

Curriculum Vitae



Thomas Maal was born in Rotterdam (The Netherlands) on December 4, 1981. In 2000, he completed pre-university secondary education (VWO) at the Montessori Lyceum in Rotterdam and started to study Medical Technical Computer Science at the University of Utrecht. The last two years of this education he joined the Master Biomedical Image Science. He completed his graduation project at the department of Speech and Image Research (ESAT-PSI) of the University Hospital St Gasthuisberg in Leuven, Belgium (supervisor: prof. dr. Paul Suetens and ir. Filip Schutyser) and graduated in January 2006.

At that time he started at the department of oral and maxillofacial surgery (Radboud University Nijmegen, Medical Centre) as the first technical engineer at the 3D project. A 3D Lab was set up in order to facilitate the implementation of technological innovations in 3D imaging into daily clinical practice. In 2007 the close cooperation of the 3D Lab, the department of oral and maxillofacial surgery, the department of ear, nose and throat (ENT) surgery and the department of plastic surgery led to the opening of the center for facial surgery (Centrum voor aangezichts chirurgie). An important part of this center was the 3D consulting hour which he initiated together with prof. Bergé and dr. Ingels.

During his work he developed a passion for research and clinically related work in oral and maxillofacial surgery. The developments in the 3D Lab led to numerous publications and he presented his scientific work on several national and international conferences. Presenting his research, Thomas Maal won several international prizes (Computer Aided Radiology and Surgery in Berlin(2007), 3D-FIRG conference in Bruges(2008)). Furthermore, he participated in a cleft research project in India at the GSR Hospital in cooperation with prof. Dr. Gosla Reddy. Another research project, concerning the average dutch face, was initiated together with prof. dr. Chung How Kau in Birmingham, Alabama, USA.

In 2011, together with ir. Verhamme, he started a cooperation to implement the possibilities of 3D imaging into the clinical workflow for the department of oral and maxillofacial surgery (prof. dr. Koole) of the University Medical Centre Utrecht. Later, a research cooperation concerning 3D imaging was initiated with the department of oral and maxillofacial surgery

(prof. dr. Becking) of the Academic Medical Centre, Amsterdam (AMC).

Apart from the clinical work and research projects he supervised numerous internships for students of technical medicine, general medicine and dentistry. In 2011 he played a coordinating role together with dr. van der Sanden in setting up the new course on 3D imaging (Beeldvormende technieken) for the dentistry master program. Furthermore, he lectured numerous workshops on 3D imaging in the Netherlands as well as abroad. In March 2010 he was the leading medical engineer in the organizing board of the international 3D-FIRG Conference in Eindhoven.

After finalizing his PhD he will continue to work as coordinator of the 3D Lab Nijmegen and keep being involved in research as well as the clinical field.