

CLAUDIA DOLCI

Birth: May 8, 1963 – Lecco (Italy).



Education

Medical Degree, School of Medicine, University of Milan, Italy, 1989.

Postgraduate Degree in Endocrinology and Metabolic Diseases, University of Milan, Italy, 1994.

Academic Appointments

Assistant Professor, Human Anatomy, Medical School, University of Milan.

Department of Biomedical Sciences for Health, University of Milan: member of the direction council.

School of Medicine, University of Milan: member of the steering committee.

Teaching Assignment

Human Anatomy, School of Medicine, Course in Medicine and Surgery, Bachelor Programmes, Postgraduate Schools, and Doctoral Programme in Integrative Biomedical Research.

Scientific activity

Main research topics

Scientific activity is related to the fields of anatomy and chronobiology, with specific interest for the quantitative analysis of biologic structures and ultrastructures and for the study of circadian temporal structure of living beings in health or pathologic conditions.

Currently, the research has its primary focus on the three-dimensional quantitative analysis of craniofacial structures in normal subjects and dysmorphic patients.

Most recent full papers:

- Gibelli D, Cellina M, Gibelli S, Cappella A, Oliva AG, Termine G, Dolci C, Sforza C. Relationship between sphenoid sinus volume and protrusion of internal carotid artery and optic nerve: a 3D segmentation study on maxillofacial CT-scans. *Surg Radiol Anat.* 2019 Feb 9. doi: 10.1007/s00276-019-02207-w. [Epub ahead of print]
- Gibelli D, Cellina M, Gibelli S, Belloni E, Oliva AG, Termine G, Dolci C, Sforza C. Anatomical characteristics of intrapetrous carotid artery: a 3D segmentation study on head computed tomography scan. *World Neurosurg.* 2019 Jan;121:e419-e425.
- Gibelli D, Cellina M, Gibelli S, Cappella A, Panzeri MM, Oliva AG, Termine G, Dolci C, Sforza C. Anatomy of the pterygopalatine fossa: an innovative metrical assessment based on 3D segmentation on head CT-scan. *Surg Radiol Anat.* 2018 Dec 12. doi: 10.1007/s00276-018-2153-7. [Epub ahead of print]
- Gibelli DM, Cellina M, Gibelli S, Schiavo P, Oliva AG, Termine G, Ferrario VF, Dolci C, Sforza C. Can Volumetric and Morphological Variants of Sphenoid Sinuses Influence Sinuses Opacification? *J Craniofac Surg.* 2018 Nov;29(8):2344-2347.
- Gibelli D, Pucciarelli V, Poppa P, Cummaudo M, Dolci C, Cattaneo C, Sforza C. Three-dimensional facial anatomy evaluation: Reliability of laser scanner consecutive scans procedure in comparison with stereophotogrammetry. *J Craniomaxillofac Surg.* 2018 Oct;46(10):1807-1813.
- Gibelli D, Pucciarelli V, Caplova Z, Cappella A, Dolci C, Cattaneo C, Sforza C. Validation of a low-cost laser scanner device for the assessment of three-dimensional facial anatomy in living subjects. *J Craniomaxillofac Surg.* 2018 Sep;46(9):1493-1499.
- Gibelli D, Pucciarelli V, Cappella A, Dolci C, Sforza C. Are Portable Stereophotogrammetric Devices Reliable in Facial Imaging? A Validation Study of VECTRA H1 Device. *J Oral Maxillofac Surg.* 2018 Aug;76(8):1772-1784.
- Gibelli D, Codari M, Pucciarelli V, Dolci C, Sforza C. A Quantitative Assessment of Lip Movements in Different Facial Expressions Through 3-Dimensional on 3-Dimensional Superimposition: A Cross-Sectional Study. *J Oral Maxillofac Surg.* 2018 Jul;76(7):1532-1538.
- Gibelli D, De Angelis D, Pucciarelli V, Riboli F, Ferrario VF, Dolci C, Sforza C, Cattaneo C. Application of 3D models of palatal rugae to personal identification: hints at identification from 3D-3D superimposition techniques. *Int J Legal Med.* 2018 Jul;132(4):1241-1245.
- Dolci C, Pucciarelli V, Gibelli DM, Codari M, Marelli S, Trifirò G, Pini A, Sforza C. The face in Marfan syndrome: A 3D quantitative approach for a better definition of dysmorphic features. *Clin Anat.* 2018 Apr;31(3):380-386.
- Gibelli D, Cellina M, Gibelli S, Oliva AG, Termine G, Pucciarelli V, Dolci C, Sforza C. Assessing symmetry of zygomatic bone through three-dimensional segmentation on computed tomography scan and "mirroring" procedure: A contribution for reconstructive maxillofacial surgery. *J Craniomaxillofac Surg.* 2018 Apr;46(4):600-604.
- Pucciarelli V, Gibelli D, Barni L, Gagliano N, Dolci C, Sforza C. Assessing Normal Smiling Function Through 3D-3D Surfaces Registration: An Innovative Method for the Assessment of Facial Mimicry. *Aesthetic Plast Surg.* 2018 Apr;42(2):456-463.
- Gibelli D, Pucciarelli V, Ferrario VF, Dolci C, Sforza C. Anatomical Uniqueness of Ear Morphology: A Novel Metrical Approach through Three-Dimensional Superimposition. *Plast Reconstr Surg.* 2018 Feb;141(2):447-450.
- Sforza C, Ulaj E, Gibelli DM, Allevi F, Pucciarelli V, Tarabbia F, Ciprandi D, Dell'Aversana Orabona G, Dolci C, Biglioli F. Three-dimensional superimposition for patients with facial palsy: an innovative method for assessing the success of facial reanimation procedures. *Br J Oral Maxillofac Surg.* 2018 Jan;56(1):3-7.

Web site

www.scibis.unimi.it

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