Orthognathic Surgery for Mentally Retarded Patient with an Open Bite

Toshihiro Kikuta¹), Haruhiko Furuta¹), Hiromasa Takahashi¹), Naoki Ikeyama¹), George Umemoto¹), Iwao Hara¹), Masahiko Ito³) Yoko Sarada⁴) and Ryoji Nishimura⁵)

- 1) Department of Oral and Maxillofacial Surgery, Faculty of Medicine, Fukuoka University, Fukuoka, Japan
- ²⁾ Department of Maxillofacial Surgery, Hara Hospital, Fukuoka, Japan
- ³⁾ Private Practice of Orthodontics, Fukuoka, Japan
- ⁴⁾ Department of Education and Clinical Psychology, Faculty of Humanities, Fukuoka University, Fukuoka, Japan
- ⁵⁾ Department of Psychiatry, Faculty of Medicine, Fukuoka University, Fukuoka, Japan

Abstract: There have been many discussions regarding surgical treatments for the esthetic reasons in mentally retarded children. However, in retarded adults, especially those showing moderate retardation with an awareness of the norms and with motivation to undergo surgery, orthognathic surgery offers an opportunity to improve their oral dysfunction along with the appearance. The patient selection as well as the appropriate procedures for orthognathic surgery are together considered to play a significant role in obtaining sufficient results. We herein report the case of 24 – year – old mentally retarded male with an open bite.

Key words: Orthognathic surgery, Mental retardation, Open bite