

Computer Aided Implantology Academy
CAI



Azienda
Ospedaliero
Universitaria
Careggi

Endorsed by

SIdC
SOCIETÀ ITALIANA DI CHIRURGIA
ODONTOSTOMATOLOGICA



November 25-26, 2022

CONGRESS SITE

Auditorium CTO - Careggi Hospital - Florence, Italy

INTERNATIONAL MEETING OF COMPUTER AIDED IMPLANTOLOGY ACADEMY

XV ANNUAL MEETING

PRESIDENTS

Franco Amunni, *Florence (IT)*
Panagiotis Diamantopoulos, *Athens (GR)*
Marco Duvina, *Florence (IT)*
Marco Rinaldi, *Bologna (IT)*
Paolo Tonelli, *Florence (IT)*
Raffaele Vinci, *Milan (IT)*

PROGRAM



INTERNATIONAL MEETING OF COMPUTER AIDED IMPLANTOLOGY ACADEMY

Friday November 25, 2022

- 08.00 Registration of participants
08.30 Welcome, Introduction and Greetings from the Authorities

Session 1: Rehabilitation of the Atrophic Maxilla: Evolution of the surgical techniques and new perspectives

Chairs: Silvio Bonanni, Panagiotis Diamantopoulos, Paolo Tonelli, Francesco Valente

- 09.00 General considerations on the surgical techniques in the treatment of the atrophic maxilla
Marco Rinaldi (I)

Session 1A: Rehabilitation of the Atrophic Maxilla: Zygomatic Implants

Chairs: Silvio Bonanni, Panagiotis Diamantopoulos, Paolo Tonelli, Francesco Valente

- 09.25 The ZAGA Concept for Decision Taking on the Zygomatic Osteotomy
Carlos Aparicio (E)
- 09.50 New horizons in zygomatic implantology
Francesco Grecchi (I), Roberto Giuseppe D'Ambrogio (I)
- 10.15 Graftless solutions for atrophic maxilla: zygomatic implants and piezoelectric approach
Andrea Tedesco (I)
- 10.40 *Coffee Break*

Session 1B: Rehabilitation of the Atrophic Maxilla: Alternative Techniques

Chairs: Valerio Fancelli, Robert Pauley, Paolo Pera

- 11.10 AMSJI (Additively Manufactured Subperiosteal Jaw Implant) 3.0
Maurice Y Mommaerts (B)
- 11.35 3D printing custom made implants as an alternative treatment for the rehabilitation of the atrophic jaws
Vladimir Garcia Lozada (E)
- 12.00 Treating very extreme atrophied maxilla with extra short implants without augmentation - why do they work?
Rolf Ewers (A)

Session 2: Rehabilitation of the Atrophic Mandible

Chairs: Carlo Baldi, Antonio Barone, Michele Manacorda, Luigi Rubino

- 12.25 Lateralization of the mandibular nerve
Raffaele Vinci (I)
- 12.50 Short implants supporting a fixed prosthesis in mandibles with extreme atrophy
Mauro Marincola (I)
- 13.15 The horizontal atrophies approach: treatment simplification with an innovative implant system
Salvatore Longoni (I)
- 13.40 Customized subperiosteal titanium implants in the treatment of atrophic mandible
Guido Schioli (I)
- 14.05 *Light Lunch and Workshop*
15.05

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14.05 **WORKSHOP** ROOM A
15.05 Zigomatic Implants: the piezoelectric approach
Andrea Tedesco (IT)



Session 3A: Rehabilitation of the Atrophic Jaws: Edentulous, Post-Oncological, Post-Traumatic

Chairs: Franco Amunni, Sandro Fabbro, Philippe Tardieu, Andrea Tori

- 15.05** The Malo protocols for edentulous Jaws
Paulo Malo (PT)
- 15.30** Post-Oncological and Post-Traumatic reconstruction
Kurt Alexander Schicho (A)
- 15.55** Cad-cam assisted full facial reconstruction and rehabilitation
Giuseppe Spinelli (I), Marco Conti (I)
- 16.20** Coffee Break
(*The Scientific Commission will evaluate the posters during the coffee break)

