



The 16th world congress of the international cleft
lip and palate foundation

CLEFT TOKYO 2024

July 17(Wed)-19(Fri) 2024, Tokyo, Japan

Program and Abstract

Congress President

Kazuto Hoshi

Professor & Chairperson, Oral & Maxillofacial Surgery,
Department of Sensory and Motor System Medicine
Graduate School of Medicine, The University of Tokyo

Venue

The University of Tokyo

Hongo7-3-1, Bunkyo-ku, Tokyo 113-0033, Japan



CLEFT TOKYO 2024

**The 16th world congress of
the International Cleft Lip and Palate Foundation**

**The University of Tokyo
Hongo7-3-1, Bunkyo-ku, Tokyo 113-0033, Japan**

Symposium 13

Craniofacial surgery 2

SY13-10

Application of Artificial Intelligence in the Diagnosis of Facial Trauma Imaging

Sitora Ruziyeva

Maxillofacial surgery and dentistry, Tashkent Medical Academy, Uzbekistan

This thesis explores the advancements in artificial intelligence (AI) with a specific focus on its role in diagnosing fractures in facial trauma imaging. The capabilities of AI algorithms, particularly in machine learning and deep learning, are scrutinized to determine their effectiveness and reliability in comparison with traditional diagnostic methods. The goal is to provide a comprehensive review that justifies the integration of AI into clinical practice for enhancing diagnostic accuracy and patient outcomes in facial trauma scenarios.