




<b>Laboratory Name</b>	Clinical Research Unit (CRU)	
<b>Main Goals:</b>	<p>The Unit develops its activity in the scientific domains of Periodontology, Preventive/ Community Dentistry, Oral Surgery, Implantology, Oral Pathology, Restorative Dentistry, Oral Rehabilitation, Endodontics, Pediatric Dentistry, Odontogeriatrics and Dental Materials promoting research, teaching and medical care provided by IUEM faculty, staff and students. The CRU is a structure of coordination and support for clinical research projects and pre- and post-graduate training.</p>	

<b>Lab Head</b>	José João Mendes, PhD Ricardo Castro Alves, PhD
<b>Group</b>	Cristina Manso (PhD) Ana Azul (PhD) Ana Delgado (PhD) Pedro Mariano Pereira (PhD) Helder Costa (PhD) Irene Ventura (PhD) Luísa Lopes (PhD) Francisco Salvado (PhD) Carlos Zagalo (PhD) Paulo Maia (PhD) José Silva Marques (PhD)



	Paulo Mauricio (PhD)
	Sérgio Félix (PhD)
	Vitor Tavares (PhD)
	João Rua (MsC)
	Paulo Monteiro (MsC)
	João Botelho (MsC)
	Vanessa Machado (MsC)
	Pedro Rodrigues (MsC)
	João Gaspar (MsC)
	Catarina Izidoro (MsC)
	Jorge Vagarinho (MsC)
	Sara Sardinha (MsC)
	Dinis Pereira (MsC)
	Raquel Barata (MsC)
	Gunel Kizi (MsC)
<b>Senior Researchers</b>	
<b>PhD Students</b>	Dinis Pereira
	João Botelho
	Vanessa Machado
<b>Research Projects (from 2013)</b>	Periodontal disease, bone regeneration and implantology
	Dental materials
	Oral diseases biomarkers



Oral epidemiology and quality of dental care - Big Data Project

**Publications (10 most relevant, last 5 years)**

Neves J, de Araújo Nobre M, Oliveira P, Martins Dos Santos J, Malo P. Risk Factors for Implant Failure and Peri-Implant Pathology in Systemic Compromised Patients. *J Prosthodont.* 2016 Jun 27. doi: 10.1111/jopr.12508

João Botelho, Maria Alzira Cavacas, Gonçalo Borrecho, Mário Polido, Pedro Oliveira, José Martins dos Santos. Human ex vivo dentin-pulp complex preservation in a full crown model. *Journal of Oral Biology and Craniofacial Research* / 7(1), January-April 2017, pp. 19-22.

João Botelho, Maria Alzira Cavacas, Vanessa Machado, José João Mendes. Dental Stem Cells: recent progresses in tissue engineering and regenerative medicine. *An n M e d . 2 0 1 7 D e c ; 4 9 ( 8 ) : 6 4 4 - 6 5 1 .* doi : 10.1080/07853890.2017.1347705

Paulo Monteiro, Pedro Brito, João Rua, Sillas Duarte Jr., José João Mendes. The Biodigital Alveolar Model: An Alternative for a Predictable Esthetic Outcome With Ultrathin Porcelain Veneers. *QDT (Quintessence Digital Technology)* 2017.

Martins F, Branco P, Reis J, Barbero Navarro I, Maurício P. Dimensional stability of two impression materials after a 6-month storage period. *Acta Biomater Odontol Scand.* 2017 Nov 14;3(1):84-91. doi: 10.1080/23337931.2017.1401933.

Bombert F, Manso AC, Sousa Ferreira C, Nogueira P, Nunes C. Sociodemographic factors associated with oral health in 12-year-old adolescents: hygiene behaviours and health appointments. A cross-sectional national study in Portugal. *Int Dent J.* 2018 Apr 6. doi: 10.1111/idj.12390.

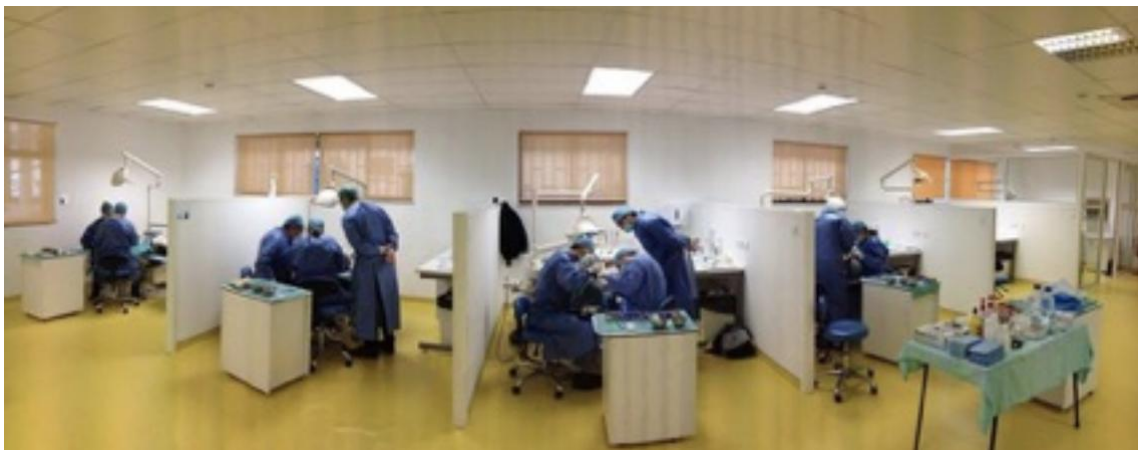
Vanessa Machado, Maria Fernanda Mesquita, Alexandra Bernardo, Ester Casal, Luís Proença, José João Mendes. IL-6 and TNF- $\alpha$  salivary levels according to the periodontal status in Portuguese pregnant women. *PeerJ.* 2018 May 4;6:e4710. doi: 10.7717/peerj.4710.

Botelho J., Machado V., Proença L., Alves R., Cavacas MA., Amaro L., Mendes J. J. (2019), Study of Periodontal Health in Almada-Seixal (SoPHiAs): a cross-sectional study in the Lisbon Metropolitan Area, *Scientific Reports nature research*, 9:15538

Machado V., Botelho J., Ramos C., Proença L., Alves R., Cavacas M. A., Mendes J. J. (2019), Psychometric properties of the Brief Illness Perception Questionnaire (Brief-IPQ) in Periodontal Diseases, *Journal of Clinical Periodontology.* <https://doi.org/10.1111/jcpe.13186>

Fine-tuning multilevel modeling of risk factors associated with nonsurgical periodontal treatment outcome Botelho J, Machado V,



<b>Equipment/Techniques</b>	Cone Beam CT scan Intra-oral scanner
<b>Announcements</b>	
<b>Some Pictures</b>	



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**Location**

Clínica Universitária Egas Moniz. Campus Universitário Quinta da Granja. Monte da Caparica

**Links**

<http://ciem.egasmoniz.edu.pt/pt-pt/research/research-labs.aspx>