

## PROGRAMME FRIDAY, APRIL 21, 2023

### ADVANCES IN DIAGNOSIS AND TREATMENT OF LARYNX AND HYPOPHARYNX CARCINOMA

Moderator R Dirven

#### 08.45 – 09.15

Definitive outpatient endo-scopic staging of laryngeal and hypopharyngeal carcinoma  
GB van den Broek

#### 09.15 – 09.45

Imaging checklist for transoral laser microsurgery and laryngeal preservation  
EV Sjögren

#### 09.45 – 10.15

Image guided radiotherapy approach: Mapping of lymph node drainage to tailor elective nodal irradiation (SUSPECT)  
A Al-Mamgani

#### 10.15 – 10.45

Coffee break

### ADVANCES IN ADDITIONAL DIAGNOSTICS

Moderator WH Schreuder

#### 10.45 – 11.15

Tumor tissue biomarkers vs conventional imaging in predicting treatment response  
M Lucas

#### 11.15 – 11.45

The role of intervention radiology in diagnosis and curative treatment of head and neck tumors  
JCJ Bot

#### 11.45 – 13.00

Lunch

### RADIOTHERAPY AND NUCLEAR MEDICINE

Moderator RM van Amelsfoort

#### 13.00 – 13.30

Increasing role of nuclear medicine in radiotherapy planning  
WV Vogel

#### 13.30 – 14.00

The selection process for proton radiotherapy in head and neck cancer patients  
CRN Rasch

#### 14.00 – 14.30

The potential use of handcrafted and deep radiomics for the treatment of head and neck cancer  
Z Salahuddin

### FUTURE DEVELOPMENTS

Moderator LE Smeele

#### 14.30 – 15.00

Will liquid biopsies replace tumor biopsies for the diagnosis of (early) stage disease?  
RJA Fijneman

#### 15.00 – 15.30

The value and indication of reflectance confocal microscopy for head and neck skin cancer  
YS Elshot

#### 15.30 – 16.00

Are doctors still needed for interpretation of imaging results? The future role of artificial intelligence  
L Topff

## INFORMATION

### Location

The Netherlands Cancer Institute  
Plesmanlaan 121  
1066 CX Amsterdam  
The Netherlands

### Language

The official language of the symposium will be English.

### Registration online

[www.hoofdhalskanker.info/symposium-head-and-neck-cancer](http://www.hoofdhalskanker.info/symposium-head-and-neck-cancer)

The deadline for registration is March 31, 2023.

### Poster submission

Online submission of poster abstracts is requested before February 1, 2023. Instructions for submission can be found on our website.

The best poster will be rewarded with a prize on the second conference day.

### Contact information:

E-mail: [headandnecksymposium@nki.nl](mailto:headandnecksymposium@nki.nl)  
Tel. +31 20 5122550 / +31 20 5122923

### Accreditation

CME points have been applied for.

### Fees

Early bird registration before January 1, 2023  
Physicians: € 380,-; residents/allied health professionals: € 285,-.  
Registration on/after January 1, 2023:  
Physicians: € 480,-; residents/allied health professionals: € 360,-.  
The registration fee includes lunches, coffee and tea during breaks on both days.

### Cancellation policy

For registration fees to be refunded, written notice of cancellation must be received by March 31, 2023. The amount of registration fees remitted, minus a 15% handling fee, will be refunded after the symposium. Substitutions are accepted with written notification. After March 31, 2023 no refunds will be made.

### Hotels

[www.hoofdhalskanker.info/symposium-head-and-neck-cancer/hotels/](http://www.hoofdhalskanker.info/symposium-head-and-neck-cancer/hotels/)



The 15<sup>th</sup> International Netherlands Cancer Institute Head and Neck Symposium

## DIAGNOSIS AND TREATMENT OF HEAD AND NECK CANCER

*THE PIVOTAL ROLE OF IMAGING AND IMAGE GUIDANCE*

Amsterdam, April 20-21, 2023

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OKTOBER 2022

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## INTRODUCTION

Since 1993 fourteen successful AVL multidisciplinary symposia were held on the diagnosis and treatment of head and neck cancer. Each audience constituted of a large number of highly interested (inter-)national specialists, actively participating in discussions. The forthcoming 15th symposium is focused on the pivotal role of imaging and image guidance in diagnosis and treatment of head and neck cancer. Apart from new insights in molecular biology and pathogenesis of cancer, including the role of HPV, and the breakthrough of immunotherapy, innovations in emerging technologies has slowly moved medical imaging to the center of diagnosis and treatment of head and neck cancer during the last decades.

Nowadays, various applications of imaging not only play a central role in the diagnosis and staging of diseases, but also in active treatment of head and neck cancer as for follow-up. It has even proven to be the pivot of the multidisciplinary tumor board discussions for appropriate clinical decision making.

This symposium brings pitfalls in implementation of these recent achievements in daily clinical practice to the attention of the participants. Lectures by keynote speakers will bring you up to date on general knowledge and case report discussions are included to discuss implementation of the acquired knowledge.

The symposium is of importance for both residents and specialists working in the field of otolaryngology-head and neck surgery, oral and maxillofacial surgery, general surgery, radiotherapy, pathology, dermatology, radiology, speech and language pathology, fellows and residents in training. Lectures and presentations aim at teaching and discussion on current advances and state of the art of diagnosis and treatment of head and neck cancer. The selection of the speakers represents the multidisciplinary character of this symposium.

