

TABLE OF CONTENTS

1. Introduction to Stomatology (V. Košut)	7
1.1 <i>Classification of Stomatology</i>	7
1.2 <i>Examination of Patients</i>	8
1.3 <i>Biological Testing of Dental Materials (J. Vaněk)</i>	10
2. Basics of Restorative Stomatology (Z. Halačková)	14
2.1 <i>Dental Caries and Associated Issues</i>	14
2.1.1 <i>Diseases of the Pulp</i>	18
2.1.2 <i>Periodontitis</i>	20
2.2 <i>Focal Dental Infections</i>	22
2.3 <i>Special Aspects of Children's Treatment (M. Kukletová)</i>	23
2.3.1 <i>Restorative Stomatology</i>	24
2.3.2 <i>Surgical Stomatology</i>	26
2.3.3 <i>Stomatologic Prosthetics</i>	28
2.3.4 <i>Periodontics</i>	28
2.3.5 <i>Treatment of Un-cooperating Patients</i>	29
2.3.6 <i>Disorders of Teeth Development</i>	30
3. Periodontal Diseases (V. Sazmová)	31
3.1 <i>Factors Causing Parodontopathies</i>	32
3.2 <i>Classification of Parodontopathies According to the Czech Nomenclature</i>	33
3.3 <i>Prevention of Parodontopathies</i>	39
4. Diseases of Oral Mucosa (V. Sazmová)	41
4.1 <i>Etiology of Mucous Diseases</i>	41
4.2 <i>The Selected Disorders of Oral Mucosa</i>	42
4.3 <i>Profession-related Changes in the Oral Cavity</i>	45
4.4 <i>Manifestations of AIDS on the Oral Cavity Mucosa</i>	46

5. Prosthetic Dentistry (B. Bílý)	48
5.1 <i>Types of Dentures: Fixed Dental Prostheses</i>	49
5.2 <i>Removable Prostheses</i>	50
5.3 <i>Surgical Dentures</i>	53
5.4 <i>Damage of Tissues by Dentures and Its Prevention</i>	54
6. Dental Implantology (J. Vaněk)	55
6.1 <i>Classification of Implants, Properties of Materials, Biocompatibility</i>	56
6.2 <i>Indication, Contraindication</i>	58
7. Orthopedics of Jaws (M. Pokorná)	60
7.1 <i>Orthodontic Anomalies</i>	60
7.2 <i>Classification of Orthodontic Anomalies</i>	61
7.2.1 <i>Anomalies of Teeth Positions</i>	61
7.2.2 <i>Anomalies of Dental Arches Relationships</i>	62
7.2.3 <i>Disorders of the Facial Skeleton Structure and Growth</i>	63
7.3 <i>Therapy of Orthodontic Anomalies</i>	64
7.4 <i>Cleft Disorders</i>	65
8. Basics of Dento-alveolar Surgery (V. Košut)	68
8.1 <i>Teeth Extraction</i>	68
8.2 <i>Anesthesia at Dentistry</i>	69
8.3 <i>Complications of Teeth Extractions</i>	72
8.4 <i>Diseases of the Mandibular Joint</i>	74
8.5 <i>Contracture of Jaw Muscles</i>	76
8.6 <i>Inflammations Around the Jaws</i>	77
8.7 <i>Osteitis and Osteomyelitis of the Jawbones</i>	79

9. Diseases of Salivary Glands (V. Sazmová)	81
9.1 <i>Salivary Glands Functions</i>	81
9.2 <i>Examinations of Sialopathies</i>	81
9.3 <i>Inflammations of Salivary Glands</i>	82
9.4 <i>Sialoses</i>	85
9.5 <i>Sialolithiasis</i>	87
9.6 <i>Tumors of Salivary Glands</i>	87
9.7 <i>Cysts of Salivary Glands</i>	89
9.8 <i>Injuries of Salivary Glands</i>	89
10. Traumatology of the Facial Skeleton and the Teeth (M. Machálka) 90	
10.1 <i>Statistical Analysis of Causes of Facial Injuries</i>	90
10.2 <i>First Aid During Facial Injuries</i>	91
10.3 <i>Mandibular Fractures</i>	93
10.4 <i>Luxation of the Lower Jaw</i>	100
10.5 <i>Injuries of the Middle Third of the Face</i>	101
10.5.1 <i>Classification of Fractures of the Middle Facial Third</i>	103
10.5.2 <i>Therapy of Fractures of the Middle Facial Third</i>	109
10.6 <i>Healing of Fractures</i>	111
10.7 <i>Injuries of the Teeth</i>	114
10.8 <i>Injuries of Soft Tissues</i>	115
10.9 <i>Brain Damage</i>	116
10.10 <i>A Traumatic Shock</i>	118
10.11 <i>Polytraumas</i>	120
11. Tumors of the Head and the Neck (J. Bilder)	122
11.1 <i>Epidemiology</i>	122
11.2 <i>Diagnosis and Staging</i>	123

<i>11.3 Oncological Prevention in Stomatology</i>	125
<i>11.4 General Rules of Tumor Therapy</i>	129
<i>11.5 Oro-facial Precancerous States</i>	132
<i>11.6 Survey of the Oro-facial Tumors</i>	136