

## **Periodontology**

### **About the Specialty**

The specialty of periodontology is characterised by diagnosis and treatment of patients with infections and medical conditions of the tissues surrounding teeth and dental implants.

The field of competence includes inter alia

- advanced knowledge of infections of the tissues that surround teeth and dental implants,
- surgical and non-surgical treatment methods for periodontal diseases and conditions,
- regeneration and reconstruction of the tissues that surround teeth and dental implants,
- reconstruction of tissue that has been lost due to periodontal diseases and conditions, and
- knowledge of the connections between diseases and conditions of the tissues that surround the teeth and dental implants and general health.

Cooperation with other specialties and professions or professional groups within the dental care system as well as within the healthcare system is central to the specialty.

## Definition of Objectives for the Speciality of Periodontology

This definition of objectives contains the following objectives:

SÖ 1 – SÖ 9

Periodontology 1 – Periodontology 9

### The Specialty's General Objectives

SÖ 1	Competency Requirements
Conduct professional development	A competent dental specialist must <ul style="list-style-type: none"><li>– be able to take responsibility for the development of examination and treatment routines within their own specialty</li><li>– be able to share knowledge from their own specialty's subject area with various target groups</li><li>– be able to assume responsibility for cooperation between their own specialty and e.g. other specialties, professions and organisations</li><li>– be able to assume responsibility for continuing education in the workplace</li><li>– be able to assume responsibility for the implementation of improvement measures based on systematic evaluations of the workplace's processes and routines</li><li>– be able to assume responsibility for the integration and outphasing of techniques and methods</li></ul>

SÖ 2	Competency Requirements
Dental Public Health	A competent dental specialist must <ul style="list-style-type: none"><li>– be able to apply statutes and other provisions applicable to the dental specialty</li><li>– demonstrate knowledge of the specialist dental care system's management and organisation</li><li>– demonstrate knowledge of factors that affect health and differences between various social groups regarding oral health</li><li>– demonstrate knowledge of how interventions on the social level can affect the oral health of the population and how such interventions can be organised</li></ul>

<b>SÖ 3</b>	<b>Competency Requirements</b>
Communication, Pedagogy and Collaboration	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– be able to present and explain dental and medical information in a clear and accessible way, both orally and in writing</li><li>– be able to adapt their manner of communication to patients and their family on the basis of individual needs and communicative capacities</li><li>– be able to communicate difficult information to patients and their family with respect, empathy and sensitivity</li><li>– be able to plan and conduct instruction for various target groups</li><li>– be able to manage and instruct colleagues and other coworkers</li><li>– be able to assume responsibility for multiprofessional teamwork centred on individual patients</li></ul>

<b>SÖ 4</b>	<b>Competency Requirements</b>
Science	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– be able to participate in the knowledge development of their own specialty</li><li>– be able to critically review and evaluate dental and medical scientific information</li><li>– be able to apply a scientific approach to everyday tasks</li></ul>

<b>SÖ 5</b>	<b>Competency Requirements</b>
Ethics	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– be able to identify ethical problems and analyse them in a structured way</li><li>– be able to manage conflicts of values in everyday tasks</li></ul>

<b>SÖ 6</b>	<b>Competency Requirements</b>
Diversity and Equality	A competent dental specialist must <ul style="list-style-type: none"><li>– demonstrate knowledge of how discrimination and inequality in society arise</li><li>– demonstrate knowledge of how discrimination and inequality in the dental care system can be prevented and counteracted</li></ul>

<b>SÖ 7</b>	<b>Competency Requirements</b>
Patients with Special Needs	A competent dental specialist must <ul style="list-style-type: none"><li>– be able to identify patients with special needs and take adequate measures</li><li>– be able to collaborate in a network centred on patients with special needs</li></ul>

<b>SÖ 8</b>	<b>Competency Requirements</b>
Children	A competent dental specialist must <ul style="list-style-type: none"><li>– demonstrate knowledge of the normal child development</li><li>– demonstrate knowledge of the conditions under which children can be mistreated, risk and protection factors in connection with the mistreatment of children and signs of mistreatment</li></ul>

<b>SÖ 9</b>	<b>Competency Requirements</b>
Geriatrics	A competent dental specialist must <ul style="list-style-type: none"><li>– be able to adapt the dental care of elderly patients based on their special circumstances and needs</li></ul>

**The Specialty's Specific Objectives**

<b>Periodontology 1</b>	<b>Competency Requirements</b>
Psychology and Psychiatry	<p>A competent dental specialist must</p> <ul style="list-style-type: none"> <li>– demonstrate knowledge of how poor psychological health and psychiatric disorders and conditions can interact with dental treatment</li> <li>– be able to apply methods that aim at behaviour changes and increased motivation and cooperation</li> </ul>

