

# Dentistry

## Conservative Dentistry and Parodontology



- Sensitivity and specificity of caries diagnostics in different radiologic procedures
- Consecutive dental findings of orthopantomograms in a large collective – incidence of caries in different age groups
- In vitro study to evaluate hard tooth tissue in the approximal space
- Association between age of amalgam fillings and probing depths, mobility grades and ryge criteria
- Retrospective evaluation of the length of survival of teeth after direct capping with calcium hydroxide
- Determination of mechanic strength values in modified tooth composites
- Marginal density of the orthograde root filling after apicoectomy – comparison of different materials by means of electron-microscopic examination
- Fracture rate of endodontic files with due regard to the „Wave One“
- Long-term course after root filling – influencing factors on loss rate
- Comparison of progress after root filling over a period of 20 years – long-term success of different treatment techniques and indications
- Identification of independent determinants of failed root canal treatments
- Comparison of long-term courses after different techniques of root canal treatment
- Bleaching of devital teeth
- In vitro study on the toxicity of bleaching treatments
- Influence of brush abrasions (in vitro) on dentin and enamel
- Correlation between dental hygiene and bacterial profile before and after treatment of patients and their relatives
- Comparison of bacterial colonisation of healthy teeth, gold and ceramic caps in patients suffering from parodontitis
- Decrease of quality of life due to parodontitis
- Predictive values of risk factors for parodontitis – establishment of a new risk score
- Influence of rheumatism on parodontitis – an interdisciplinary study
- Diabetes-Screening in dental practice using the Find-Risk questionnaire – a practice based pilot study
- Importance of aliphatic acid on parodontitis in patients with rheumatoid diseases
- Standard of knowledge of dental assistants regarding caries and parodontitis prevention
- Effects of chemotherapeutics on the vitality of bacteria on enamel and dentin
- Coincidence of carotid calcifications in patients with progressed parodontitis
- Influence of rheumatoid diseases on the prevalence of parodontitis
- Association between immunosuppressive therapy in rheumatoid diseases and parodontal diseases
- Patient characteristics in clinical treatment processes in dental medicine – a comparative analysis covering 2 decades
- Validation of a new questionnaire regarding patient satisfaction after parodontal treatment
- Diagnostics of parodontitis – of what significance is the MMP 8 rapid test?

- Association between MMP-8 and parodontitis in patients suffering rheumatoid Arthritis
- Adjuvant administration of ethereal oil in parodontitis treatment
- Level of knowledge of practising dentists regarding diagnostic and therapeutic procedures in endodontics
- Influence of tooth position and oral health on quality of life
- Influence of different rinsing solutions on the bacterial colonisation in endodontic treatments
- Dental chart dependent on nutrition and oral hygiene in adolescents – a questionnaire study
- Relation between social factors and dental health
- Dental health after bone marrow transplantation
- Influence of high-performance sport on dental health – prevalence of dental fractures in combat sport
- Significance of oral irrigators in the daily interdental and gingival hygiene / parodontal Hygiene
- Efficiency validation of Dental Water Jets in additive implementation of Full Mouth Disinfection (FMD) without antibiotherapy, verified by the polymerase chain reaction
- Evidence of rantes in tissue and serum in different inflammatory dental processes
- Evidence of mycoplasma with PCR in endodontic Treatment
- Competence of dentists in the treatment of life-threatening emergencies in the practice
- Patients in a dental polyclinic during the emergency consultation hours – epidemiologic factors, accident progress and prognostic factors for tooth conservation
- Analysis of diseases with hypoplastic incisors

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## **Materials Science / Prothetic Dentristry / Propaedeutics**

