

Grupo internacional de trabalho Identificação Humana por análise dentária: Metodologias e Investigação

International Working group of Human Identification by dental analysis: Methodologies and Researches

The establishment of a positive identification of unknown human remains or an unidentified living individual by comparative dental analysis requires both the submission of supporting documentation from the dental provider(s) who treated the patient as well as careful documentation of the unidentified remains or an unidentified living individual. Human Identification by dental analysis is the comparison of oral maxillofacial structures as well as dental restorations.

The goal of this working group is to provide the best available current research to forensic odontologists, forensic pathologists, law enforcement personnel, dental faculties, emergency planners and others on the best practices recommended by the forensic odontology community. It includes research on methodologies to reconcile that data in order to establish an identification by comparative dental analysis.

Integrated Researchers from CEAUL (Investigadores Integrados da CEAUL)

Professora Doutora Cristiana Maria Palmela Pereira

Center of Statistics and Applications of the University of Lisbon, CEAUL

E-mail: cristiana.pereira@fmd.ul.pt

Orcid Number: 0000 0002 9164 7189

Ciência Viva ID: 6A19-2961-E695

Professor Doutor Rui Filipe Vargas de Sousa Santos

Center of Statistics and Applications of the University of Lisbon, CEAUL

E-mail: rui.santos@ipleiria.pt

Orcid Number: 0000 0002 7371 363 X

Ciência Viva ID: 7610-8B27-8044

Current Junior Investigators from CEAUL (Investigadores Juniores atuais da CEAUL)

Victória Ionel

Faculdade de Medicina Dentária da Universidade de Lisboa (FMDUL) [Morfologia dentária, Farmacologia e Terapêutica]

E-mail: victoriaionel@hotmail.com

Orcid number: 0000 0002 6937 5770

Past Junior Investigators (Investigadores Juniores passados)

Mestre Daniela Peixoto

Faculdade de Medicina Dentária da Universidade de Lisboa

Mestre Ana Gonçalves

Faculdade de Medicina Dentária da Universidade de Lisboa

Mestre Francisca Luz

Faculdade de Medicina Dentária da Universidade de Lisboa

Mestre Catarina Abrantes

Faculdade de Medicina Dentária da Universidade de Lisboa

International Partners (Investigadores Internacionais)

Bosnia and Herzegovina

Prof Selma Zukić

University of Sarajevo, Faculty of Dentistry

E-mail: selma.zukic@gmail.com

Orcid number: 0000 0002 7263 0541

Dr Aida Selmanagic

School of Dental medicine [Department of Teeth Morphology with Dental anthropology and Forensics]

E-mail: hadzic_aida@hotmail.com

Orcid number: 0000 0001 5819 4870

Brazil

Prof Ricardo Henrique Alves da Silva

USP - University of São Paulo - School of Dentistry of Ribeirão Preto

E-mail: ricardohenrique@usp.br

Orcid number: 0000 0002 1532 1670

Croatia

Prof Hrvoje Brkic

University of Zagreb, School of Dental Medicine [Department of Dental Anthropology]

E-mail: brkic@sfzg.hr

Orcid number: 0000 0003 4284 7739

Dr Marin Vodanovic

School of Dental Medicine University of Zagreb

E-mail: vodanovic@sfzg.hr

Orcid number: 0000 0002 1935 8657

Greece

Dr Anastasia Mitsea

National and Kapodistrian University of Athens

E-mail: anastasiमितsea@gmail.com

Orcid number: 0000 0003 2833 681X

Italy

Prof Roberto Cameriere

Univeristy of macerata [legal medicine]

Age Estimation Project

E-mail: agestimationproject@gmail.com

Orcid number: 0000 0002 3775 224

Serbia

Prof Danijela Djonic

University of Belgrade, School of Medicine [Institute of Anatomy, Laboratory for Anthropology]

E-mail: ddjonic@yahoo.com

Orcid number: 0000 0003 1043 1077

Spain

Prof Aurelio Luna

Universidad de Murcia

E-mail: aurluna@um.es

Orcid number: 0000 0001 7760 7415

Current Research Work (Trabalhos de Investigação presentes)

Victória Ionel

- “*Diagnose sexual baseada em parâmetros radiológicos Craniomandibulares*” (Master Thesis)

Finished Research Work, Master Thesis (Trabalhos de Investigação terminados, Teses de Mestrado)

Mestre Daniela Peixoto

- “*Identificação Médico-Legal Humana: Contribuição para novos Formulários Dentários Ante mortem e Post mortem*”

Mestre Ana Gonçalves

- *“Palatoscopia como método de identificação médico-legal: Validação de dois métodos indiretos de registo e averiguação da estabilidade das rugas palatinas em pacientes submetidos a tratamento ortodôntico”*

Mestre Catarina Abrantes

- *“Características Morfológicas Dentárias com Aplicação na Identificação Médico-Legal: Diagnose Sexual numa População Portuguesa”*

Mestre Lara Cartaxo

- *“Identificação Médico-legal de uma População Portuguesa através da Queilosscopia”*

