



Lecture Abstract

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Main implantological topics:

- Scientific focus: Psychological impact in dental problems. Medical hypnosis and acupuncture in dentistry (dental anxiety, gagging, CMD)
- Clinical focus: CT/DVT-based “navigation” in implantology. Implantologic and prosthetic rehabilitation of cancer patients with failures in the oral and dento-alveolar region

Professional skills:

- Specialist for the implant based prosthodontic rehabilitation of patients with a cancer in the maxillofacial area
- Scientific focus: Evaluation of the mental/psychic impact in dental questions/problems
- Chairman of the interdisciplinary German Association of Hypnosis and Hypnotherapy (DGH)

Future vision of digital dentistry: Where are the missing links?

Digital technologies are an integral and essential part in modern dentistry.

Today’s dentistry applies digital computer integrated manufacturing (CAD / CAM), digital imaging and (digital) navigation in implantology. All of these technologies have their origin in the exclusive technological – industrial utilisation.

A transfer of these technologies in an organic – dynamic system, a human being, results in new therapeutic options, but until now also in unknown limitations.

Especially in the field of the computer-guided implantology in connection with a backward-planning the state of the art options and limitations should be demonstrated by presenting case-reports and scientific validated data. This affects the precision of implant placement and prosthetic superstructures, the possibility of a “keyhole surgery” and the reduction of training curves. The vision of tomorrow which is represented by practice-oriented links between pure science and the daily capability of utilisation and the missing links are the outcome of this.