<b>Periodontology 2</b>	<b>Competency Requirements</b>
Dental Care in Case of Haematological and Oncological Diseases and Conditions	<p>A competent dental specialist must</p> <ul style="list-style-type: none"> <li>– demonstrate knowledge of haematological and oncological diseases and conditions that can affect oral diseases and conditions</li> <li>– demonstrate knowledge of how haematological and oncological diseases and conditions can interact with oral diseases and conditions</li> <li>– be able to provide dental care to patients with haematological or oncological diseases or conditions</li> </ul>

<b>Periodontology 3</b>	<b>Competency Requirements</b>
Dental Care in Case of Internal Medical Diseases and Conditions	<p>A competent dental specialist must</p> <ul style="list-style-type: none"> <li>– demonstrate knowledge of examination methods for diagnosis of internal medical diseases and conditions</li> <li>– demonstrate knowledge of how internal medical diseases and conditions can interact with oral diseases and conditions</li> <li>– be able to provide dental care to patients with internal medical diseases or conditions</li> </ul>

<b>Periodontology 4</b>	<b>Competency Requirements</b>
Immunological Diseases and Conditions	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– demonstrate knowledge of the aetiology, pathogenesis and histopathology of immunological diseases and conditions</li><li>– demonstrate knowledge of the symptoms and diagnosis of immunological diseases and conditions</li><li>– demonstrate knowledge of how immunological diseases and conditions and inflammatory processes can affect periodontal diseases and conditions</li></ul>

<b>Periodontology 5</b>	<b>Competency Requirements</b>
Oral Pathological Diseases and Conditions	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– demonstrate knowledge of the aetiology, pathogenesis and histopathology of changes in the oral mucosa</li><li>– demonstrate knowledge of symptoms and diagnosis of changes in the oral mucosa</li><li>– demonstrate knowledge of the aetiology, pathogenesis and histopathology of changes in oral hard tissues and related soft tissues</li><li>– demonstrate knowledge of the symptoms and diagnosis of changes in the oral hard tissues and related soft tissues</li><li>– be able to provide dental care to patients with oral pathological diseases or conditions</li></ul>

<b>Periodontology 6</b>	<b>Competency Requirements</b>
Radiology	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– demonstrate knowledge of methods within radiology that bear on treatment planning and dental treatment of inflammatory conditions caused by teeth, dental implants, jaws or surrounding tissues</li><li>– be able to evaluate radiological examination results during dental care of patients with inflammatory conditions caused by teeth, dental implants, jaws or surrounding tissues</li><li>– be able to evaluate radiological examination results during reconstruction of tissue that has been lost due to diseases or conditions of the teeth, jaw or surrounding tissues</li></ul>

<b>Periodontology 7</b>	<b>Competency Requirements</b>
Pharmaceuticals	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– be able to adapt a specific pharmacotherapy to the rest of a patient's pharmacotherapy and any of their diseases or conditions</li><li>– be able to prescribe pharmaceuticals for treatment of acute and chronic inflammatory conditions that are caused by teeth, dental implants, jaws or surrounding tissues</li></ul>

<b>Periodontology 8</b>	<b>Competency Requirements</b>
Laboratory Medicine	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– demonstrate knowledge of the methods of laboratory medicine that bear on dental treatment of patients cared for by the specialty</li><li>– be able to evaluate needs and initiate laboratory examinations of patients cared for by the specialty</li><li>– be able to evaluate laboratory examination results during dental care</li></ul>

<b>Periodontology 9</b>	<b>Competency Requirements</b>
Diagnosis, Treatment and Follow-Up	<p>A competent dental specialist must</p> <ul style="list-style-type: none"><li>– demonstrate knowledge of causes of diseases and conditions in tissues surrounding teeth and dental implants</li><li>– be able to evaluate examination results and analysis methods for diagnosis and treatment planning of diseases and conditions of tissues surrounding teeth and dental implants</li><li>– demonstrate knowledge of prosthetic rehabilitation during reconstruction of tissue lost due to diseases or conditions of the teeth, jaws or surrounding tissues</li><li>– be able to apply examination results and analysis methods for diagnosis and treatment planning of diseases and conditions of tissues surrounding teeth and dental implants</li><li>– be able to diagnose and analyse causes of diseases and conditions of tissues surrounding teeth and dental implants</li><li>– be able to evaluate how diseases and conditions of tissues surrounding teeth and dental implants in a patient and their treatment affect general health, including oral health in other respects</li><li>– be able to provide dental care to patients with diseases or conditions of tissues surrounding teeth or dental implants</li><li>– be able to apply surgical techniques for reconstruction of tissue lost due to diseases or conditions of tissues surrounding teeth or dental implants</li></ul>