Mestre Francisca Luz

- *“Identificação Médico-legal de uma População Portuguesa através da Queilosscopia”*

Mestre Sara Gonçalves

- *“Determinação Médico-legal do Género através da Avaliação de Fotografias Intraorais numa População Portuguesa”*

Mestre Sónia Andorinha

- *“Determinação Médico-Legal da Identidade de Cadáveres não documentados: Análise radiográfica de ortopantomografias e telerradiografias por sobreposição dos seios nasais, frontais e maxilares numa População Portuguesa”*

Articles (Artigos)

Cristiana Pereira, Dinis Pestana, Mário Bernardo, Maria Cristina de Mendonça, Jorge Costa Santos. *“Contribution of Teeth in Human Forensic Identification-Discriminant function sexing odontometrical techniques in Portuguese Population”*. Journal of Forensic and Legal Medicine 2010; 17(2): 105–110.

i. Available online 1 October 2009. ISSN: 1752-928X.

ii. <http://dx.doi.org/10.1016/j.jflm.2009.09.001>

iii. This article has been cited **42** times in Scopus: 2011 (3); 2012 (4); 2013 (4); 2014 (5); 2015 (5); 2016 (2); 2017 (3); 2018 (6); 2019 (4); 2020 (6). (06/01/2020)

iv. This article has been cited **32** times in Web of Science Categories: Medicine Legal (12); Anthropology (11); Dentistry Oral Surgery Medicine (5); Evolutionary Biology (5); Pathology (3); Archaeology (3); Geosciences Multidisciplinary (2); Anatomy Morphology

(2); Chemistry Multidisciplinary (1); Engineering Multidisciplinary (1). By year: 2011 (3); 2012 (1); 2013 (3); 2014 (4); 2015 (3); 2016 (2); 2017 (2); 2018 (3); 2019 (2). (06/01/2020)
v. This article has been cited **70** in Google Scholar.

Cristiana Pereira, Miguel Telles Antunes, Dinis Pestana, Maria Cristina de Mendonça, Jorge Costa Santos. “*An Unidentified Skeletal Assemblage from a Post-1755 Mass Grave of Lisbon: Dental Morphology and Population Affinity*”. Bulletin International Association Paleodontology 2012; 6(1):12-26.

i. ISSN:1846-6273

ii. <https://hrcak.srce.hr/84117>

iii. This article has been cited **5** times in Google Scholar: 2012 (1); 2014 (1); 2015 (2); 2017 (1). (06/01/2020)

Palmela Pereira C, Costa Santos J. “*How to identify single cases according to the quality assurance from IOFOS. The positive identification of an unidentified body by dental parameters: A case of homicide*”. Journal of Forensic and Legal Medicine 2013; 20(3):169-173.

i. Available online 5 July 2012. ISSN: 1752-928X.

ii. <http://dx.doi.org/10.1016/j.jflm.2012.06.004>

iii. This article has been cited **10** times in Scopus: 2014 (2); 2015 (1); 2016 (1); 2017 (4); 2018 (1); 2020 (1). (06/01/2020)

iv. This article has been cited **8** times in Web of Science Categories: Medicine Legal (5); Pathology (2); Dentistry Oral Surgery Medicine (2). By year: 2015 (2); 2017 (5); 2018 (1); (06/01/2020)

v. This article has been cited **20** times in Google Scholar (06/01/2020)

C Pereira, MC Mendonça, J Costa Santos, M Telles Antunes. “*An unidentified skeletal assemblage from a post-1755 mass grave: paleodemography and paleopathology identification by dental parameters – part I*”. International Journal of Dental Anthropology 2010; 17: 1-17.

i. This article has been cited **2** times in Google Scholar (06/01/2020)

C Pereira, JF Costa, J Costa Santos. “*Positive identification of skeletal from unidentified body by dental parameters: case of homicide*”. Folia Societatis Medicinae Legalis Slovacae 2011; 1(1): 44-48.

i. This Journal is in Medline Index, with the NLM Unique ID: 101630535

ii. ISSN: 1338-4589

Gonçalves AF, Diamantino F, Pestana D, Palmela Pereira C. *“The medico-legal importance of establishing human identity by palatal rugoscopy: evaluation of the immutability and individuality of palatal rugae under the influence of ante mortem orthodontic treatment”*.

Journal of Forensic Science and Criminology 2015; 3(3): 303.

i.doi: 10.15744/2348-9804.3.303

ii.This article has been cited 2 time in Google Scholar: 2017. (06/01/2020)

Cristiana Palmela Pereira, Jorge Costa Santos. *“The Role of Forensic Dentistry for Identification of a Criminal Sexual Assault: A Casework Report”*. J Civil Legal Sci 2015; 4(1):138.

i.This article has been cited 2 times in Google Scholar: 2018 (2). (06/01/2020)

ii.doi: [10.4172/2169-0170.1000138](https://doi.org/10.4172/2169-0170.1000138)

Abrantes, C., Santos, R., Pestana, D. Pereira, C.P. *“Application of Dental Morphological Characteristics for Medical-Legal Identification: Sexual Diagnosis in a Portuguese Population”*. HSOA Journal of Forensic, Legal & Investigative Sciences 2015; 1:1–7.

i.ISSN : 0258-414X

ii.This Journal is indexed in Orcid

Cristiana Palmela Pereira. *“Portuguese militar air crash accident: dental identification of the victims”*. Journal of Forensic Odonto-Stomatology 2017, november 35(Supplement 1):68.

i.This Journal is in Medline Index, with the NLM Unique ID: 8501421

ii.ISSN (Print): 0258-414X; ISSN (Electronic): 2219-6749

Oral Communications (Comunicações Orais)

Cristiana Palmela Pereira. *“Como diagnosticar a identidade por parâmetros dentários”*.