Looking forward to your participation, also on behalf of the NKI Multidisciplinary Head and Neck Unit

Organizing committee:

Willem H Schreuder  
Abraham Al-Mamgani  
Charlotte AH Lange

Michiel WM van den Brekel  
Alfons JM Balm  
Ludi E Smeele

## INTERNATIONAL GUEST FACULTY



**JR de Almeida**, Department of Otolaryngology-Head and Neck Surgery, University of Toronto, Toronto, Canada



**KA Hutcheson**, Department of Head and Neck Surgery, MD Anderson Cancer Center, Houston, USA



**R Maroldi**, Department of Radiology, University of Brescia, Italy



**H Mehanna**, Institute of Head and Neck Studies and Education (InHANSE), School of Cancer Sciences, University of Birmingham, Edgbaston, Birmingham, United Kingdom

## NATIONAL GUEST FACULTY

JCJ Bot, Department of Intervention Radiology, Amsterdam UMC, Amsterdam

GB van den Broek, Department of ORL/Head & Neck Surgery, Radboud University Medical Center, Nijmegen

TJJ Maal, Department of Oral and Maxillofacial Surgery, Radboud University Medical Center, Nijmegen

CRN Rasch, Department of Radiation Oncology, Leiden University Medical Center, Leiden

Z Salahuddin, Department of Precision Medicine, Research Institute GROW, Maastricht University, Maastricht

EV Sjögren, Department of Otorhinolaryngology-Head and Neck Surgery, Leiden University Medical Center, Leiden

SAHJ de Visscher, Department of Oral & Maxillofacial Surgery, University Medical Center Groningen, Groningen

## FACULTY THE NETHERLANDS CANCER INSTITUTE

### Department of Head and Neck Oncology and Surgery

AJM Balm  
MWM van den Brekel  
R Dirven  
MB Karakullukçu  
LHE Karssemakers  
WMC Klop  
PJFM Lohuis  
WH Schreuder  
LE Smeele  
LA van der Velden  
CL Zuur

### Department of Dermatology

YS Elshot

### Department of Medical Oncology

M Lucas

### Department of Nuclear Medicine

WV Vogel  
M Wondergem

### Department of Pathology

RJA Fijneman

### Department of Radiology

LMM Braun  
CAH Lange  
L Topff

### Department of Radiotherapy

A Al-Mamgani  
A Navran  
JJ Sonke

## PROGRAMME THURSDAY, APRIL 20, 2023

**8.00 – 08.50**

Registration

**09.00 – 09.10**

Introduction

*MWM van den Brekel*

### HISTORY OF IMAGING AND STAGING

*Moderator MWM van den Brekel*

**09.10 – 10.00**

The technological revolution in imaging and image guidance: where did it start and where are we going to?  
*JJ Sonke*

**10.00 – 10.30**

Is the current role of imaging improving the accuracy and prognostic value of TNM staging of head and neck cancer?  
*R Maroldi*

**10.30 – 11.00**

Coffee break

### ADVANCES IN DIAGNOSIS AND TREATMENT OF THE UNKNOWN PRIMARY

*Moderator WH Schreuder*

**11.00 – 11.30**

Advances in diagnostic imaging for detection of unknown primary carcinoma  
*WV Vogel*

**11.30 – 12.00**

Algorithms for finding and treating the unknown primary  
*JR de Almeida*

**12.00 – 13.00**

Lunch

### ADVANCES IN DIAGNOSIS AND TREATMENT OF ORAL CANCER

*Moderator LHE Karssemakers*

**13.00 – 13.30**

The clinical value of intra-operative fluorescence and radiotracers in sentinel lymph node biopsy  
*WMC Klop*

**13.30 – 14.00**

Navigation and imaging techniques for intraoperative margin control  
*MB Karakullukçu*

**14.00 – 14.30**

3D imaging and printing in reconstructive procedures: what are the perspectives?  
*TJJ Maal*

**14.30 – 15.00**

Optical imaging in head and neck cancer; an overview of the current status and innovations  
*SAHJ de Visscher*

**15.00 – 15.30**

Coffee break

### ADVANCES IN DIAGNOSIS AND TREATMENT OF OROPHARYNGEAL CANCER

*Moderator LA van der Velden*

**15.30 – 16.00**

Pushing the limits: introducing imaging techniques in robotic surgery  
*JR de Almeida*

**16.00 – 16.30**

The role of radiological imaging in surveillance after curative treatment  
*H Mehanna*

**16.30 – 17.00**

Prediction and visualisation of swallowing function after transoral surgery vs non-surgical treatment: which works better in the long term?  
*KA Hutcheson*

### CASE REPORT DISCUSSIONS\*

*Moderator CAH Lange*

**17.00 – 17.45**

Imaging of perineural cancer growth at skull base  
*CAH Lange*

Response monitoring of immunotherapy with FDG PET/CT  
*M Wondergem*

MR imaging of the extracranial facial nerve  
*LMM Braun*

3D ultrasound guided resection of tongue cancer  
*MB Karakullukçu*

*\*During this session 4 complex cases will be presented with emphasis on diagnostic procedures and various treatment options. The participants are invited to participate actively in the discussion by an anonymous voting system using your smartphone. Results of voting will be presented graphically.*