Session 3B: Rehabilitation of the Atrophic Jaws: Edentulous, Post-Oncological, Post-Traumatic

Chairs: Yilmaz Burak, Giovanni Duvina, Prashant Jau, Luca Lillo

- 16.50** Applications of Digital Dentistry in Oral and Maxillofacial Implantology for the treatment of the atrophic jaw
Cemal Ucer (UK)
- 17.15** The evolution of computer aided reconstruction
Michele Jacotti (I)

- 17.40** Hard and Soft tissue management of atrophic ridges. Computer guided bone regeneration: clinical and scientific evidences
Silvio Meloni (I)
- 18.05** CAI Academy General Assembly

Saturday November 26, 2022

Session 4: Surgical Anatomy of the atrophic Jaws and diagnostic tools with digital engineering

Chairs: Marco Duvina, Francesco Piras, Gian Luigi Telara, George Zorogiannidis

- 09.00** Surgical Anatomy of the Atrophic Jaws
Michele Manacorda (I), Raffaele Vinci (I)
- 09.25** Integrating Modern Diagnostic Tools with Digital Engineering
Panos Diamantopoulos (GR)
- 09.50** Art and science of computer guided implantology: the history of computer guided surgery
Philippe Tardieu (UEA)
- 10.15** Surgical Planning Software and Computer Guided Implantology
Scott D Ganz (USA)
- 10.40** Coffee Break
(*The Scientific Commission will evaluate the posters during the coffee break)
- 11.00** Florentiae Rubrum Lilium Prize
12.00
13.00 Light Lunch and Workshop



INTERNATIONAL MEETING OF COMPUTER AIDED IMPLANTOLOGY ACADEMY

Saturday November 26, 2022

Session 5: Advanced Techniques and Technologies for the treatment of the edentulous jaws

Chairs: Davide Raddi, Robert Roy, Furio Ruggeri

- 13.00** A predictable digital dentistry approach for Navigated full arch immediate provisional
Robert Pauley (US)
- 13.25** Dynamic Navigation System for the rehabilitation of the Atrophic Jaws
Luigi Stefanelli (I)
- 13.50** Robotic assisted implant surgery a paradigm shift
Uday Reebye (US)

Session 6: Special Technique and New Tools

Chairs: Vanni Balestri, Silvio Meloni, Diletta Minardi, Guido Schioli

- 14.15** Full arch rehabilitation cases using guided dental implantology & immediate loading protocols
Ahmed Abou Foul (UEA)
- 14.40** Bio-technical approach to immediate loading, technique, technologies, biomaterials
Riccardo Ciolli (I), Nazzareno Cappelli (I)
- 15.05** How to maximise patient's residual hard and soft tissues
Stefano Granata (I)
- 15.30** Artificial intelligence in dentistry - A game changer
Prashant P Jaju (IN)

Session 7: Clinical Cases

Chairs: Maurizio Grieco, Michele Jacotti, Ester Parisi, Marco Rinaldi

- 15.55** Solving malpractice with skeletal teeth prosthesis and guided surgery: case report
Sandro Fabbro (I)
 - 16.10** Application of intra oral scanner in guided surgery: a clinical case
Arturo D'Arienzo (I)
 - 16.25** Full arch rehabilitation using guided implantology, zirconia implants and immediate loading
Gernot Obermair (I)
 - 16.40** Maxillary bone atrophy and immediate loading of the dental implants
Alessandro Palumbo (I)
- Presentation of the winning posters and "Matteo Danza Award"**
- 16.55** Winners posters XV International Meeting CAI Academy
 - 17.10** Winner Poster "Matteo Danza Award"
 - 17.25** Discussion and Take Home Messages

