UNIVERSITÉ DE LORRAINE | FACULTÉ D'ODONTOLOGIE DE LORRAINE

UNIVERSITY DIPLOMA
IN ORTHODONTICS
FRANCE



3-YEAR POST-GRADUATE DIPLOMA
OPEN TO FOREIGN DENTAL SURGEONS
(OUTSIDE THE EUROPEAN UNION)

CAMPUS BRABOIS SANTÉ - FACULTÉ D'ODONTOLOGIE DE LORRAINE - 7, AVENUE DE LA FORÊT DE HAYE - BP 20199 - 54505 VANDOEUVRE-LÈS-NANCY CEDEX - FRANCE
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OBJECTIVES & STAFF

THIS DIPLOMA ALLOWS FOREIGN DENTAL SURGEONS (OUTSIDE THE EUROPEAN ECONOMIC COMMUNITY) TO ACQUIRE OR DEEPEN THEIR KNOWLEDGE OF ORTHODONTICS: DIAGNOSIS, THERAPEUTIC PLANNING, MASTERY OF ORTHODONTIC DEVICES.

THE COURSES ARE TAUGHT IN FRENCH

HEAD AND DIRECTOR

PR BART VANDE VANNET

DDS, MSc.ORTH, PHD • UNIVERSITY OF LORRAINE / NANCY UNIVERSITY HOSPITAL



FACULTY OF DENTISTRY OF LORRAINE

PERSONAL WORK & IN-CLASS COURSES

THEORETICAL LESSONS
60 ECTS

UE1: COMMUNICATION (3 ECTS)
USING A MEDICAL PROFESSIONAL LANGUAGE TO IMPROVE PATIENT PRACTITIONER RELATIONSHIP.

UE2: HOSPITAL PRACTICE AND PUBLIC HEALTH (3 ECTS)
ORAL PREVENTION : UNDERSTANDING PUBLIC HEALTH POLICY.
QUALITY AND EVALUATION APPROACH : UNDERSTANDING THE FUNCTIONING OF THE HOSPITAL, TO ADOPT A QUALITY APPROACH AND TO EVALUATE ITS PRACTICE.

UE3: CRANIOFACIAL DEVELOPMENT, GROWTH AND FUNCTIONS, THERAPEUTIC APPLICATIONS (5 ECTS)
UNDERSTANDING THE NORMAL AND PATHOLOGICAL CRANIOFACIAL GROWTH AND TO CONTROL THE THERAPEUTIC IMPLICATIONS.

UE4: BIOMECHANICS AND BIOMATERIALS, HISTOPHYSIOLOGY OF DENTAL DISPLACEMENT (5 ECTS)
BONDING PROTOCOLS, MECHANICAL PROPERTIES OF ORTHODONTIC ARCHWIRES, BIOMECHANICS, OPTIMAL FORCE FOR TOOTH MOVEMENT, ...
ACQUIRING THE KNOWLEDGE OF BIOMATERIALS AND BIOMECHANICS IN ORDER TO CONTROL DENTAL MOVEMENT AND THE CELLULAR AND MOLECULAR FACTORS THAT CAN INFLUENCE IT.

UE5: CEPHALOMETRICS AND IMAGING (5 ECTS)
CRANIOFACIAL ANATOMY, TWEED ANALYSIS, THE CVM METHOD, CBCT IMAGING, SASSOUNI, JARABARK, ...
KNOWING THE INDICATIONS OF THE IMAGING TECHNIQUES AND TO MASTER THE INTERPRETATION OF THE RESULTS.

EU6: INTERCEPTION AND PREVENTION (10 ECTS)
TWO-PHASE TREATMENT, FUNCTIONAL APPLIANCES, TREATMENT TIMING, ...
ACQUIRING THE BASES OF DIAGNOSIS AND EARLY TREATMENT, TO KNOW THE CHRONOLOGY OF TREATMENT.

