

zmk bern
Zahnmedizinische
Kliniken Bern

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UNIVERSITÄT
BERN

Master Courses at the University of Bern School of Dental Medicine

Master Course in Regenerative and Esthetic Periodontal Therapy

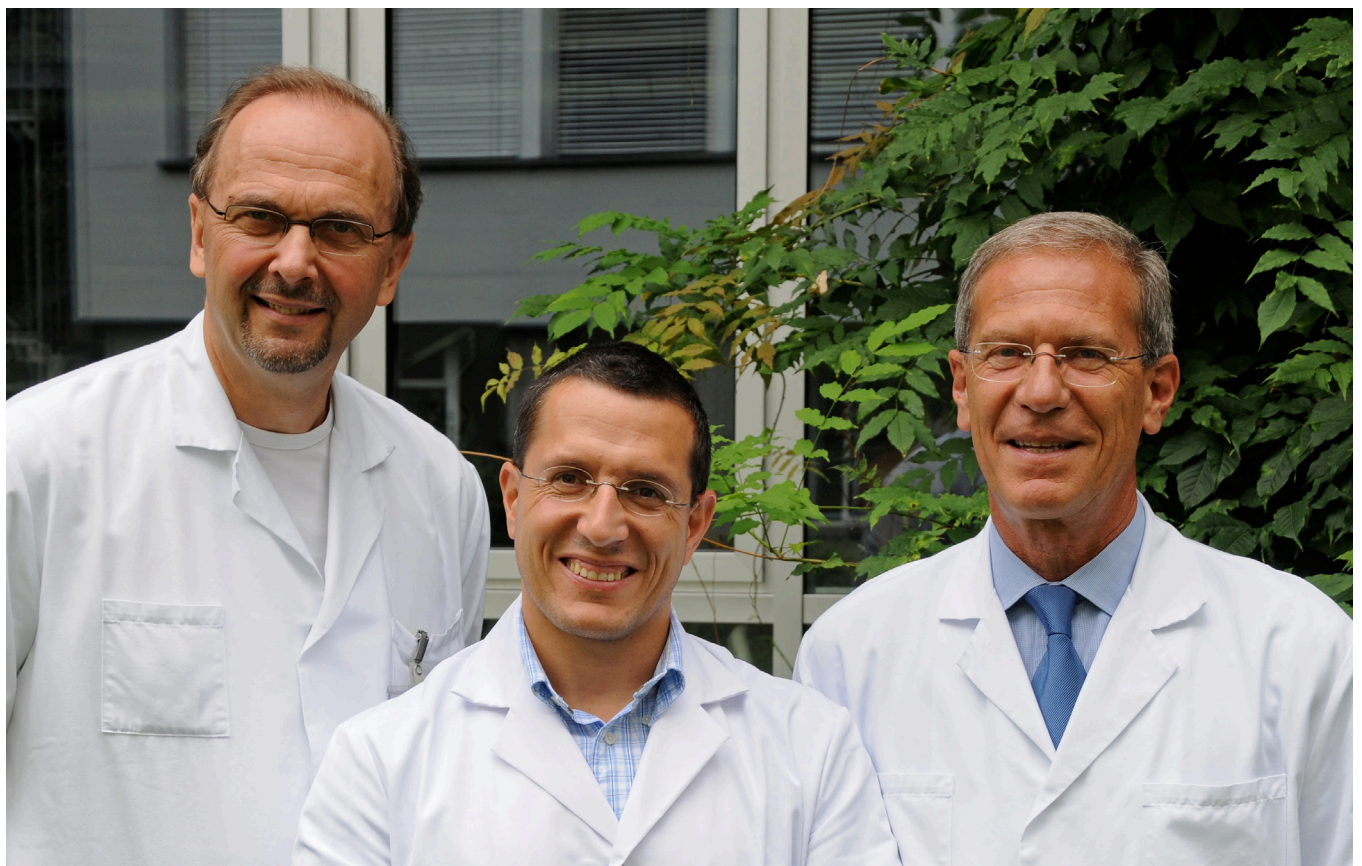
Course Director: Prof. Dr. Anton Sculean

Master Course in Esthetic Implant Dentistry

Course Directors: Prof. Dr. Daniel Buser and Prof. Dr. Urs C. Belser

Master Course in GBR and Sinus Grafting Procedures

Course Director: Prof. Dr. Daniel Buser



DEAR COLLEAGUES

The University of Bern offers since 2001 Master Courses in the field of Implant Dentistry. These courses have been offered with live surgeries and hands-on workshops and became very popular among colleagues from all continents.

The **Master Course in GBR and Sinus Grafting Procedures** has been developed for experienced colleagues in implant surgery. The **Master Course in Esthetic Implant Dentistry** has been offered in close collaboration with **Prof. Dr. Urs Belser** from the University of Geneva for both, surgically and prosthetically oriented colleagues.

It is my pleasure that the University of Bern is now expanding its program of Master Courses. Beginning of January 2010, a third 3-day Master Course in the field of Periodontology will be offered as well, a **Master Course in Regenerative and Esthetic Periodontal Therapy**. The course director of this new course is **Prof. Dr. Anton Sculean**, our new Professor and Chairman of the Department of Periodontology.

