



# TYMOUR (TIM) FOROUZANFAR

MD DDS PHD

**MAXILLOFACIAL / HEAD AND NECK ONCOLOGICAL  
SURGEON**

## POSITION

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### **Member of the board ADT Foundation**

Oct. 2019 - Current

### **Head of dept. Oral and Maxillofacial Surgery / Oral Pathology in Amsterdam**

Amsterdam UMC location VUmc, Amsterdam, The Netherlands

## ACADEMIC ACTIVITIES

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Author and co-author of around 140 publications. Supervised 11 PhD students. Currently supervisor of 25 PhD students.

Polymethyl methacrylate does not adversely affect the osteogenic potential of human adipose stem cells or primary osteoblasts. *J Biomed Mater Res B Appl Biomater.* 2019 Oct 24.

Intraoperative Tumor Assessment Using Real-Time Molecular Imaging in Head and Neck Cancer Patients. *J Am Coll Surg.* 2019 Dec;229(6):560-567.

Segmentation of dental cone-beam CT scans affected by metal artifacts using a mixed-scale dense convolutional neural network. *Med Phys.* 2019 Nov;46(11):5027-5035.

The Sentinel Margin: Intraoperative *Ex Vivo* Specimen Mapping Using Relative Fluorescence Intensity. *Clin Cancer Res.* 2019 Aug 1;25(15):4656-4662.

IL-6 counteracts the inhibitory effect of IL-4 on osteogenic differentiation of human adipose stem cells. *J Cell Physiol.* 2019 Nov;234(11):20520-20532.

Accuracy of computer-assisted surgery in mandibular reconstruction: A postoperative evaluation guideline. *Oral Oncol.* 2019 Jan;88:1-8.

Radical vs conservative treatment of intraosseous ameloblastoma: Systematic review and meta-analysis. *Oral Dis.* 2019 Oct;25(7):1683-1696.

## RESEARCH TOPICS

Oral Medicine / oncology  
Regenerative medicine including 3d and cell technologies

## PROFILE

I am a consultant oral and maxillofacial surgeon, trained in head and neck surgery including post-oncological reconstructive surgery. Since 2012 I am Head of the Department of Oral and Maxillofacial Surgery / Oral Pathology in Amsterdam UMC-VUmc, The Netherlands.

After my appointment as Head, our staff embraced a mission and vision for the future. We wanted to become a department specialized in head and neck oncology, being a center of excellence for head and neck reconstructions in Europe.

Furthermore, we wanted a multicultural department with more diversity. Concerning our research activities, we defined two priorities (main topics) being Oral Medicine & Oral Oncology and Regenerative Medicine including 3D-technology and stemcell-technology. For these purposes, we started to train our OMF-surgeons in head and neck oncology, founded the 3D-Innovation Lab and Cell-technologies Lab for Stemcell Research. In both labs engineers, physicians, designers, biologists and researches collaborate in a multidisciplinary and international environment.

Eight years later we have four head and neck oncological surgeons, perform state-of-the-art maxillofacial reconstructions, delivered 20 PhD-students in these topics and 32 PhD-programs ongoing, have five different cultures in our department and collaborate with universities in 23 countries of which 4 very intensive.

I am delighted to be part of the ADT foundation and hope to contribute in education, research and development of head and neck reconstruction strategies

## CONTACT

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