

# Fellowship in Advanced LASER dentistry by: GENOA university

Access To 2 Years Master Degree ( MSc. )

## الزمالة في طب الأسنان بالليزر

جامعة جنوة

مدفلة إلى درجة الماجستير في مداواة وتجميل الأسنان

Bahrain & Italy

ينتهي

التسجيل باكمال

المدد أو في

25 مارس 2015

Registration

Closed On

March 25 th.

2015

البحرين وإيطاليا





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## Why do you need this Program ??

### Objective

The Fellowship Diploma of the University of Genoa, Italy is one-year course of study and examination in the use of lasers as an adjunct to clinical dental surgery and medicine.

Fellowship shall define a level of competence that is consistent with an experienced laser user. The course is designed to provide evidence-based core knowledge in laser use in dentistry and to refine practical skills. Emphasis is placed on the integration of this course into the on-going practice of dentistry for each participant and the future benefit of laser use for dental patients.

The course is composed by four two-day modules. The first three of these meetings shall be held in the Bahrain. The final two - day meeting will be conducted in Genoa University.

Elements of the course are didactic theoretical and applied clinical knowledge of laser use in all aspects of dental surgery and medicine. Additional aspects shall include the practical use of lasers and the compilation of clinical case presentations.

The teaching faculty is selected from members of the Faculty of Medicine, University of Genoa and accredited International specialists in laser dentistry.

Successful completion of the course and examination shall be recognised by the presentation of a certificate.

**This Program is an Access to 2 years Master Program ( MSc.)**



## لماذا انت بحاجة إلى هذا البرنامج ??

دبلوم الزمالة من جامعة جنوة الإيطالية برنامج سنوي ينتهي بإمتحان في علوم الليزر وتطبيقاته بطب الأسنان.

هذا البرنامج يحقق لك مستوى من الكفاءة العالمية والمؤهل العالمي في الليزر. وقد صمم البرنامج بحث يصفّل مهاراتك في إستخدامات الليزر بطريقة أكاديمية علمية ووسع معرفتك على أسس متينة علميا وأكاديميا.

يتألف البرنامج من أربع مراحل:

أول ثلاث مراحل في صقلية البحرين ومدة كل مدة كل مرحلة يومين عطلة نهاية الاسبوع. والمرحلة الأخيرة تكون في إيطاليا في جامعة جنوة مع امتحان.

هذا البرنامج معتمد علميا ويؤدي برنامج الماجستير في جامعة جنوة الإيطالية في تخصص معالجة الأسنان أو الليزر.

**إننا لنصحك بشدة**

**بالإلتحاق بهذا**

**البرنامج الفريد من**

**نوعه في العالم.**

رئيس البرنامج:

البرفسور / ستيفانو

Contact Information

K.S.A. 00966 5808 44487

Bahrain: 00973 3510 8622

Qatar: 00974 3313 9365





## Dates & Places

### Module 1: June 12 th. - 13 th.

- Laser History.
- Low Level Laser.
- Historical aspects of laser development.



### المديول ١ : يونيو ١٢ - ١٣

- تاريخ الليزر في طب الأسنان.
- الليزر منخفض المستوى.
- إجراءات الأمان لليزر.



### Module 2: July 31 st. - Aug 1 th.

- Laser use in oral hard tissue management.
- Laser use in endodontics.



### المديول ٢ : يوليو ٣١ - أغسطس ١

- تطبيقات الليزر في الأنسجة الصلبة.
- تطبيقات الليزر في علاج الجذور والأعصاب.



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**Module 3: Aug 21 th. - 22 th.**

- Laser use in soft tissue, implants, periodontology.
- Laser use in soft tissue management.



**المدىول ٣ : ٢١ - ٢٢ أغسطس**

- استخدام الليزر في الأنسجة الرخوة، زرع الأسنان، اللثة.
- الليزر المستخدمة في إدارة الأنسجة الرخوة.



**Module 4: Oct 2 nd. - 3 rd.**

- Clinical live operations in the Genoa University.



**المدىول ٤ : أكتوبر ٢ - أكتوبر ٣**

- عمليات سريرية على حالات حية في جامعة جنوة.



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## MODULE 1

Bahrain: 12 th. -13 th. June

- Laser History.
- Low Level Laser.
- Historical aspects of laser development.
- Laser photonic energy.
- Historical aspects of laser development.
- Relationship of laser emission to "ordinary" light.
- Production of laser photonic energy by solid-state, gas and semi-conductor- based laser machines.
- Emission modes.
- Laser wavelengths in use in dentistry and an overview of their application.
- Laser-tissue interaction.
- Clinical case design.
- Laser Safety.
- Low-level laser energy use in dentistry.



تصميم الحالات السريرية

استخدام طاقة الليزر منخفض المستوى

في مجال طب الأسنان

ورشة عمل وتطبيق في كل موديول ... Work Shop in each module

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## MODULE 2

Bahrain: July 31 st. - Aug 1 th.