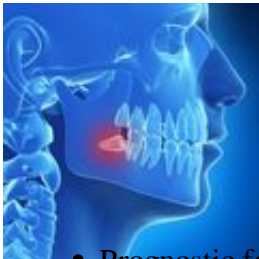


- Comparison of different ceramic Systems
- Quality and resilience of different ceramic veneers
- Comparison of treatment possibilities of dental hard tissue loss in the posterior region
- Comparison of retentive strength and surface loadability in test series with differing depths of canal inlay with vs. without retention
- Comparison of fracture stability of different denture materials
- Successes in selective laser intensity in dentistry
- Analysis of cement gaps and marginal gaps in bridges using different materials
- Influence of breaking loads after use of different materials and adhesion techniques
- Influence of dental pin conditioning on adhesion of dental pins in the root canal – an in vitro study
- Determinants of the temperature development of dentine in preparation – an in vitro study
- Quality comparison of implant impression techniques by using different impression materials
- Implant impression techniques in different new impression materials – a follow-up study
- Comparison of several dental prostheses – aftercare, repairs and risk of loss
- Bacterial contamination of sterilised dental instruments – comparison of different German state

- How high is the protein contamination of purified and sterilised operating materials?
- Survival rate of inlays – comparison of different materials
- Dimensional accuracy of impression material in open and closed implant impressions
- Dimensional precision of different impression techniques using the Xive® implant system

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## Implantology / Oral and Maxillofacial Surgery /Medical Imaging



- Prognostic factors in squamous cell carcinoma of the head and oral cavity considering different operation methods
- Influence of different modified extirpations on long-term course in squamous cell carcinoma of oral cavity and paranasal sinuses
- Risk factors for mortality in floor of mouth cancer
- Survival analysis of patients suffering from tongue carcinoma
- Influence of epidemiologic factors and lifestyle on sensibility, taste perception and perception of pain of the tongue
- Osteoradionecrosis of the mandible – a follow-up study covering 15 years
- Implementing hypnosis procedures during tooth extractions: Acceptance by patients and influence on pain and fear experience
- Therapy of injuries of the mandibular nerve caused by traumata with electro acupuncture
- Information level of patients about dental implants
- Bone loss in implants of the maxilla – a long-term study
- Influence of bone training on the implant-bone-interface in different implant systems
- Bone loss in mandible implants – which risk factors can be identified?
- Long-term results of immediate implant treatment in geriatric patients
- Immediate loading after implant treatments in the non-dentate jaw – analysis of the influence of localisation and patient-related influence factors
- Influencing factors on aesthetics in implantology
- Quality of life and satisfaction of patients with implant-supported dentures
- Genetic factors for implant loss – analysis of polymorphisms
- Occuring of peri-implantitis in different implant systems with vs. without phosphoric acid etching
- Comparison of Bio-Oss® vs. other implantation material regarding the occuring of peri-implantitis
- Histological results after maxillary sinus augmentation – comparison of different bone replacement materials
- Complications after use of membranes in sinus lifts – a review
- Proof of microbiologic contamination of implant cavities after use of different fillers
- Avoidance of peri-implantitis by using oral water jets
- Stability of implants in two methods of insertion: transgingival placement vs. gingival detachment
- Bone loss after different implant systems – a clinical cohort study

- Risk factors depending on operation technique and patient for implant failure in dental everyday practise – a long-term observatio
- Long-term courses after osteosynthesis procedures with different materials
- Covering of multiple recessions with a collagen matrix vs. enamel matrix protein in combination with the tunneling technique
- Performance measurement after gingivo-periostoplasty in patients with clefts
- Mandibular reconstruction with iliac crest graft – a long-term study
- Quality comparison of 3 different X-ray systems as well as the comparison of reliability between first and second examination for the respective examiner
- Examiner-dependent diagnosis of panoramic X-rays – analysis of kappa coefficients of dentists with different standards of education
- Comparison of exactness and interobserver variability in the use of hanel occlusion foil vs. T-scan
- Improvement of interobserver variability in cephalometric diagnoses thanks to intensified training
- Examiner-dependent diagnoses of lateral cephalograms – analysis of kappa coefficients of dentists with different standards of education
- Comparison of the accuracy of details of digital sensors, the conventional dental film and imaging plates in everyday clinical practise as well as an evaluation by different observers
- Radiation exposure and interobserver variability in conventional bitewing radiograph vs. orthopantomograms
- Implementation of Bio-Oss® in everyday dental practise – a monocentric experience
- Breaking load of different types of implants
- Stability values in the jaw bone of implants with different outer forms
- Comparison of manual vs. digital measurements for the grading of tooth misplacements
- Bone resorption in different bone replacement materials after sinus floor elevation

