

## Chapter 2

# Diagnostic Imaging of Salivary Gland Pathology

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### Introduction

Anatomic and functional diagnostic imaging plays a central role in modern medicine. Virtually all specialties of medicine to varying degrees depend on diagnostic imaging for diagnosis, therapy, and follow-up of treatment. Because of the complexity of the anatomy, treatment of diseases of the head and neck, including those of the salivary glands, are particularly dependent on quality medical imaging and interpretation. Medical diagnostic imaging is divided primarily into two major categories, anatomic and functional. The *anatomic* imaging modalities include computed tomography (CT), magnetic resonance imaging (MRI), and