- Laser use in oral hard tissue management.
- Laser use in endodontics.

- Laser use in oral hard tissue management.
- Laser wavelengths and consideration of optimal power parameters relative to absorption phenomena.
- Laser interaction with enamel, dentine, cementum, dental caries.
- Laser interaction with alveolar bone.
- Laser use in endodontics – orthograde and retrograde applications.



● استخدام الليزر في علاج الجذور

● تفاعل الليزر مع العظم السنخي.



ورشة عمل وتطبيق في كل موديول ... Work Shop in each module

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## MODULE 3

Bahrain: Aug 21 th. - 22 th.

- Laser use in soft tissue, implants, periodontology.
- Laser use in soft tissue management.
- Laser use in oral soft tissue management.
- Laser wavelengths and consideration of optimal power parameters relative to absorption phenomena.
- Laser use in the management of non-keratinised or "loose" soft tissue structures – lining mucosa, frenula, ventral tongue.
- Laser use in the management of keratinised or "fixed" soft tissue – gingiva, dorsal tongue.
- Laser use in periodontology – surgical and non-surgical applications.
- Laser use in implantology.



استخدام الليزر في اللثة  
التطبيقات الجراحية وغير الجراحية

استخدام الليزر في زراعة الأسنان

Work Shop in each module ... ورشة عمل وتطبيق في كل موديول

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Genoa

عراقة الماضي



The University of Genoa with a student population of over 35,000 and a Faculty of 1,600. It is one of the largest academic institutions in Italy. The Medical Faculty was founded in the XV century as a College which was located in the medieval area of town. In the thirties, the hospital services were transferred to the San Martino district and now covers over 90,000 sqm of hospital space, laboratories, teaching and sports facilities, libraries and offices.

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## Clinical Live Operations Genoa University

### الرحلة التدريبية إلى إيطاليا " جنوة "

- Integration of lasers into dental practice – clinical and marketing aspects.
- clinical sessions in laser use.
- Presentation of clinical cases.
- LIVE OPERATIONS.
- Multiple-choice examination – Certificate.



تطبيق على حالات حية في حرم الجامعة

عرض الحالات السريرية

ورشة عمل وتطبيق في كل موديول ... Work Shop in each module

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## All Speakers



Dr. Ercole Romagnoli  
(Milan, Italy)



Dr. Jihad Habli  
(Beirut, Lebanon)



Prof. Stefano Benedicenti  
(Genoa, Italy)  
**Course Director**



Dr. Norberto Berna  
(Rome, Italy)



Dr. Islam Mohamed  
El said Kassem



Dr. Alex Mathews

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**Prof. Stefano Benedicenti**  
**(Genoa, Italy)**  
**Course Director**

Professor Benedicenti is Associate Professor in Restorative Dentistry and Endodontics at the University of Genova (Italy).

He is Dean of the laser department center of the University of Genova. Additionally, he is President of the European Master Course in "Laser Dentistry".

He is a Founding member of IAHT (International Academy of High Tech). Professor Benedicenti is an author and co-author of 80 publications in National and International journals and three books in the field of laser dentistry.

Ercole Romagnoli graduated in Dentistry and Dental Prosthesis at the University of Milan. Laser user since 2001, he achieved a postgraduate certificate in Laser dentistry at the University of Florence in 2002.

Certified by ISLD in 2004, he has been professor a.c. at the University of Florence and teacher at the postgraduate courses in Laser dentistry at the Universities of Florence and Siena. Past President of the International Academy for laser assisted Dentistry (AIOLA) he is currently professor a.c. at the University of Genoa and teacher at the Master course in Laser Dentistry at the same University.

Lecturer in courses and congresses, he is member of the Dental committee of the Medical and Dental association of Milan.

He practises in Milan, and is particularly interested in the physical and biological aspects of Laser tissue interaction.



**Dr. Ercole Romagnoli**  
**(Milan, Italy)**

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## Speakers



Dr. Habli has practiced dentistry in his private clinic in Beirut, Lebanon since 1986.

He completed the Scientific Baccalaureate from the International College, Beirut, Lebanon in 1979 and graduated in dentistry in 1985, receiving the Bachelor of Dental Surgery from the University of Bucharest in Romania.

From 2003 he has pursued postgraduate studies within Europe and the USA. His interests and achievements include endodontics, implantology advanced prosthodontics, oral surgery and facial aesthetics, utilising prominent centres and authorities to gain accreditation.

His recent interest has been the integration of lasers within each of his specialities.

Dr. Habli is a member of the Lebanese Dental Association, member of the American Academy of Aesthetic Medicine, Miami USA. He is a member of the Faculty of Medicine, Università Degli Studi Di Genova



**Dr. Jihad Habli**  
**(Beirut, Lebanon)**



**Dr. Norberto Berna**  
**(Rome, Italy)**

Dr. Norberto Berna graduated with first class honours in Medicine and Surgery at Rome University "La Sapienza" in 1986 where he specialized in Odontostomatology. He has been using different laser wavelengths for more than twenty four years.

