

## Cone-Beam Computed Tomography in Analyzing Anthropometric Measures of Maxillofacial Area (Lecture)

V. V. Petrovskaya, M. A. Batova

Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia, Department of Radiology

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### Abstract

The article presents many capabilities of cone-beam computed tomography in analyzing jaws to base of the skull ratio in planning orthodontic or orthognathic treatment. The method provides proper jaw measurements, evaluates normal and pathological morphometric features of the skull. Suggested algorithm for measuring teeth protrusion and retroversion, overcrowding of teeth, maxilla-temporal joint condition allows to optimize diagnostics of patients with maxillofacial area asymmetry.

**Key words:** Computed Tomography, Cone-Beam Computed Tomography, Orthognathy, Cephalometry.

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### Authors

**Petrovskaya Victoriya Vasil'evna**, Ph. D. Med., Associate Professor of Department of Radiology, Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia.  
Address: 9a, ul. Vucheticha, Moscow, 127206, Russia.  
Phone number: +7 (495) 611-01-77. E-mail: VVPetrovskay@yandex.ru

**Batova Mariya Aleksandrovna**, Resident of Department of Radiology, Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia.  
Address: 9a, ul. Vucheticha, Moscow, 127206, Russia.  
Phone number: +7 (495) 611-01-77. E-mail: m.a.batova@gmail.com