



International  
Piezoelectric Surgery  
Academy

4<sup>o</sup>

International  
Symposium

**STATE OF THE ART AND  
NEW PERSPECTIVES IN  
BONE AND IMPLANT  
SURGERY**

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October 4-5, 2019

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Enterprise Hotel  
Corso Sempione, 91  
Milano

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# International Piezoelectric Surgery Academy

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## Welcome Letter

Dear Colleagues and Friends,

it is my great pleasure to invite you to join us at the 4° International Symposium “State of the art and new perspectives in bone and implant surgery”, organized by the International Piezoelectric Surgery Academy in Milano (Italy) from 4 to 5 October 2019. IPA is a non-profit independent scientific society, whose mission is to improve knowledge in bone and implant surgery by conducting basic research and clinical studies. In the last three years, the Academy worked specifically on aspects related to marginal bone stability around dental implants, to peri-implant bone regeneration (maxillary sinus floor elevation, ridge expansion, alveolar ridge preservation) and to clinical alternatives in challenging situations for implant placement (trans-sinusal and wedge implants). The presentation of the scientific results of our work, together with the contribution of outstanding invited speakers, make this meeting a unique event for professional development.

See you in Milano!

*Cari colleghi e amici,*

*è con grande piacere che Vi invito a partecipare al 4° Simposio Internazionale “Stato dell’arte e nuove prospettive in chirurgia ossea ed implantologia”, organizzato dall’International Piezoelectric Surgery Academy, che si terrà a Milano il 4 e 5 ottobre 2019. IPA è una società scientifica indipendente no-profit, accreditata presso il Ministero della Salute, che ha come obiettivo quello di migliorare le conoscenze nel campo della chirurgia ossea e dell’implantologia conducendo delle ricerche scientifiche, sia di base che cliniche. Negli ultimi tre anni gli interessi di ricerca dell’Academy si sono focalizzati sulla stabilità dell’osso marginale intorno agli impianti, sulla rigenerazione ossea peri-implantare (rialzo di seno mascellare, espansione di cresta, preservazione alveolare) e sulle alternative terapeutiche in condizioni cliniche sub-ottimali per il posizionamento implantare (impianti trans-sinusali ed impianti a cuneo per creste sottili). La presentazione dei risultati della nostra attività di ricerca scientifica, unitamente al contributo apportato da relatori di fama internazionale, farà sicuramente di questo evento un’occasione di grande interesse per lo sviluppo e la crescita della nostra professione.*

*Ci vediamo a Milano!*



**Claudio Stacchi DDS, MSc**  
*President of the International Piezoelectric Surgery Academy*

08.00 - 08.30 Registration

08.30 - 09.00 Congress Opening

*Lecciones magistrales*

*Chairmen: STEFANO CAROSSA, ROBERTO DI LENARDA*

09.00 - 09.30 TOMAS ALBREKTSSON  
"Challenges in oral implantology."

09.30 - 10.00 TOMASO VERCELLOTTI  
"Good vibrations: twenty years of piezoelectric bone surgery."

Session I

*Implant placement: a key point for therapy success*

*Chairmen: STEFANO CAROSSA, ROBERTO DI LENARDA*

10.00 - 10.30 ANTONIO BARONE  
"State of the art of implant site preparation."

10.30 - 11.00 TERESA LOMBARDI  
"Bone quality evaluation to achieve an optimal implant stability."

11.00 - 11.30 DOMENICO BALDI  
"Clinical applications of ultrasonic implant site preparation."

11.30 - 12.00 **Coffee Break**

## Session II

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Marginal bone preservation around dental implants

*Chairmen: EUGENIO ROMEO, UGO CONSOLO*

- 12.00 - 12.30 PABLO GALINDO MORENO  
"Factors influencing marginal bone loss around implants:  
state of the art."
- 12.30 - 13.00 SIMONE VERARDI  
"Influence of soft tissues on marginal bone stability."
- 13.00 - 13.30 SERGIO SPINATO  
"Bone, implant and prosthesis as influencing factors in  
marginal bone loss."
- 13.30 - 15.00 **Lunch**

## Session III

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Treatment options for horizontal ridge defects

