

**Title of presentation on Zagreb 2018, February**

Simplification and Quality Improvement in implant dentistry through digital workflow with 3D planning and template based surgery

**Brief description of presentation**

3D implant planning and the use of surgical templates solutions became an indispensable part of modern comprehensive implant treatment. The lecture describes the different options of a full digital workflow and discusses relevant indications and advantages on the base of scientific data. The lecture gives a future outlook on upcoming innovations and a summary of the cost-benefit ratio and possible strategies for the practitioner.

**Name:** Dipl.- Ing. Florian C. Schober



## Speakers Summary

- Pioneer and expert in digital dentistry, 3D implant planning and template guided implant placement
- Accomplished and internationally renowned lecturer and trainer in the field of 3D radiology, implant planning and template guided implant placement
- Responsibility in numerous projects of process optimization, especially in the field of dental radiology, implant placement and dental education since 1999
- Master degree in industrial engineering from Technische Universität Berlin Germany with scholarships at LUISS Rome Italy and Hochschule St. Gallen Switzerland
- Senior Teacher and Researcher at the Department of Fixed & Removable Prosthodontics and Dental Material Sciences at the University of Zurich in Switzerland (Head: Prof. Dr. Christoph Hämmerle)
- President of the board of Swissmeda AG
- Member of the board of Digital Dental Life AG (Dental Campus)

## Examples of Lectures / Courses

numerous international workshops and presentations on 3D implant planning, template guided implant placement and new technologies in implant dentistry since 2001

for example:

- |      |  |
|------|--|
| 2016 | Speaker on Plusterveys Symposium in Helsinki, Finland on topic „CBCT and CAD/CAM Integration, the Future of Digital Implant Dentistry“                   |
| 2016 | Advanced course on comprehensive implant dentistry in collaboration with PD Dr. Dr. David Schneider from Schneider/Gründer Zollikon, Zürich, Switzerland |
| 2016 | Workshop-Leader at Guided Surgery Workshop at University of Geneva, Switzerland with Prof. Dr. Irena Sailer  |
| 2016 | Workshop-Leader on 6th International Camlog Congress in Krakow, Poland „3D Implant Planning“   |
| 2016 | Workshop-Leader on 3rd Global Conference of MIS Implants in Barcelona, Spain „3D Implant Planning“   |

- 2015 Advanced Course in Implant Dentistry in Atlanta, USA in collaboration with Prof. Dr. Ronald Jung and Geistlich
- 2015 Lecture und Workshop „Simplification and cost reduction through template driven implant placement“ auf Rosenberg Conference Davos, Switzerland
- 2015 Speaker on Curriculum Implantologie APW of German Society of Implantology (DGI)
- 2014 Speaker on Advanced Course on Comprehensive Implant Dentistry of University of Zurich, Switzerland in collaboration with Prof. Dr. Christoph Hämmerle
- 2014 Workshop-Leader on 5th International Camlog Congress in Valencia, Spain „Simplified approach in implant planning with a new workflow in designing using 3D-printing and surgical templates“
- 2014 Speaker at advanced course for implant dentistry with Prof. Markus Hürzler and Dr. Otto Zuhr in Munich, Germany
- 2013 Speaker on 22nd annual scientific meeting of European Association of Osseointegration (EAO) in Dublin, Ireland „Digital Dental Platforms“
- 2013 Speaker on Guided Surgery Symposium of Prof. Mariano Sanz from Complutense University Madrid, Spain
- 2013 Speaker on Global Conference of MIS Implants in Cannes, France „The Future of Guided Implantology – Simplified Approach in 3D Implant Planning and Guided Surgery“

### Examples of Publications:

In-vitro evaluation of the tolerance of surgical instruments in templates for computer-assisted guided implantology produced by 3-D printing.

*Schneider D, Schober F, Grohmann P, Hammerle CH, Jung RE*

Clinical Oral Implants Research. 2015 Mar;26(3):320-5. doi: 10.1111/clr.12327.

Effizienzsteigerung bei der Implantatbehandlung durch optimierten Workflow (Improved efficiency in implant treatment through optimized workflow)

*Schober F, Fehmer V, Pitta J, Sailer I*

Quintessenz Zahntechnik (German Edition) 43 (2017), No. 3, Pages: 348 - 358