

Start reading jaws. the story of dental implants in growing children

Kariem M Elhelow

King Abdullah Medical City, Makkah 21955, Saudi Arabia



Abstract

Traumatic tooth loss is a common incident in active children. The mean prevalence of congenitally missing teeth was reported to be $6.53\% \pm 3.33\%$; and therefore, they make up the vastness of the developmental anomaly of the human dentition. While researches are extensively addressing every aspect related to implants in adults, a paucity of equivalent articles are tackling dental implants in growing children and adolescents.

It is widely accepted that dental implants should not be installed in growing children. The presentation will elaborate on how far this notion holds true today together with the clinical encounters anticipated. Knowledge about the behavior of dental implants in growing jaws coupled with correct patient selection and clinical guidelines are paving the way to more predictable functional and esthetic outcomes.

The purpose of this article is to draw a roadmap to decision making addressing the do's and don'ts when considering dental implants in growing children.

Conclusion

Implant rehabilitation is possible in young jaws. Growth assessment together with multidisciplinary management is crucial to avoid functional and esthetic failures.

Recommendations

Aside from the points highlighted in the presentation, it is recommended that Implant practitioners become oriented with growth assessment methods; a skill that is frequently overlooked.



Biography:

Dr Kariem M Elhelow BDS., MS., PhD, is working a Consultant of Implant and maxillofacial Prosthodontics, in King Abdullah

Medical City, Makkah, Saudi Arabia. He worked as a prosthodontist in Alexandria university as well as Salametek Dental Centers. Dr Elhelow received his BDS, and MS from Alexandria University, and his PhD from Cairo University, Egypt. He is also a fellow of the ICOI. He is an author and international public speaker lecturing on implant, maxillofacial prosthodontics and digital dentistry.

Speaker Publications:

1. Mishra, S. K., Chowdhary, N., & Chowdhary, R. (2013). Dental implants in growing children. *Journal of Indian Society of Pedodontics and Preventive Dentistry*, 31(1), 3.
2. Mankani, N., Chowdhary, R., Patil, B. A., Nagaraj, E., & Madalli, P. (2014). Osseointegrated dental implants in growing children: a literature review. *Journal of Oral Implantology*, 40(5), 627-631.
3. Agarwal, N., Kumar, D., Anand, A., & Bahetwar, S. K. (2016). Dental implants in children: A multidisciplinary perspective for long-term success. *National journal of maxillofacial surgery*, 7(2), 122.
4. Bergendal, B., Ekman, A., & Nilsson, P. (2008). Implant failure in young children with ectodermal dysplasia: a retrospective evaluation of use and outcome of dental implant treatment in children in Sweden. *International Journal of Oral & Maxillofacial Implants*, 23(3), 520-524.
5. Sharma, A. B., & Vargervik, K. (2006). Using implants for the growing child. *Journal of the California Dental Association*, 34(9), 719-724.
6. Sweeney, I. P., Ferguson, J. W., Heggie, A. A., & Lucas, J. O. (2005). Treatment outcomes for adolescent ectodermal dysplasia patients treated with dental implants. *International Journal of Paediatric Dentistry*, 15(4), 241-248.

[28th Euro Congress and Expo on Dental & Oral Health;](#)
August 21-22, 2020.

Abstract Citation:

Kariem M Elhelow, Start reading jaws. the story of dental implants in growing children, Euro Dental Congress 2020, 28th Euro Congress and Expo on Dental & Oral Health; August 21-22, 2020.

<https://www.dentalcongress.com/europe/scientific-program.php?day=1&sid=6890&date=2020-08-21>