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## Orthodontics



- Einflussfaktoren auf die Prävalenz von radiologisch gefundenen Zufallsbefunden in der Kieferorthopädie
- Definitions of standard values in the measuring of the respiratory tract in the CAT scan
- Measuring of the maxilla in different tooth displacements
- Definition of standard values in the measuring of the maxilla in the CAT scan – an analysis with Osirix
- Measuring of maxilla with CAT scan to determine suitable localizations for miniscrews
- Measuring of dental root inclination in the CAT scan
- Measuring of recessions and dehiscences in maxilla and mandible by means of CAT scan
- Mobility of the jaw before and after dental treatment
- Analysis of cephalometric and orthopaedic parameters before and after dental treatment in

adolescents and adults

- Results of long-term treatment in patients with cleft lip and jaw – analysis of dental, sagittal and vertical Parameters
- Clinical evidence of asymmetries in cleft lip and palate in the CAT scan and MR imaging
- Formation of the mucogingival junction in different areas of the maxilla and mandible – definition of suitable measuring points
- Questionnaire evaluating resident dentists' state of information regarding CMD – are symptoms of CMD recognized?
- Questionnaire evaluating resident dentists' state of information regarding CMD – how is CMD treated?
- Resident dentists' state of information regarding CMD – influence of epidemiologic data
- Prevalence of CMD in the population, in university institutions and in dentists' everyday practice – an epidemiologic study
- Prevalence of CMD in patients suffering from advanced stage of psoriasis
- Association between CMD and CCD – a clinical analysis
- Diagnostics of CMD in patients with vs. without CCD – the significance of OPG
- Analysis of deformations of the cervical spine and cephalometric parameters in patients with symptomatic CMD
- Cervical spine parameters in the lateral cephalogram in patients suffering from CCD compared to the normal population
- Comparison of deformations of the cervical spine in patients with vs. without CCD – a follow-up study
- Improvement of symptoms in patients with CMD – a prospective study comparing conservative and operative treatment strategies
- Therapeutic success through laser acupuncture in patients with CMD
- Association between psoriasis and CMD – diagnostics, therapy and prognostic determinants
- Rantes' in serum and tissue in CMD and the correlation with cytokines
- Evaluation of lateral cephalogram according to the analysis of professor Pancherz before and after orthodontic treatments
- Superimpositions in 3D X-ray images
- Force vectors in orthodontics in the standard Edgewise and Straightwire technique
- Patient expectations regarding the use of orthodontic mini pins – a comparison between two insertion and anaesthesia techniques
- Results of skeletally based molar distalization – a meta-analysis
- The skeletal 'Frog' appliance for molar distalization
- Effects of maxillary expansion – a systematic review
- Molar distalization after treatment of class II malocclusions with the Herbst occlusal hinge
- Application of different bracket ligature mechanisms – comparison of different forms of rotation various multi bracket apparatuses
- Vergleich verschiedener Bracket-Bonding-Verfahren: Zeitbedarf und Langzeitergebnisse
- Inclinations after therapy with the Lip Bumper
- Use of the „tomas Uprighting Spring“ in the uprighting of molars – a case series
- Distalization effects in skeletal anchorage
- Influence of pins on side effects in the treatment with Herbst occlusal hinge
- Influenceability of tinnitus with different medicinal therapies vs. use of dental splints
- Space closure with different pins – a case series
- Prospective analytical study for the quantitative evaluation of the placing of miniscrews to detect clinically visible location markers
- Influence of epidemiologic factors and oral hygiene on the loss of mini pins
- Reliable coupling of orthodontic elements to mini implants with cross slots – an in-vitro examination
- Effects of apparatuses for maxillary expansion on the extrathoracic plenum, epiglottis and hyoid. A

retrospective cephalometric study.

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