**Abstract - Gemeinschaftskongress DGI, ÖGI, SGI, IAOFR /
in Zusammenarbeit mit BBI
"Grenzen überwinden - Gemeinsam handeln"**

Abstract der Posterdemonstration von Simone Heuberer

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Tooth agenesis - Patient characteristics and treatment concepts of the Bernhard Gottlieb School of Dentistry

Objective: To provide the patient characteristics and treatment concepts of tooth agenesis at Bernhard Gottlieb School of Dentistry from 1992 to 2007. Material and Methods: Patients with the primary diagnosis of agenesis, oligodontia, hypodontia, or aplasia were identified through computer and hand-based survey. Results: A total of 304 patients (172 female, 132 male) were assigned with the primary diagnosis of agenesis, oligodontia, hypodontia, or aplasia. The mean age of patients at the date of primary diagnosis was 16.4 years. The averaged number of missed teeth was 7 per patient, with mainly the lower second premolar being absent at a prevalence of the order of 17.4%. At the time of the survey, 104 patients have completed their therapy at an average duration of 47 months. Among these patients, 93 obtained a fixed prosthetic restoration. 87 patients are currently under treatment for agenesis, oligodontia, hypodontia, or aplasia. At the time of survey, 60 patients underwent external augmentations, 24 patients received maxillary sinus elevation, and 11 patients had distraction osteogenesis. In total, 537 dental implants were placed in 141 patients. Transplantation of 16 teeth was carried out in 14 patients. Conclusion: The Department of Oral Surgery at the Bernhard Gottlieb School of Dentistry is a center for the treatment of tooth agenesis. Based on this set of data we now gain further information that helps us with treatment planning in young individuals with tooth agenesis