This year, the School of Dental Medicine has invested again into the infrastructure of the André Schroeder Auditorium. Now, our live surgeries can be offered with full HD utilizing state-of-the-art digital technology. You will be amazed to see the image quality of presented live surgeries on a wide screen.

It would be our pleasure to welcome you at one of our Master Courses. These courses not only provide high quality lectures and state-of-the-art information, but also an unforgettable evening in the Restaurant Meridiano with a breathtaking view of the Old City of Bern.

Prof. Dr. Daniel Buser



PERIODONTOLOGY

Master Course in Regenerative and Esthetic Periodontal Therapy

An interactive 3-day CE course with Live Surgeries and Hands-on Workshops

Date/Place

January 20 – 22, 2010, 08.30 – 17.00 h

June 23 – 25, 2010, 08.30 – 17.00 h

January 19 – 21, 2011, 08.30 – 17.00 h

School of Dental Medicine, André Schroeder Auditorium, Freiburgstrasse 7, 3010 Bern

Faculty

Prof. Dr. Anton Sculean, Dept. of Periodontology, ZMK Bern, University of Bern

PD Dr. Giovanni Salvi, Dept. of Periodontology, ZMK Bern, University of Bern

PD Dr. Dieter Bosshardt, Robert K. Schenk Laboratory for Oral Histology, ZMK Bern, University of Bern

Dr. Sofia Aroca, Dept. of Periodontology, ZMK Bern, University of Bern

Dr. Christoph Ramseier, Dept. of Periodontology, ZMK Bern, University of Bern

Course objectives

This course addresses general dentists and periodontists who intend to learn more about the use of regenerative and plastic esthetic procedures in Periodontology. A concept based on comprehensive biological research of the last decades is presented. Case presentations and discussions as well as practical exercises and live surgeries help to acquire in-depth knowledge about the use of various surgical techniques aiming to regenerate the lost periodontal structures and/or to achieve predictable coverage of single and multiple recessions. The biological background for the application of biologic active factors, different types of grafting materials, guided tissue regeneration or various combinations thereof will be presented and discussed. Innovative surgical techniques such as the modified coronally advanced tunnel technique with connective tissue grafts and biological active factors aiming to achieve predictable recession coverage and increase in soft tissue thickness will be presented.

Topics

- Welcome, objectives of the course and introduction into the topic of esthetics
- Periodontal wound healing and regeneration
- Rationale for regenerative periodontal therapy
- Classification of periodontal lesions and choice of the optimal treatment approach
- Critical evaluation of biomaterials for regenerative techniques in Periodontology
- Surgical crown lengthening in the esthetic area
- Classification of recession defects and the choice of the optimal treatment approach
- Treatment planning, various surgical procedures step-by-step and presentation of case reports
- Management of complications following regenerative and esthetic periodontal surgery
- Long term results following regenerative periodontal surgery and recession coverage
- Several hands-on workshops on pig jaws for regenerative therapy for intrabony furcation and recession defects
- Live-surgeries in patients for regenerative therapy in anterior and posterior sites and for esthetic periodontal therapy in single and multiple recessions

Course Type

Theoretical and practical course with live surgeries (total of 25 credit hours)

Language: English

Course Fees

CHF 3500

CHF 2000 for post-doc students (only with confirmation of the University)

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Organisation (Announcement send to:)

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Continuing Education, Dept. of Oral Surgery
ZMK University of Bern
Marktgasse 7, 3011 Bern
Phone +41 31 312 4 312, Fax +41 31 312 4 314
caroline.chetelat@zmk.unibe.ch
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Cancellation

Every registration we receive is binding, i.e. for each cancellation we will charge an administrative fee of CHF 300.
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Certificate

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Announcement Master Course in Regenerative and Esthetic Periodontal Therapy

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Date

Signature

IMPLANT DENTISTRY

Master Course in Esthetic Implant Dentistry

An interactive 3-day CE course with Live Surgeries, Live Prosthetics and Hands-on workshops

Date/Place

January 27 – 29, 2010, 08.30 – 17.00 h (almost fully booked)

September 1 – 3, 2010, 08.30 – 17.00 h

January 26 – 28, 2011, 08.30 – 17.00 h

School of Dental Medicine, André Schroeder Auditorium, Freiburgstrasse 7, 3010 Bern

Faculty

Prof. Dr. Daniel Buser, Dept. of Oral Surgery, ZMK Bern, University of Bern

Prof. Dr. Urs C. Belser, Dept. of Crown and Bridge Prosthetics and Occlusion, University of Geneva

PD Dr. Michael Bornstein, Dept. of Oral Surgery, ZMK Bern, University of Bern

PD Dr. Dieter Bosshardt, Robert K. Schenk Laboratory for Oral Histology, ZMK Bern, University of Bern

