Darendeliler M.A.**, Strahm C. "Forces magnétiques légères d'expansion: Une étude préliminaire". *American Journal of Orthodontics and Dentofacial Orthopedics, Edition française* 3(2): 26A-42A, 1997.

20. Nowroozi N., Liu Y.H., Maxson R., **Darendeliler M.A.**, Zernik J.H. "Msx2 gene expression in adult mice skeletal tissues demonstrated using transgenic mice". In: *Biological Mechanisms of Tooth Eruption, Resorption and Replacement by Implants*. Z Davidovitch and J Mah Editors, Harvard Society for Advancement of Orthodontics, Boston, Massachusetts, pp 531 - 537. 1998.
21. **Darendeliler M.A.**, Darendeliler A. "The effects of static magnetic fields and pulsed electromagnetic fields on the epiphysial cartilage using guinea pig and rat model". In: *Biological Mechanisms of Tooth Eruption, Resorption and Replacement by Implants*. Z Davidovitch and J Mah Editors, Harvard Society for Advancement of Orthodontics, Boston, Massachusetts, pp 531 - 537. 1998.
22. **Darendeliler M.A.** "Magnets in Orthodontics", Interview. *The Journal of Indian Orthodontic Society*. 31(2): 33-37, 1998
23. Byloff F., **Darendeliler M.A.**, Stoff F. "Mandibular Molar Distalization: The Franzulum Appliance". *Journal of Clinical Orthodontics*. 34(9): 518-523, 2000.
24. Stramotas S., Geenty J.P., **Darendeliler M.A.**, Byloff F., Berger J., Petocz P. " The reliability of crown-root ratio, linear and angular measurements on panoramic radiographs". *Clinical Orthodontics and Research*. 3; 182-191, 2000.
25. Coombe A., Ho C.T.G., Philips J.R., Chapple C.C., Yum L.W.P., **Darendeliler M.A.**, Hunter N. "The effects of low laser laser irradiation on osteoblastic cells". *Clin Orthod Res*. 2001; 4: 3 - 14.
26. Barry A., **Darendeliler M.A.** "Surgical correction of a Class III malocclusion case with mandibular asymmetry". *World Orthod J* 2001; 2:33-44.
27. Mehta A., Qian J., Petocz P., **Darendeliler M.A.**, Cistulli P.A. "A randomised, placebo-controlled cross-over study of a Mandibular Advancement Splint for Obstructive Sleep Apnea". *Am J Resp Cri Care Med* 2001; 163: 1457 - 1461.
28. Malek S., **Darendeliler M.A.**, Swain M.V. "Physical properties of root cementum: Part I. A new method for 3-dimensional evaluation". *Am J Orthod Dentofacial Orthop* 2001; 120: 198-208.
29. Nangia A., **Darendeliler M.A.** "Finishing occlusion in class II or class III molar relation: Therapeutic Class II and III", *Aust Orthod J* 2001; 17: 89 - 94.
30. Sivaneswaran S., **Darendeliler M.A.** "Profile of orthodontic services provided in private practice by general practitioners and specialist orthodontists for an Insured population". *Aust Orthod J* 2001; 17: 95 - 102.

31. Malek S., Rapaport M., **Darendeliler M.A.** "Varying treatments of Class II malocclusions: Two case reports". 2001; Aust Orthod J 17: 103 - 114.
32. Stramotas S, Geenty JP, **Darendeliler MA**, Petocz P. "Accuracy of linear and angular measurements on panoramic radiographs taken at various positions in vitro". Eur J Orthod 2002; 24: 43 - 52.
33. Moate S., **Darendeliler MA.**, "Cephalometric norms for the Chinese: a compilation of existing data ". Aust Orthod 2002; J 18: 19-26.
34. Pitsis A., **Darendeliler M.A.**, Gotsopoulos H., Petocz P., Cistulli P. "Effect of Vertical Dimension on Efficacy of Mandibular Advancement Splint Therapy in Obstructive Sleep Apnea". Am J Resp Cri Care Med 2002; 166:860-4.
35. **Darendeliler M A** Interdisciplinary dental care of an adult patient Leban J of Dent Med 2002; 1:2:7-13.
36. Malek S, **Darendeliler M A**, Rex T, Kharbanda O P, Srivicharnkul P, Petocz P, Swain M V Physical properties of root cementum: Part II. The effects of different storage methods. Am J Orthod and Dentofac Orthop 2003; 124:561-70.
37. Ngan D, Kharbanda O P, Geenty J P, **Darendeliler M A** Comparison of radiation levels from computed tomography and conventional dental radiographs. Aust Orthod J 2003; 19:67-75.
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