Autologous Onlay Bone Graft Master Class
A one day seminar

Milan | April 13th-14th | 2018
Introduction

About Istituto Stomatologico Italiano

Istituto Stomatologico Italiano was founded in Milan in 1908. Since 2005, it is a non-profit Social Cooperative and has always guaranteed its commitment also to support the most weak patients. The present headquarters, in Via Pace 21 inside the heart of Milan, develop on 11,000 m2 and 9 floors. It is a private institution accredited with the National Healthcare Service, an efficient, functioning and always evolving organization, with 150 physicians graduated in Medicine and Surgery, Dentistry and Dental Prostheses, specialized in Maxillofacial Surgery, Odontostomatology and Orthognathic Surgery. ISI welcomes every year around 30,000 patients, supplying more than 120,000 services.

The Seminar

One day seminar on Autologous Onlay Bone Graft (AOBG), the gold standard for alveolar augmentation, for the purpose of ideal implant placement in cases of severe atrophy. How to preserve the esthetic outcome by implementing a variety of surgical procedures for the reconstruction of atrophic jaws.

The seminar will also focus on surgical methods of horizontal and/or vertical intraoral Autologous Onlay Bone Grafts (AOBG) in combination with the following Biomaterials:
(1) Bone substitutes (xenografts) and (2) Platelets Rich Plasma (PRP) and/or (3) bone marrow-derived mesenchymal stem cells (BMAC) with (4) the use of Platelets Poor Plasma (PPP) as biological membrane.
**Lecturers**

**DEVORAH SCHWARTZ-ARAD  DMD PHD**

A specialist in Oral and Maxillofacial Surgery (OMS), Ph.D. degree in cancer research, anatomy and embryology. Graduated from the Faculty of Dental Medicine of the Hebrew University and was a senior lecturer in the Department of Oral and Maxillofacial Surgery at the School of Dental Medicine, Tel Aviv University until 2008. Since 2016 Dr. Schwartz-Arad is a Research Professor of the "Pharmacological Research in Dentistry Group" at the Faculty of Dentistry, State University of Granada (Spain) and Visiting Professor, UCAM, Universidad Catolica De Murcia, Murcia, Spain.

Dr. Schwartz- Arad is the author of 78 research papers focusing on immediate dental implantation, bone augmentation procedures for dental implants, the influence of smoking on the success of dental implants.

Dr. Schwartz-Arad presented more than 100 papers in scientific meetings and she is a renowned national and international lecturer. She is the author and editor of the books "Ridge preservation & immediate implantation" and "Esthetics in Dentistry" published by Quintessence. Dr. Schwartz-Arad is the Founder and President of "Conflict and Dialogue" study club and she is heading the Schwartz-Arad Continuing Education center. Dr. Schwartz-Arad is the owner and senior OMS of Schwartz-Arad Day-Care Surgical Center.

**ROBERTO ROSSI  DDS, M.SC.D. IN PERIODONTOLOGY**

Dr. Roberto Rossi graduated in Dentistry (DDS) at the University of Genoa in 1987, after 2 years in private practice he started his career as a Periodontist at Boston University where he completed his program of specialization in 1991. In 1992 he received his Master of Science in Periodontology with a research that was later published on the Journal of Periodontology.

He returned to Italy in 1992 where he established his practice limited to Periodontology and Implant dentistry. Since then he has been professor in different Italian and foreign Universities. He is author and co-author of papers published on peer- reviewed papers, and lecturer on topics related to guided tissue regeneration, periodontal plastic surgery and esthetics on teeth and implants.
Images by Dr. Devorah Schwartz-Arad

Mesenchymal stem cells (BMAC) with the use of Platelet Poor Plasma (PPP) as biological membrane. Bone substitutes (xenografts) and Platelet Rich Plasma (PRP) and/or Bone Marrow-Derived Bone Grafts (AOBG) in combination with the following Biomaterials: reconstruction of atrophic jaws. How to preserve the esthetic outcome by implementing a variety of surgical procedures for the augmentation, for the purpose of ideal implant placement in cases of severe atrophy. One day seminar on Autologous Onlay Bone Graft (AOBG), the gold standard for alveolar

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Prof. Piattelli has coauthored more than 770 papers in international peer-reviewed Journals; most of these papers have dealt with Implant Dentistry and Biomaterials. Prof. Piattelli has more that 15,000 citations in SCOPUS and more than 25,000 in GoogleScholar. Prof. Piattelli H Index in SCOPUS is 60, and 75 in GoogleScholar. Prof. Piattelli has received an Honorary Degree (Laurea Honoris Causa) in November 2015 from the University of Valencia, in Spain, and in October 2016 from the Universidad Catolica de San Antonio de Murcia (UCAM), Murcia, in Spain. In June 2016 he received in Seoul (ROK) the 2016 Distinguished Scientist Award for Implant and Prosthodontics from the International Association for Dental Research (IADR), the largest scientific society of research in Dentistry.