UE7: ORTHODONTIC THERAPEUTICS (20 ECTS)
CLASS I, II AND III MALOCCLUSIONS, OPEN BITE, DEEP BITE, CROSS BITE, TWEED PHILOSOPHY, RICKETTS PHILOSOPHY, BURSTONE'S SEGMENTED ARCH, THE STRAIGHT WIRE APPLIANCE, LINGUAL ORTHODONTICS, ALIGNER THERAPIES, COMPUTER AIDED TREATMENT, RETENTION AND RELAPSE, IATROGENIC EFFECTS OF ORTHODONTIC TREATMENT, SIMULATION AND WIRE BENDING (TYPODONT), ARTIFICIAL INTELLIGENCE IN ORTHODONTICS, ...
KNOWING HOW TO IMPLEMENT TREATMENT OBJECTIVES AND ADAPTED THERAPIES.

UE8: DENTOFACIAL ORTHOPAEDICS AND MULTIDISCIPLINARITY INCLUDING MAXILLOFACIAL SURGERY (10 ECTS)
ORTHOGNATHIC SURGERY, ORTHODONTICS AND PERIODONTOLOGY, ORTHODONTICS AND PROSTHODONTICS, CLEFT LIP AND PALATE, OBSTRUCTIVE SLEEP APNOEA, ...
INTEGRATING DENTOFACIAL ORTHOPAEDICS IN MULTIDISCIPLINARY TREATMENTS, IN PARTICULAR ORTHODONTIC AND SURGICAL PROTOCOLS.

UE9: MASTER DISSERTATION
METHODOLOGY OF SCIENTIFIC RESEARCH AND LITERATURE SELECTION
PREPARATION FOR A DISSERTATION

FACULTY OF DENTISTRY OF LORRAINE
7, AVENUE DE LA FORÊT DE HAYE - 54500 VANDOEUVRE-LÈS-NANCY - FRANCE

PRACTICAL TRAINING & CLINICAL PRACTICE

PRACTICAL TRAINING & HOSPITAL COURSES
120 ECTS

THESE COURSES ARE TAUGHT IN THE FORM OF INTERNSHIPS WITHIN THE ORTHODONTIC DEPARTMENT OF NANCY UNIVERSITY HOSPITAL. CASES WHICH CAN BE SEEN IN THE DEPARTMENT INCLUDE CHILDREN AND ADULTS, AND COVER ALL KIND OF MALOCCLUSIONS.

DURING THE ENTIRE COURSE, CLINICAL PRACTICE IS CARRIED ON PATIENTS, FOR 6 SEMESTERS OF 5 DAYS/WEEK (20 ECTS PER SEMESTER).

CONSTITUTION OF PATIENT FILES (BY EXAMINING THE PATIENT, TAKING IMPRESSIONS, PHOTOGRAPHS, RADIOGRAPHS).

PERFORMING DIAGNOSTICS AND TREATMENT PLANNING.

PERFORMING FULL ORTHODONTIC TREATMENTS ON PATIENTS : BONDING, ACTIVATING, AND DEBONDING FIXED.

APPLIANCES : VESTIBULAR FIXED APPLIANCES AND LINGUAL FIXED APPLIANCES ORTHODONTIC
OF VARIOUS TYPES DEVICES FOR DISTRACTIONS
DESIGN AND MANUFACTURE OF SPECIFIC DEVICES TO ACHIEVE SPECIFIC OBJECTIVES.

MANAGING REMOVABLE AND FUNCTIONAL APPLIANCES REMOVABLE PLATES OF VARIOUS FUNCTIONS, EADGEAR, FUNCTIONAL APPLIANCES (HERBST DEVICES, FACE MASKS, PENDULUM) RESPIRATORY ORTHOSES.

MANAGING ALIGNERS.