Prof. Dr. Anton Sculean, Dept. of Periodontology, ZMK Bern, University of Bern

Prof. Dr. Thomas von Arx, Dept. of Oral Surgery, ZMK Bern, University of Bern

Dr. Julia Wittneben, Dept. of Crown- and Bridge Prosthetics, ZMK Bern, University of Bern

Course objectives

Esthetics has become an important issue in implant dentistry in recent years. In the anterior maxilla, the rehabilitation of patients with implant supported restorations is often challenging for involved clinicians due to the high esthetic demand expressed by patients, and a difficult anatomical situation with bone and/or soft tissue deficiencies, which are often present in the anterior maxilla. This interactive 3-day CE course has been established for colleagues experienced in implant dentistry. It will systematically present the treatment concepts for the handling of single tooth gaps or extended edentulous spaces in the anterior maxilla. These concepts have been developed in the past 15 years between the Universities of Bern and Geneva using a team approach. Important aspects of treatment planning, surgical procedures and prosthetic rehabilitation with provisional and definitive restorations will be presented and discussed. The speakers will present the biologic basis for current surgical and prosthetic procedures in various lectures. The different surgical techniques including bone augmentation procedures with the GBR technique will be presented with live surgeries. In addition, two hands-on courses and a live demonstration on prosthetic procedures complement the course. SAC-Classification: Class A+C (advanced and complex)

Topics

- Welcome, objectives of the course and introduction into the topic of esthetics
- Treatment planning principles in the esthetic zone
- Esthetic risk assessment and basic surgical principles in the esthetic zone
- Up-date on biomaterials including implants, barrier membranes and bone fillers
- Implant placement with simultaneous membrane application
- Implants in post-extraction sites: Treatment options and recommendations
- Soft tissue conditioning with provisional restorations
- Definitive restorations with ceramo-metal or full-ceramic crowns or bridges
- GBR procedures in complex situations
- Prosthetic handling of sites with multiple missing teeth
- Esthetic aspects for the rehabilitation of the edentulous maxilla
- Handling of esthetic failures
- Two hands-on workshops

Course Type

Theoretical and practical course with live surgeries and live prosthetics (total of 25 CE credit hours)

Language: English

Course Fees

CHF 3500

CHF 2000 for post-doc students (only with confirmation by the university)

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IMPLANT DENTISTRY

Master Course in GBR and Sinus Grafting Procedures

An interactive 3-day CE course with Live Surgeries

Date/Place

January 13 – 15, 2010, 08.30 – 17.00 h **(almost fully booked)**

June 16 – 18, 2010, 08.30 – 17.00 h

January 12 – 14, 2011, 08.30 – 17.00 h

School of Dental Medicine, André Schroeder Auditorium, Freiburgstrasse 7, 3010 Bern

Faculty

Prof. Dr. Daniel Buser, Dept. of Oral Surgery, ZMK Bern, University of Berne, Switzerland

PD Dr. Michael Bornstein, Dept. of Oral Surgery, ZMK Bern, University of Berne, Switzerland

PD Dr. Dieter Bosshardt, Robert K. Schenk Laboratory for Oral Histology, ZMK Bern, University of Bern

Dr. Vivianne Chappuis, Dept. of Oral Surgery, ZMK Bern, University of Berne, Switzerland

PD Dr. Karl Dula, Dept. of Oral Surgery, ZMK Bern, University of Berne, Switzerland

Prof. Dr. Thomas von Arx, Dept. of Oral Surgery, ZMK Bern, University of Berne, Switzerland

Dr. Julia Wittneben, Dept. of Crown- and Bidge Prosthetics, ZMK Bern, University of Bern

Course objectives

Implant therapy has rapidly expanded in private practice in recent years documented by a continued increase of implant patients every year. This positive development is due to various factors, among them a significant progress with bone augmentation procedures. Today, more than 50% of implants at our department are placed in conjunction with a bone augmentation procedure, using either a simultaneous or a staged approach. Two surgical procedures are mainly used to predictably augment bone deficiencies in the jaws, the GBR technique with barrier membranes or sinus floor elevation (SFE) methods using either the lateral window technique or the transalveolar Osteotome technique. This interactive 3 day CE course has been established for experienced implant surgeons. The speakers will present the biological basis for current surgical procedures in various lectures, the selection of biomaterials, and appropriate healing periods in such demanding. The different surgical techniques will be presented with live surgeries. In addition, two hands-on workshops are offered.

SAC-Classification: Class A+C (advanced and complex)

Topics

- Welcome and current trends in implant surgery
- Pattern of bone healing in defect sites
- Scientific evaluation of barrier membranes
- Scientific evaluation of bone grafts and bone substitutes
- Implants in extraction sockets: The concept of early implant placement
- Implant placement with simultaneous membrane application
- Ridge augmentation with autografts and barrier membranes
- Up-date on computer-assisted implant surgery and flapless procedures
- Sinus floor elevation with the window technique
- Sinus floor elevation with the Osteotome technique
- Live surgeries with GBR and SFE procedures
- 2 hands-on workshops practicing the GBR and the SFE technique

Course Type

Theoretical and practical course with live surgeries (total of 25 CE credit hours)

Language: English

Course Fees

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