Prof. Piattelli is a world-renowned international speaker. A recent paper found him the most productive author in Implantology in the years 2009-2013. Prof. Piattelli has coauthored more that 10 chapters in international books, and at the end of 2016, he was the Editor of a book on the Bone response to dental materials, published by WoodHead Publishing, an imprint of Elsevier. Prof. Piattelli main research interests have been immediate loading, bone response to different biomaterials, bone response in human implants retrieved in several different clinical and anatomic conditions.

ADRIANO PIATTELLI MD, DDS, DRHC, DRHC

Full Professor of Oral Pathology and Medicine, Dental School, University of Chieti-Pescara, Italy. He graduated in Medicine at the Catholic University in Rome in July 1975. He took the Specialty Board of General Surgery at Chieti University in July 1980 and the Specialty Board of Dentistry at Rome “Sapienza” University in 1988. From 1988 Associate Professor and from 1997 Full Professor of Oral Pathology and Medicine in the Dental School of the University of Chieti-Pescara, in Italy. From 1997 to 2009 he was Dean and Director of Studies and Research, Dental School, University of Chieti-Pescara, Italy. Since 1990 he is a Consultant for the Italian National Health Service. In the years 1995-1999 he was Honorary Senior Lecturer at the Eastman Dental Institute in London, UK. In the years 2003-2005 he was President of the Italian Society of Osseointegration (S.I.O.).


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Program and timetable

April 13th, 2018

13:45 – 14:00  Prof. Andrea Edoardo Bianchi  Welcome and introduction to the Speakers

Part I

14:00 – 14:45  Prof. Adriano Piattelli  Introduction
   a | Biology of the bone & physiology of the implant bone site
   b | Techniques to study the bone
   c | Different Biomaterials in bone regeneration techniques

14:45 – 15:30  Dr. Devorah Schwartz-Arad  Theoretical review of the concept and benefits of Autologous Onlay Bone Graft (AOBG) augmentation
   a | Properties of various types of bone graft sources
   b | Bone block graft definitions

15:30 – 16:15  Dr. Devorah Schwartz-Arad  Patient examination: diagnosis, treatment planning
   a | The “reverse engineering” concept
   b | Optional donor sites
   c | Resorption / graft survival

16:15 – 16:45  Coffee break

Part II

16:45 – 18:30  Dr. Devorah Schwartz-Arad  Risk Factors
  Surgical techniques of bone harvesting: symphysis vs. ramus, indication and contraindications
  Bone Augmentation surgical technique
  Soft tissue management

18:30 – 19:30  Dr. Roberto Rossi  Ridge recontruction with the Cortical Lamina technique

April 14th, 2018

Part III

09:00 – 10:00  Dr. Devorah Schwartz-Arad  Mandibular atrophy
   a | Surgical treatment options
   b | The multi-tier technique for vertical augmentation
   c | The use of xenograft saturated with PRP/BMA and PPP and the reuse of donor sites

10:00 – 11:00  Dr. Devorah Schwartz-Arad  Complications and implant failure

11:00 – 11:30  Coffee break

Part IV

11:30 – 12:00  Dr. Devorah Schwartz-Arad  Maxillary atrophy: combination of surgical techniques
   a | The anterior maxilla
   b | The edentulous maxilla

12:00 – 12:30  Dr. Devorah Schwartz-Arad  Complications and implant failure

12:30 – 13:00  Dr. Devorah Schwartz-Arad  Questions & Answers and discussion
  Prof. Adriano Piattelli

13:00 – 14:00  Lunch at ISI cafeteria

Event language  The official event language will be exclusively English.
Information and contacts

Date
Friday 13th April 2018, 13:45 - 19:30
Saturday 14th April 2018, 09:00 - 13:00

Venue
Istituto Stomatologico Italiano
Via Pace 21 | 20122 MILANO | www.isimilano.eu

Registration
Registration fee includes all lectures and Friday dinner
Registrations fee € 1000 (VAT included)

Cancellations
50% reimbursement before January 31st, 2018
No reimbursement after January 31st, 2018

Course management office
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Recommended Hotels

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How to arrive to Istituto Stomatologico Italiano

Airport Milan Malpensa | Shuttle train to Milan Central Station | Metro or taxi
Airport Milan Linate | Shuttle bus to Milan Central Station | Metro or taxi
Airport Bergamo Orio al Serio | Shuttle bus to Milan Central Station | Metro or taxi
Metro: Linea 3 (MM yellow- Crocetta station) | Tram: 9-16-24 | Bus: 77- 84