MANAGING MULTIDISCIPLINARY TREATMENTS IN CONJUNCTION WITH OTHERS DEPARTMENTS
ORAL SURGERY (EXTRACTIONS, TRACTION OF IMPACTED TEETH), PROSTHODONTICS (FIXED AND REMOVABLE, VENEERS), PERIODONTOLOGY (MUCOGINGIVAL GRAFT, IMPLANTS), CONSERVATIVE DENTISTRY (COMPOSITE BUILD UP, ENDODONTIC TREATMENTS).

PERFORMING TREATMENTS INVOLVING ORTHOGNATHIC AND/OR MAXILLOFACIAL SURGERY.

PERFORMING TREATMENTS WITH ORTHODONTIC MINISCREWS.

MANAGING RETENTION (FIXED AND REMOVABLE RETAINERS).

LEARNING OCCLUSODONTOLOGY AND LABORATORY PROCEDURES.

ORTHODONTIC DEPARTMENT OF NANCY UNIVERSITY HOSPITAL
2, RUE DU DR. HEYDENREICH - 54000 NANCY - FRANCE

KNOWLEDGE CONTROL MODALITIES

THEORETICAL COURSES

VALIDATION OF THEORITICAL COURSES IS SUBJECT TO AN ASSESSMENT OF THE ACQUIRED UNDERSTANDING AND KNOWLEDGE AND PRESENTING A DISSERTATION.

HOSPITAL COURSES

VALIDATION OF THE HOSPITAL COURSE IS SUBJECT TO THE PRESENTATION AND DISCUSSION OF 5 FULLY DOCUMENTED CASES, REPRESENTING DIFFERENT MALOCCLUSIONS AND TREATMENT PROCEDURES, STARTED AND COMPLETED BY THE STUDENT.

TO BE ALLOWED TO CONTINUE TO THE NEXT YEAR, THE STUDENT MUST HAVE ATTENDED THE DIRECTED AND PRACTICAL CLASSES AND PASSED THE WRITTEN TEST AT THE END OF THE YEAR.

AN **ELIMINATORY MARK LESS THAN 7/20** WILL RESULT IN EXCLUSION FROM THE DIPLOMA.

TO BE ADMITTED TO THE DIPLOMA, YOU MUST HAVE ATTENDED THE DIRECTED AND PRACTICAL COURSES AND THE HOSPITAL INTERNSHIPS, AS WELL AS THE END-OF-YEAR EXAMS, AND HAVE OBTAINED AN OVERALL AVERAGE OF 40/80 OR MORE WITHOUT ANY ELIMINATORY MARKS.

THERE IS NO CATCH-UP SESSION.

IN CASE OF FAILURE, IF THE STUDENT HAS AN OVERALL AVERAGE OF LESS THAN 40/80 WITHOUT ANY ELIMINATORY MARK, THE STUDENT IS **AUTHORIZED TO TAKE AN ADDITIONAL REGISTRATION AND ONLY ONE IN THE 3RD YEAR**. THIS REGISTRATION MUST BE TAKEN DURING THE ACADEMIC YEAR FOLLOWING THE FAILURE.



APPLICATION PROCEDURE

PUBLIC CONCERNED / PREREQUISITE

- FOREIGN DENTAL SURGEONS OUTSIDE THE EUROPEAN ECONOMIC COMMUNITY
- MANDATORY FRENCH B2 LEVEL (OR B1 WITH ADDITIONAL FRENCH COURSES)

DIPLOMA FEES

- TRAINING FEE : 33 000 € / YEAR
- ADMINISTRATIVE FEE : ≈ 250 € / YEAR (ACCORDING TO MINISTERIAL TARIFF)

TO APPLY, SEND

- YOUR RESUME AND A LETTER OF MOTIVATION
- A COPY OF YOUR DENTAL SURGEON DIPLOMA
- A CERTIFICATE OF YOUR FRENCH LEVEL
- ANY OTHER DOCUMENT YOU CONSIDER USEFUL (LETTER OF RECOMMENDATION, CREDENTIALS AND WORKS, ...)

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N° DE DÉCLARATION D'ACTIVITÉ 41 54 03018 54 / N° SIRET 130 015 506 00822