

# Connecting Bites

29 november  
2018 Zwolle

Voorafgaand aan het Connecting Bites Symposium is er op donderdagavond 29 november 2018 een Pre Conference Course in Isala te Zwolle.

De onderwerpen van deze avond zijn uitdagingen in de behandeling van Schisis patiënten anno 2018 en 3D technologie. Toepassing van 3D technologie in de orthognatische- en Schisischirurgie zullen worden getoond, evenals andere toepassingen van 3D technologie buiten het hoofd-hals gebied.

Deze bijeenkomst wordt mede georganiseerd door het Schisis team Isala.

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## 19.00 Registration

### 19.30 Prof. dr. Jeffrey C. Posnick: *Challenges of Cleft Care in 2018*

The surgical techniques and clinical execution of primary cleft lip and palate repair, through-out the world, is no longer the biggest challenge to achieving successful rehabilitation for those born with a cleft. Despite a surgeon's best efforts, when infants undergo cleft palate repair, a majority will suffer the lifelong consequences of naso-maxillary deficiency evident by the mixed dentition. The basic principles for the successful management of the cleft jaw deformity will be outlined and the expected results demonstrated. Finally definitive nasal reconstruction in the teenage years will be discussed.

### 20.30 Frank Bierenbroodspot: *Implementation of 3D technology in diagnosis and treatment planning of orthognathic and cleft patients*

New imaging techniques like Cone Beam CT, intra oral scanning, 3D stereophotogrammetry and 3D modelling can help us to make the right diagnosis, guide the planning and finally facilitate the actual surgery. In this lecture merging of these different datasets will be demonstrated especially in orthognathic surgery and cleft patients.

### 21.10 Frank Baan: *New developments and applications of 3D technology*

3D imaging is a rapidly evolving technology with numerous applications in diagnosis, planning, surgery and evaluation of treatment. The 3D lab in the Radboudumc started in the field of Oral and Maxillofacial Surgery and the planning and treatment tools have been optimized since then. The implementation of 3D technology in several other fields will be discussed during his talk. Examples of augmented reality and 3D guided surgery will be presented among others.

## 21.30 Drinks

## Speakers Thursday 29 November 2018

### **Jeffrey C. Posnick, DMD, MD, FRCS, FACS**

Educated in both dentistry (Harvard University) and medicine (Vanderbilt University) Dr. Posnick is American board certified in both Oral and Maxillofacial Surgery and Plastic Surgery. His professional appointments include Clinical Professor of Surgery and Pediatrics at Georgetown University in Washington, DC. Clinical Professor of Orthodontics at University of Maryland, School of Dentistry, Baltimore, Maryland and Adjunct Professor of Oral and Maxillofacial Surgery, Howard University College of Dentistry, Washington, DC.

Dr. Posnick has lectured around the world and authored more than 300 medical journal articles and book chapter. His earlier two volume textbook, published by W.B. Saunders, Craniofacial and Maxillofacial Surgery in Children and Young Adults, is considered an authoritative reference. His current comprehensive two volume textbook Orthognathic Surgery: Principles and Practice published by Elsevier, captures the latest thinking for the evaluation and treatment of all aspects of dento-facial deformities. Dr. Posnick conducts an active clinical practice and serves as director of the Posnick Center for Facial Plastic Surgery in Chevy Chase, Maryland.

### **Frank Bierenbroodspot**

Frank Bierenbroodspot studied dentistry and general medicine at the University of Nijmegen, the Netherlands. He trained as an Oral and Maxillofacial Surgeon at the Department of Maxillofacial Surgery of the University Medical Center Nijmegen (UMCN), the Netherlands. In 2010 he did a fellowship in Facial Plastic Surgery in the UMCN in which field he received a Master of Science in 2016. Since 2003 he works as an OMFS in Isala hospital, Zwolle. His main fields of interest are Orthognathic Surgery, Cleft Surgery and Facial Plastic Surgery.

### **Frank Baan**

Frank Baan studied Technical Medicine at the University of Twente. Currently he is working as a technical physician at the Radboudumc 3D lab and Isala hospital Zwolle. His project aims to implement new technologies into a clinical setting, with a special focus on orthodontic treatment and orthognathic surgery. The accuracy of orthodontic treatment and orthognathic surgery is the focus of his PhD.

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### **Locatie**

Polikliniek MKA, V3-1 Isala ziekenhuis, Dokter van Heesweg 2, Zwolle

### **Inschrijven kan bij Ireen Rientjes: [www.ireenrientjes.nl](http://www.ireenrientjes.nl)**

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