Conferência em 10º Congresso Nacional de Medicina Legal e Ciências Forenses, IV Congresso Ibérico de Medicina Legal e 1º Congresso de Medicina Legal e Ciências Forenses dos Países de Língua Oficial Portuguesa, Funchal, Madeira, 15 e 16 de Setembro de 2011.

Palmela Pereira, C. "***Métodos de Identificação Humano Primários: Medicina Dentária Forense***". Conferência em 5th International Meeting on Forensic Science and Criminal Behaviour, 2017.

Palmela Pereira, C. "***The Importance of Dental Parameters in Medico-Legal Human Identification: Case Studies***". Conferência em 2 nd Annual Genetics in Forensics Congress, 2017

Posters (Posterres)

Cristiana Pereira, Mário Bernardo, Jorge Leitão, Maria Cristina de Mendonça, Jorge Costa Santos. "***Contribution to human forensic identification from teeth- Discriminant function sexing of odontometric techniques of a Portuguese population***". Poster presented at the XXth Congress of International Academy of Legal Medicine. Budapest, Agosto de 2006.

C Pereira, JF Costa, J Costa Santos. "***Positive identification of skeletal from unidentified body by dental parameteres: case of homicide***". Poster apresentado no 20th International Meeting on Forensic Medicine Alpe – Adriqa Pannomia, Bratislava, Eslováquia, 1 a 4 Junho de 2011.

Franco Costa J; Viegas F; Farinha C; Santos JC; Pereira C. "***The key role of forensic dentistry for human skeletal identification: a homicide case report (I)***". Poster com apresentação oral apresentado nos congressos internacionais 19th IAFS WORLD MEETING, 9th WPMO TRIENNIAL MEETING e 5th MAFS MEETING. Funchal, Madeira, de 14 a 16 de Setembro de 2011.

Viegas F; Franco Costa J; Cardoso JP; Farinha; Santos JC; Pereira C. "***The key role of forensic dentistry for bite mark identification: a homicide case report (II)***". Poster com apresentação oral apresentado nos congressos internacionais 19th IAFS WORLD MEETING, 9th WPMO

TRIENNIAL MEETING e 5th MAFS MEETING. Funchal, Madeira, de 14 a 16 de Setembro de 2011.

Cardoso JP; Viegas F; Franco Costa J; Farinha C; Santos JC; Mendonça MC, Pereira C. "***The key role of forensic dentistry for age estimation: a homicide case report (III)***". Poster com apresentação oral apresentado nos congressos internacionais 19th IAFS WORLD MEETING, 9th WPMO TRIENNIAL MEETING e 5th MAFS MEETING. Funchal, Madeira, de 14 a 16 de Setembro de 2011.

Rodrigues J; Figueiredo H; Franco Costa J; Viegas F; Farinha C; Santos JC; Pereira C. "***The key role of forensic dentistry for identification of criminal sexual abuse: a sexual case report (IV)***". Poster com apresentação oral apresentado nos congressos internacionais 19th IAFS WORLD MEETING, 9th WPMO TRIENNIAL MEETING e 5th MAFS MEETING. Funchal, Madeira, de 14 a 16 de Setembro de 2011.

Cristiana Palmela Pereira, João Franco Costa, Maria Cristina de Mendonça, Jorge Costa Santos. "***How important is the role of teeth in the world human identification: a transnational case report***". Poster com apresentação oral apresentado no 21st International Meeting on Forensic Medicine Alpe-Adria-Pannonia, em Sarajevo, Bosnia e Herzegovina, de 30.05. 2012 a 02.06.2012.

Ana Filipa Gonçalves, Fernanda Diamantino, Dinis Pestana, Cristiana Palmela Pereira. "***The medico-legal importance of establishing human identity by palatal rugoscopy: evaluation of the immutability and individuality of palatal rugae under the influence of ante mortem orthodontic treatment***". Poster presentation at the 23th IALM, January 2015, Dubai.

Luz, F.V., Santos, R., Pereira, C.P. "***Application of cheiloscopy for medical-legal identification: sexual dimorphism in a portuguese population***". Poster presented at IALM (International Academy of Legal Medicine) 2016 Intersocietal Symposium, Italy.

Cartaxo, L., Santos, R., Pereira, C.P. *"Application of cheiloscopy for medical-legal identification in a portuguese population"*. Poster presented at IALM (International Academy of Legal Medicine) 2016 Intersocietal Symposium, Italy.