Esthetic rehabilitation of an 8-year-old patient with non-syndromic oligodontia and the role of multidisciplinary team: A case report and a literature review

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Oligodontia is the congenital absence of six or more than six teeth in either permanent or primary dentition. Because of the missing teeth in these patients esthetic, functional and psychological problems may arise. This article reports a rare case of non-syndromic oligodontia in an eight year old female patient of Asian origin. A total number of seven permanent and six primary anterior teeth were congenitally absent. There are very few cases reported in literature in which primary teeth are congenitally missing. Psychological stress due to missing teeth was evident in the patient’s behavior. A ‘fixed anterior esthetic space maintainer’ was fabricated and fixed into the patients mouth. Conditions like oligodontia have a substantial impact on the functional and psychological maturation of the child. Management of conditions could be challenging, the key for a successful outcome is early diagnosis and proper treatment planning involving all other concerned specialties i.e. through multidisciplinary approach. The rehabilitation with an interim prosthesis, like an esthetic space maintainer or removable partial dentures, at an early age and later with osseointegrated implants has shown promising results from the functional and psychological point of view for such cases.

Biography
Umber Zahra has completed her Bachelor of Dental Surgery (BDS) from Institute of Dentistry, CMH Lahore Medical and Dental College, Pakistan. Her work experience includes practicing part time in a General Practice. She chose to specialize in Operative Dentistry to gain the knowledge and skills to manage complex esthetic, restorative and endodontics cases of both children and adults. She is enrolled in the Residency Program (Operative Dentistry) at Lahore Medical and Dental College to become a Fellow of College of Physicians and Surgeons, Pakistan. She is currently working as a Post-graduate Resident and Clinical Demonstrator in the Department of Operative Dentistry, Lahore Medical and Dental College, Pakistan.

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