Contents

CHAPTER 1
General introduction

CHAPTER 2
Screening for distant metastases in head and cancer patients by chest CT or whole body $^{18}$FDG-PET: A prospective multicenter trial
Radiotherapy and Oncology 2008;87:221-229

Chapter 3
Chest CT and Whole body $^{18}$FDG-PET are cost-effective in screening for distant metastases in head and neck cancer patients
J Nucl Med 2010;51:176-182

Chapter 4
Interobserver Variability in Chest CT and Whole Body FDG-PET Screening for Distant metastases in Head and Neck Cancer Patients

Chapter 5
Screening for distant metastases in head and neck cancer patients using $^{18}$FDG-PET and chest CT: validation of an algorithm
Eur Arch Otorhinolaryngol 2016;273:2643-2650

Chapter 6
Pretreatment screening on distant metastases and head and neck cancer patients: Validation of risk factors and influence on survival
Oral Oncology 2015;51:267-271
Chapter 7
The adverse impact of surveillance intervals on the sensitivity of FDG-PET/CT for the detection of distant metastases in head and neck cancer patients
Eur Arch Otorhinolaryngol 2017;274:1113-1120

Chapter 8
Pretreatment screening for distant metastases in the Dutch head and neck centers: 10 years later
Eur Arch Otorhinolaryngol 2016;273:3287-3291

Chapter 9
Future perspectives

Chapter 10
Samenvatting Engels en Nederlands