



**2<sup>nd</sup> CONGRESS  
ON TOOTH  
TRANSPLANTATION**

**25-27 May 2018**

*Hotel SS Rotterdam,  
Rotterdam, Netherlands*

**Program  
25th - 26th - 27th May 2018**

[www.toothtransplantation.com](http://www.toothtransplantation.com)

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# Friday, 25th May 2018

## 12.00 till 17.40 Oral presentations

- 12.00 - 12.15 The Amsterdam protocol for premolar autotransplantations  
*The lecture will be presented by **Marjolijn Gilijamse** in memory of Jacques Baart*
- 12.15 - 12.30 Tooth autotransplantations in the anterior mandible and maxilla  
**Gilijamse M, Baart JA, de Cleen M, Swart TJ. Amsterdam, Netherlands**
- 12.30 - 12.45 Primary tooth auto-transplantation for instant rehabilitation of young children with traumatic loss or agenesis of permanent incisors  
*Tschammler C, Linsenmann R, Nolte D, Germany*
- 12.45 - 13.00 Is autotransplantation a reliable treatment option?  
**van Westerveld KJH, Verweij JP, Anssari Moin D, Mensink G, van Merkesteyn JPR, Netherlands**
- 13.00 - 13.15 A long-term evaluation of the success of 144 tooth autotransplants  
*Pinheiro TN, Roldi A, Intra TJA, Nunes FC, Intra JBG, Brasil*
- 13.15 - 13.30 The Patient Perspective and the Survival Rate of Tooth Transplantation  
*Juslin J, Jääsaari P, Teerijoki-Oksa T, Finland*
- 13.30 - 13.45 Complications and endodontic treatment after autotransplantation of premolars: a retrospective study  
**de Cleen MJH, Baart JA, Netherlands**
- 13.45 - 13.55 Orthodontic forces and their sequelae on autotransplanted teeth: A literature overview. **Jordan B, Nolte D, Müßig D, Germany/Austria**
- 13.55 - 14.05 Enhancement of Human Periodontal Ligament by Pre-application of Orthodontic Loading  
**Nakdilok K, Krisanaprakornkit S, Suzuki EY, Suzuki B, Thailand**
- 14.05 - 14.15 Altered expression of pluripotent markers in human periodontal ligament upon application of orthodontic preloading  
**Phutinart S, Suzuki B, Suzuki EY, Krisanaprakornkit S, Thailand**
- 14.15 - 14.25 Periodontal ligament preservation during orthodontic tooth movement in human  
**Promchaiwattana P, Suzuki B, Suzuki EY, Krisanaprakornkit S, Thailand**
- 14.25 - 14.35 Discussion
- 14.35 - 15.00 Coffee break (please visit the sponsors during the break)

- 15.00 - 15.15 How can we minimize the risk of External Cervical Resorption during autotransplantation?  
**Mavridou AM**, Eggink E, Linssen M, Barendregt D, P. Lambrechts P, Netherlands/Belgium
- 15.15 - 15.25 A case of tooth autotransplantation for severe atrophic alveolar combined with orthodontic treatment, bone augmentation and vestibuloplasty - Matsuzawa Y, Abe Y, Japan
- 15.25 - 15.35 Autotransplantation of a lower cuspid- case presentation  
Daian M, Louropoulou A, Pantaleon M, Netherlands
- 15.35 - 15.45 Exploring the limits of tooth autotransplantation  
**Streblov J**, Czech Republic
- 15.45 - 15.55 Case report of tooth transplantations in patients over 50 years old  
**Yoshino K**, Tokyo, Japan
- 15.55 - 16.05 Tooth transplantation: where are the limits?  
Novosad M, Marek I, Breclav, Czech Republic
- 16.05 - 16.20 Three-dimensional imaging and rapid prototyping in autotransplantation: innovation that excites!  
**van Merkesteyn JPR**, Verweij JP, van Westerveld KJH, Anssari Moin D, Mensink G, Netherlands
- 16.20 - 16.35 Three-dimensional imaging and rapid prototyping in autotransplantation: the (im)possibilities of a technique  
**Verweij JP**, van Westerveld KJH, Anssari Moin D, Mensink G, van Merkesteyn JPR, Netherlands
- 16.35 - 16.50 CBCT-based tooth autotransplantation – Part I: 3D planning, 3D printing and 3D analysis of treatment outcome.  
**Ezeldeen M**, Wyatt J, Stratis A, Jacobs R, Belgium
- 16.50 - 17.00 CBCT-based tooth autotransplantation – Part II: Surgical technique, follow-up, short and long-term treatment outcome.  
**Wyatt J**, EzEldeen M, Shahbazian M, Jacobs R, Belgium
- 17.00 - 17.20 Affordable 3D planning for tooth transplantation in all stages of development - **van der Meer J**, Dick Barendregt D, Netherlands
- 17.20 - 17.30 Outcome of orthodontic space closure and transplantation replacing a missing maxillary central incisor  
Shadnazar S, Bergman A, Birkeland K, Norway
- 17.30 - 17.40 Discussion

