



### Personal details

- Date of birth: January, 9th 1979.
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- Languages: Catalan (native), Spanish (native), English (Advanced certificate).

### Education

- 2009: Course on animal experimentation science (Universitat Autònoma de Barcelona, Spain). European C Felasa level.
- 2008: PhD in Dentistry (Universitat Internacional de Catalunya (UIC), Barcelona, Spain).
- 2007-08: Postgraduate in dental research (UIC).
- 2003-2005: Master in Endodontics (UIC).
- 1997-2002: Dental degree (UIC)

### Work experience

- 2006-now: professor of restorative dentistry and endodontics department (UIC)
- 2013-now: Vice-dean for research, Faculty of Dentistry (UIC)
- 2005-now: Clinical practice limited to Endodontics in 3 dental offices ([www.cambraclinic.com](http://www.cambraclinic.com); [www.clinicapuyuelo.es](http://www.clinicapuyuelo.es); Dental Clinic Cortada).

### Indexed publications

Title	Authors	Journal	Year	Issue	Pages
Antimicrobial efficacy of 4.2% sodium hypochlorite adjusted to pH 12, 7.5, and 6.5 in infected human root canals	<b>M Mercade</b> , F Duran-Sindreu, S Kuttler DDS, M Roig, N Durany	Oral Surg Oral Med Oral Pathol Oral Radiol Endod	2009	107	295-298
Comparative study of the microtensile bond strength of three different total etch adhesives with different solvents to wet and dry dentin. (In Vitro Test)	N Orellana, R Ramírez, M Roig, L Giner, <b>M Mercade</b> , F Durán, G Herrera	Acta Odontol. Latinoam	2009	22	47-56
Efficacy of three different rotary files to remove gutta-percha and Resilon from root Canals	K Marfisi, <b>M Mercadé</b> , G Plotino, F Duran-Sindreu, R Bueno, M Roig	Int Endo J	2010	43	1022-1028

Apical transportation created using three different patency instruments	JA Gonzalez-Sanchez, F Duran-Sindreu, M Albuquerque Matos, T Garcia Carabaño, <b>M Mercadé Bellido</b> , S Morelló Castro, M Roig Cayón	Int Endo J	2010	43	560-564
Optical integration and fluorescence: a comparison among restorative materials with spectrophotometric analysis	D Lefever, JR Mayoral, <b>M Mercadé</b> , J Basilio, M Roig	Quintessence Int	2010	41	837-844
Invasive cervical resorption: report on two cases	M Roig, S Morelló, <b>M Mercadé</b> , F Duran-Sindreu	Oral Surg Oral Med Oral Pathol Oral Radiol Endod	2010	110	e64-69
Evaluation of the Raypex 5 and the mini apex locator: an in vivo study	E Stober, J de Ribot, <b>M Mercadé</b> , J Vera, R Bueno, M Roig, F Duran-Sindreu	J Endodon	2011	37	1349-1352
An evaluation of root ZX and Ipxec locators: an in vivo study	E Stober, F Duran-Sindreu, <b>M Mercadé</b> , J Vera, R Bueno, M Roig	J Endodon	2011	37	608-610
Managing severe curvatures of radix entomolaris: three dimensional analysis with cone beam computer tomography	F Abella, <b>M Mercadé</b> , F Duran-Sindreu, M Roig	Int Endo J	2011	44	876-885
Horizontal root fracture treated with MTA, a case report with a 10-year follow-up	M Roig, J Espona, <b>M Mercadé</b> , F Duran-Sindreu	Dental traumatol	2011	27	460-463
Objective and subjective measures for assessing anxiety in paediatric dental patients	F. Guinot Jimeno, S. Yuste Bielsa, C. Cuadros Fernández, A. I. Lorente Rodríguez, <b>M. Mercadé Bellido</b>	European Journal of Paediatric Dentistry	2011	12	239-244
A comparison of apical transportation between Flexmaster and Twisted Files rotary instruments	F Duran-Sindreu, M Garcia, G Olivieri, <b>M Mercadé</b> , S Morelló, M Roig	J Endodon	2012	38	993-995
A comparison of apical transportation between Profile and RaCe rotary instruments	M Garcia, F Duran-Sindreu, <b>M Mercadé</b> , R Bueno, M Roig	J Endodon	2012	38	990-992
Evaluating the periapical status of teeth with irreversible pulpitis by using cone-beam computed tomography and periapical radiographs	F Abella, S Patel, F Duran-Sindreu, <b>M Mercadé</b> , R Bueno, M Roig	J Endodon	2012	38	1588-91
Mandibular first molars with disto-lingual roots: review and clinical management	F Abella, S Patel, F Duran-Sindreu, <b>M Mercadé</b> , M Roig	Int Endo J	2012	45	963-78
In vivo evaluation of the Raypex 5 by using different irrigants	S Gomes, R Oliver, C Macouzet, <b>M Mercadé</b> , M Roig, F Duran-Sindreu	J Endodon	2012	38	1075-1077
Treatment of a perforating inflammatory external root resorption with mineral trioxide aggregate and histologic examination after extraction	JG Olivieri, F Duran-Sindreu, <b>M Mercadé</b> , N Pérez, M Roig	J Endodon	2012	38	1007-1011

