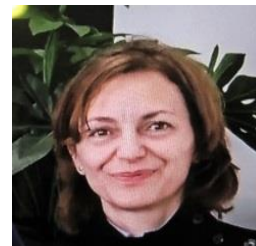


How tooth auto transplantation can help us in treating our patients

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Abstract

Autotransplantation of teeth is an old method of tooth replacement, but it is receiving renewed interest, as treatment today is founded on evidence-based, long-term research. Dental auto-transplantation or autogenous transplantation is defined as the movement of one tooth from one position to another, within the same person (Hale ML., Northway WM). This could involve the transfer of impacted, embedded, or erupted teeth into extraction sites or into surgically prepared sockets (Natiella et al., 1970).

Discussion: Immediate transplantation with extraction at the recipient site is a procedure that provides significant time saving compared to implants. Healing is rapid, and function is regained almost immediately (Kumar et al., 2012, Yoshino et al., 2012).

Transplanted tooth with its PDL has osteoinducing properties that results in bone regeneration of the bony defects around transplants without graft materials.

Transplanted tooth have potential for good esthetical results, since it allows the formation of a normal interdental papilla, the natural emergence profile, and natural crown form is maintained. Moreover, a subsequent orthodontic treatment and the position adjustment after surgery may be possible (Waldon K, Barber SK, Spencer, Waikakul A, Punwutikorn, Yoshino K, Kariya N, Namura D, Noji I.).

Tooth transplantation can help us in treating growing patients in which other treatment solution can be questionable.

Biography:

Manuela Daian, orthodontist, She has finished her dentistry studies in Bucharest at the University for Medicine and Pharmacy Carol Davila. In 1999 she received her graduate training in Orthodontics at the same University. She started her career as an orthodontist in Greece and since 2009 she has been working in the Netherlands. She is aware that continuous training is very important. During the years she has enriched her knowledge by following seminars and courses at home and abroad. In addition to practical work, she is also involved in the educational field. In the period 2012-2014 she was also active in training of orthodontic assistants at the Academie Tandartsenpraktijk in Amersfoort and she has given scientific presentation on oral hygiene during orthodontic treatment, impacted cuspids, tooth autotransplantation, open bite and deep bite treatment with Invisalign. She is an Invisalign, Damon and Incognito certified orthodontist.

Speaker Publications:

1. "Deep bite and Invisalign"

[International Conference on Orthodontic](#) Webinar- September 25-26, 2020.

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