# Saturday, 26th May 2018

## 9.00 till 18.00 Keynote lectures

- 9.00 - 9.05 Introduction  
*Dick Barendregt, Manfred Leunisse, Marcel Linssen, Netherlands*
- 9.05 - 9.40 Biology of successful tooth transplantation – are there any risks? *Jens Andreasen, Denmark*
- 9.40 - 10.10 Long-term outcome of tooth transplantation  
*Ole Schwartz, Denmark*
- 10.10 - 10.30 Updates on tooth cryopreservation  
*Wim Laureys, Belgium*
- 10.30 - 11.00 Coffee break (please visit the sponsors during the break)
- 11.00 - 11.30 The link between tooth eruption and growth of the alveolar bone  
*Karin Becktor, Denmark*
- 11.30 - 12.00 Update on dental implants replacing missing maxillary incisors  
*Björn Zachrisson, Norway*
- 12.00 - 12.30 Transplantation and oral rehabilitation in complex cases  
*Arild Stenvik, Norway*
- 12.30 - 12.50 Discussion
- 12.50 - 13.50 Lunch (please visit the sponsors during the break)
- 13.50 - 14.30 Trauma with loss of incisors, how to restore alveolar ridge, gingiva and tooth structure  
*Dick Barendregt, Manfred Leunisse, Marcel Linssen, Netherlands*
- 14.30 - 14.50 Leeds contribution to the scientific literature on tooth transplantation  
*Nadine Houghton, United Kingdom*
- 14.50 - 15.10 Long-term observations of transplanted premolars  
*Teitur Jonsson, Iceland*
- 15.10 - 15.30 State-of-the art on tooth transplantation  
*Guy De Pauw, Belgium*
- 15.30 - 16.00 Coffee break (please visit the sponsors during the break)

- 16.00 - 16.20 Thinking out of the box using autotransplants  
*Erik Reukers, Netherlands*
- 16.20 - 16.40 Complications: diagnosis and treatment  
*Paweł Plakwicz, Poland*
- 16.40 - 17.00 Central incisor ankylosis in children - extraction, distraction or autotransplantation?  
*Ivo Marek, Czech Republic*
- 17.00 - 17.15 Transplantation of deciduous canines  
*Puria Parvini, Germany*
- 17.15 - 17.40 Improving the esthetics of transplanted teeth to the anterior maxilla  
*Ewa Czochrowska, Magdalena Jaszczak-Małkowska, Poland*
- 17.40 - 18.00 Discussion

# Sunday, 27th May 2018

## 9.00 till 13.00 Post Congress Course

### **Transplantation of teeth with open and closed apices**

*Edwin Eggink, Dick Barendregt, Manfred Leunisse, Marcel Linssen*

After the first transplantations of teeth in the 1950th the advantages of using natural teeth were established. However, the limitation was that the best results were obtained for teeth with a formation of the root between 2/3 to 3/4 of the final root length at the time of surgery. In the literature transplantation of fully developed teeth has been reported, but the success rate was lower than the transplantation of teeth with an open apex. Risk factors like peri-apical inflammation and ankylosis were often described.

Since 2005 autotransplantation of fully developed teeth is a routine procedure performed by the Rotterdam team. Success rates are comparable to transplanted teeth with an open apex with a follow up of 10 years. In this course both procedures will be discussed in detail. The team members will guide you through the indications, surgery, orthodontic phase a restorative phase using different clinical examples. At the end of this course participants should be able to understand indications for both options and they should recognise all the key aspects which matter to make tooth transplantation predictable.

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