Comparison of in vivo and in vitro readings when testing the accuracy of the root ZX apex locator	F Duran-Sindreu, E Stober, <b>M Mercadé</b> , J Vera, M Garcia, R Bueno, M Roig	J Endodon	2012	38	236-239
Centring ability and apical transportation with protaper universal and profile vortex instruments	JA González Sánchez, F Duran-Sindreu, S de Noé, <b>M Mercadé</b> , M Roig	Int Endo J	2012	45	542-551
Color stability of siloranes versus methacrylate-based composites after immersion in staining solutions	Arocha MA, Mayoral JR, Lefever D, <b>Mercade M</b> , Basilio J, Roig M	Clin Oral Invest	2013	17	1481-1487
In vivo evaluation of the iPex and Root ZX electronic apex locators using various irrigants	Duran-Sindreu, F., Gomes, S., Stöber, E., <b>Mercadé, M.</b> , Jané, L., Roig, M	Int Endo J	2013	46	769-774
Clinical and radiographic outcomes of the use of four dressing materials in pulpotomized primary molars: a randomized clinical trial with 2-year follow-up	Fernández CC, Martínez SS, Jimeno FG, Lorente Rodríguez AI, <b>Mercadé M</b>	International Journal of Paediatric Dentistry	2013	23	400-407
Color stability of white mineral trioxide aggregate	M Vallés, <b>M Mercadé</b> , F Duran-Sindreu, JL Bourdelande, M Roig	Clin Oral Invest	2013	17	1155-1159
An evaluation of the periapical status of teeth with necrotic pulps using periapical radiography and cone-beam computed tomography	Abella, F., Patel, S., Durán-Sindreu, F., <b>Mercadé, M.</b> , Bueno, R., Roig, M	Int Endo J	2014	47	387-396
Root Canal Morphology of Chalcolithic and Early Bronze Age Human Populations of El Mirador Cave (Sierra de Atapuerca, Spain)	Ceperuelo D, Lozano M, Duran-Sindreu F, <b>Mercadé M</b>	The anatomical Record	2014	297	2342–2348
Effect of audiovisual distraction on children's behaviour, anxiety and pain in the dental setting	F Guinot Jimeno, <b>M Mercadé Bellido</b> , C Cuadros Fernández, AI Lorente Rodríguez, J Llopis Pérez, JR Boj Quesada	European Journal of Paediatric Dentistry	2014	15	297-302
Colour stability of self-adhesive flowable composites before and after storage in water	M Arregui, L Giner, M Ferrari, <b>M Mercadé</b>	Key Engineering Materials	2015	631	143-150
Efficacy of Reciproc and Profile Instruments in the Removal of Gutta-Percha from Straight and Curved Root Canals ex Vivo	K Marfisi, <b>M Mercadé</b> , G Plotino, T Clavel, F Duran-Sindreu, M Roig	J Oral Maxillofac Res	2015	6	e1:1-8
Supernumerary fourth molar and dental pathologies in a Chalcolithic individual from the El Mirador Cave site (Sierra de Atapuerca, Burgos, Spain)	D Ceperuelo, M Lozano, F Duran-Sindreu, <b>M Mercadé</b>	HOMO-Journal of Comparative Human Biology	2015	66	15–26
Comparative study of interim materials for direct fixed dental prostheses and their fabrication with CAD/CAM technique	L Peñate, J Basilio Monné, M Roig Cayón, <b>M Mercadé</b>	Journal of prosthetic dentistry	2015	114	248-53
Short-term treatment outcome of pulpotomies in primary molars using Mineral Trioxide Aggregate and Biodentine: a randomized clinical trial	C Cuadros Fernández, A Lorente Rodríguez, S Saez, J García, I About, M Mercadé	Clin Oral Invest	2015	in press	

Color stability of teeth restored with Biodentine: a 6-month in vitro study	M Valles, M Roig, F Duran-Sindreu, S Martínez, M Mercade	J Endodon	2015	41	1157-60
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### **Other research/academic activities**

- More than 60 congress presentations (poster, oral communications)
- More than 20 national and international conferences about endodontics

### **Member of scientific societies**

- American Association of Endodontists (AAE)
- International Association of Dental Traumatology (IADT)
- International Association for Dental Research (IADR)
- Spanish Endodontic Society (AEDE)
- Spanish Society for Restorative Dentistry (SEOC)
- Spanish Society for Periodontology (SEPA)

### **Referee of scientific journals**

- Case reports in dentistry
- International Journal of Dental Science and Research
- Journal of Dentistry and Oral Hygiene
- Journal of Forensic Dental Science
- Journal of Oral Research
- Referee of the New Zealand annual grant