

Title (en)

METHOD FOR PROVIDING INDIVIDUALIZED NORMATIVE VALUES FOR 3D CEPHALOMETRY

Title (de)

VERFAHREN ZUR BEREITSTELLUNG INDIVIDUALISIERTER NORMWERTE FÜR 3D-KEPHALOMETRIE

Title (fr)

PROCÉDÉ DESTINÉ A FOURNIR DES VALEURS NORMATIVES INDIVIDUELLES POUR LA CÉPHALOMÉTRIE TRIDIMENSIONNELLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2010135790A1] This invention provides a method for providing individualized normative values for 3D cephalometry, by which 3D measurements on and off the midsagittal plane can be established based on published 2D cephalometric norms. The method of the invention can also be applied to other existing cephalometric longitudinal growth studies, to derive control groups without exposing new untreated subjects to radiation.

IPC 8 full level

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Citation (search report)

- [I] UYSAL ET AL: "Submentovertex cephalometric norms in Turkish adults", AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS, MOSBY, ST. LOUIS, MO, US, vol. 128, no. 6, 1 December 2005 (2005-12-01), pages 724 - 730, XP005208978, ISSN: 0889-5406, DOI: 10.1016/J.AJODO.2004.09.027
- [T] BRUNO FRAZÃO GRIBEL ET AL: "From 2D to 3D: an algorithm to derive normal values for 3-dimensional computerized assessment", THE ANGLE ORTHODONTIST, vol. 81, no. 1, 1 January 2011 (2011-01-01), pages 3 - 10, XP055138276, ISSN: 0003-3219, DOI: 10.2319/032910-173.1
- See references of WO 2010135790A1

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