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Invited Speakers

Carlos Aparicio, *Spain*
Nazzeno Cappelli, *Italy*
Ucer Cemal, *United Kingdom*
Riccardo Ciolli, *Italy*
Marco Conti, *Italy*
Roberto Giuseppe D'Ambrogio, *Italy*
Arturo D'Arienzo, *Italy*
Panagiotis Diamantopoulos, *Greece*
Rolf Ewers, *Austria*
Sandro Fabbro, *Italy*
Abou Ahmed Foul, *United Arab Emirates*
Scott Ganz, *Usa*
Vladimir Garcia Lozada, *Spain*
Stefano Granata, *Italy*
Francesco Grecchi, *Italy*
Michele Jacotti, *Italy*
Salvatore Longoni, *Italy*
Paulo Malo, *Portugal*
Michele Manacorda, *Italy*
Mauro Marincola, *Italy*
Silvio Meloni, *Italy*
Maurice Mommaerts, *Belgium*
Gernot Obermair, *Italy*
Alessandro Palumbo, *Italy*
Robert Pauley, *Usa*
Prakash Jaju Prashant, *India*
Uday Reebye, *Usa*
Marco Rinaldi, *Italy*
Kurt Alexander Schicho, *Austria*
Guido Schiroli, *Italy*
Giuseppe Spinelli, *Italy*
Luigi Stefanelli, *Italy*
Philippe Tardieu, *United Arab Emirates*
Andrea Tedesco, *Italy*
Raffaele Vinci, *Italy*

Chairs

Franco Amunni, *Italy*
Carlo Baldi, *Italy*
Vanni Balestri, *Italy*
Antonio Barone, *Italy*
Silvio Bonanni, *Italy*
Yilmaz Burak, *Switzerland*
Panagiotis Diamantopoulos, *Greece*
Giovanni Duvina, *Italy*
Marco Duvina, *Italy*
Sandro Fabbro, *Italy*
Valerio Fancelli, *Italy*
Maurizio Grieco, *Italy*
Luca Lillo, *Italy*
Michele Manacorda, *Italy*
Diletta Minardi, *Italy*
Ester Parisi, *Italy*
Robert Pauley, *Usa*
Paolo Pera, *Italy*
Francesco Piras, *Italy*
Prakash Jaju Prashant, *India*
Davide Raddi, *Italy*
Marco Rinaldi, *Italy*
Robert Roy, *Italy*
Luigi Rubino, *Italy*
Furio Ruggeri, *Italy*
Guido Schiroli, *Italy*
Philippe Tardieu, *United Arab Emirates*
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General Information

REGISTRATION

The Registration is free. Registration can be made by completing the Registration Form and forwarding it to the Organizing Secretariat by e-mail at info@adbcongressi.it.

For online registration please follow this link
https://www.adbcongressi.it/CAI_Academy_2022.aspx

Registration for the Congress must be forwarded within November 12, 2022 after this date only on site registration will be accepted.

CONGRESS SITE

Auditorium CTO Careggi Hospital

Largo Piero Palagi 1
50139 Florence (Italy)

CME ACCREDITATION

The Meeting has been assigned n. 11,2 Italian CME credits for Dentist, Physicians (Maxillofacial surgery, Radiology), Nurses, Radiology technicians, Dental hygienists.

The CME accreditation is valid for the Clinical program only and it does not cover the Workshop.

Training objective: Technical-professional content (knowledge and skills) specific to each profession

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CME PROVIDER

GVM CAMPUS SRL (6028)

The Provider will send CME certificates to the participants after the Congress .

POSTER SESSION - CALL FOR ABSTRACTS

The Meeting welcomes the submission of abstracts of original contributions to the field.

To submit an abstract, please request the Abstract Form to info@adbcongressi.it or visit this link

https://www.adbcongressi.it/evento_1058_adbcongressiedeventi and follow the instructions for Authors.

The abstract must be saved with the name of the Presenting Author. Please note that at least the First Author should be duly registered in the Meeting.

OFFICIAL LANGUAGE

Italian and English are the official languages of the Congress. Simultaneous translation will be provided.

ATTENDANCE CERTIFICATES

Attendance certificates will be made out upon request to all participants at the end of the Congress

CONGRESS SECRETARIAT



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