In 1987 he formed a study group dedicated to LASER applications on dental hard and carried out several researches on histology, microanalysis, scanning electron microscope and micro-radiography on laser effects at different wavelength emissions such as ArF, XeCl, Diode, Nd:YAG, Er,Cr:YSGG, Er:YAG, and CO<sub>2</sub>. Besides, he has authored a number of clinical scientific articles as regard this subjects.

In 2000 Dr. Berna investigated the use of Er,Cr:YSGG on bony tissue; at the same time he achieved the first laser distraction osteogenesis, the first osteotomy maxilla sinus augmentation and crestal split. In May 2003, after he had experimented and placed implants on some patients he registered his method patent, where the use of drill in osteotomy implant is completely replaced by laser light. This method makes sure that the performance during an operation is bound no more by drill geometrical shape, permitting so as to insert oval press fit implants in order to augment the contact surface between bone and implant and improve prosthesis emergency profiles.

Norberto Berna, MD DDS, maintains a private dental practise in his dentist's surgery in Rome using the most advanced and refined technologies such as "Operating Microscope", Laser with several wavelengths and "Cad-Cam system" which include "Simplant implantology Platform", "Cerec AC" and "Cerec Inlab".

He has been delivering lecturers nationally and internationally for many years promoting and introducing his laser surgical techniques all over the world.

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**Dr. Alex Mathews**

Dr. Alex Mathews M. is Professor and Head of the Department in Prosthodontics at P.M.S College of Dental Science and Research. He also is Academic Director for the University of Genova, Italy's training programs in Laser Dentistry in India and Guest Speaker and Honorary Faculty at Datta Meghe University, Wardha, Maharashtra. He is also Former Guest Speaker at the Manipal University, Manipal, for the Advanced Postgraduate Diploma Programme in Laser Dentistry. He is also a Nobel Biocare Fellow in Implantology.

- Specialized in Prosthodontics and passed with Honours from Rajiv Gandhi University of Health Sciences, Bangalore as 2nd Rank holder in 1999
- Nobel Biocare Fellow in Implantology in 2006
- Diplomate of Aachen University, Germany in 2008 with honours and was appointed Formerly as a Speaker on the panel of speakers for the Indian Academy of Laser Dentistry (IALD)
- Course Director for the University Degli Studi, Genova, Italy, Advanced Diploma Programme in Laser Dentistry at the DMIMS (DU) at Wardha, Maharashtra
- National Board of Editors, International Journal of Laser Dentistry
- On the panel of Peer Reviewers for the Journal - Lasers in Medical Sciences
- On the panel of Peer Reviewers for the Journal of Interdisciplinary Dentistry
- Fellow of Pierre Fauchard Academy (PFA)
- Member, Indian Prosthodontic Society (IPS)
- Member, Indian Dental Association (IDA)
- Member, Indian Society of Oral Implantologists (ISOI)



**Dr. Islam Mohamed  
El said Kassem**

- BDS, MSc Oral, MOMS RCPS Glasgow, Oral & Maxillofacial surgery UK
- Consultant Oral & maxillofacial surgery
- International Speaker in Laser Dentistry
- Lecture of oral & maxillofacial surgery in MSA university
- Approved trainer in M-Ortho RCS Ed training
- Lecturer in Future university in M Ortho program
- Trainer in Implant program organized by Canadian academy of Esthetic dentistry

#### Contact Information

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Certificate

## Get Your Master Degree From Genoa University

Once You Completed this fellwship Program,  
You are eligible to have the 2 years master program ( MSC. )  
in Restorative & cosmetic destistry & International ( MSC. )  
in laser dentistry.

For more information, Please Call Us:

**00966 580844487 Or 0097335108622**

ملاحظة: تتوفر تصديق الشهادات من وزارة الخارجية الإيطالية ( برسوم إضافية )

### Account Information

Spain: Master Academy For Professional Training

SPAIN, Valencia - BBVA Bank

IBAN 0182 6526 18 0501553032

**Total Fees: 4900 €**

To be paid in 4 payments

Fees do not includ flights or accommodation

### بيانات الحساب

Bahrain:

Account Name: The Healthy World Company

IBAN: BH02AUBB00010575638001 Ahli United Bank

Country: Bahrain - City: Manama - Swift Code: AUBBBHBM

For Registration NOW



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# Fellowship in Advanced LASER dentistry

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**Family Name** ..... ( Same In The Passport )

**Date Of Birth** .....

**Nationality** .....

**Address** .....

**City** .....

**Postal Code** .....

**P.o.X Or Street** .....

**Mobile Phone** .....

**E-mail** .....

**Working Place** .....

**Telephone** .....

**Fax** .....

## Dental Qualification

**University**

**last Degree**

**Year**

.....

.....

.....

**Signature** .....

**Date** .....

**For Registration NOW**



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## Quality in Dental Education



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UNIVERSITÀ DEGLI STUDI  
DI GENOVA

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