*Chairmen: ALBERTO REBAUDI, GIANMARIO SCHIERANO*

- 15.00 - 15.30 TONINO TRAINI  
"Biological approach to ridge expansion techniques."
- 15.30 - 16.00 ROSARIO SENTINERI  
"Clinical procedures for atrophic ridge expansion."
- 16.00 - 16.30 FRANCESCO OREGLIA  
"A novel implant concept for narrow ridge treatment."
- 16.30 - 17.00 **Coffee Break**

Friday - October 4th, 2019

## Session IV

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Consensus Conference Milan 2019

“Twenty years of piezoelectric bone surgery (PBS)”

*Coordinator: FRANCESCO BASSI*

- 17.00 - 17.10 ROBERTO DI LENARDA  
“PBS in extractive surgery.”
- 17.10 - 17.20 FABIO GALLI  
“PBS in maxillary sinus floor elevation.”
- 17.20 - 17.30 GIANMARIO SCHIERANO  
“PBS in implant site preparation.”
- 17.30 - 18.00 FRANCESCO BASSI – CLAUDIO STACCHI  
“Summary and consensus statements.”
- 19.00 - 21.00 ***Welcome Cocktail***

## Session V

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Ultrasonic osteotomies in oral and maxillofacial surgery

*Chairmen: PAOLO NORDERA, ENZO ROSSI*

- 09.00 - 09.30 JASON MOTTA JONES - FABRIZIO FONTANELLA  
"New perspectives in third molar extraction."
- 09.30 - 10.00 FEDERICO BIGLIOLI  
"Treatment of oral nerve lesions: algorithm and role of piezo surgery."
- 10.00 - 10.30 MARCO MOZZATI  
"Ultrasonic implant site preparation for zygomatic implants."
- 10.30 - 11.00 MASSIMO ROBIONY  
"Advanced technological concepts to improve maxillofacial surgery"
- 11.00 - 11.30 NIGEL SHAUN MATTHEWS  
"Piezoelectric technology: at the cutting edge of TMJ surgical practice"
- 11.30 - 12.00 **Coffee Break**

## Session VI

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Sinus floor elevation: from diagnosis to treatment

*Chairmen: TOMASO VERCELLOTTI, UMBERTO PRATELLA*

- 12.00 - 12.30 TIZIANO TESTORI  
"State of the art of sinus floor elevation."
- 12.30 - 13.00 CLAUDIO STACCHI  
"A decision tree for minimally invasive treatment of atrophic posterior maxilla."
- 13.00 - 13.30 FABIO BERNARDELLO  
"Scientific rationale of biomaterial choice in sinus floor elevation."

## Pre-Congress Workshop

CURRENT GUIDELINES IN PIEZOELECTRIC BONE SURGERY

**Federico Berton DDS, MSc**

**THURSDAY, OCTOBER 3**

This workshop will provide a comprehensive analysis of current evidence for application of piezoelectric bone surgery in oral and maxillofacial fields. The specific characteristics of ultrasonic bone cutting (precision, selective action on hard tissue and improved tissue healing) paved the way for extensive use of this technology in a wide number of clinical procedures (e.g. sinus floor augmentation, ridge expansion, tooth extraction, bone block harvesting, corticotomies).

In the hands-on workshop, all participants will have the opportunity to use the Piezotome Cube and simulate main surgical techniques on animal tissues and synthetic models.



### **Location:**

NETTUNO HALL - ENTERPRISE HOTEL  
CORSO SEMPIONE 91 - 20149 MILANO

### **Program:**

15.00 - 16.30: LECTURE  
16.30 - 17.00: COFFEE BREAK  
17.00 - 18.30: HANDS-ON WORKSHOP

### **Informations:**

[info.it@acteongroup.com](mailto:info.it@acteongroup.com)



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# Committees

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*Massimo Robiony*

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## General Information

### Location

Enterprise Hotel  
Corso Sempione, 91 – 20149 Milano  
+39-02-318181  
info@enterprisehotel.com  
How to reach the congress venue:  
<https://www.enterprisehotel.com/it/location.html>

### Organizing Secretariat

MV Congressi S.p.A.  
via Marchesi, 26/D – 43126 Parma  
+39-0521-290191  
piezosurgery@mvcongressi.it



### Registration Fee

- *The registration fee includes participation in scientific sessions, coffee breaks, lunches and Welcome Cocktail*
- *Registrations will be accepted in order of arrival only*
- *The Organizing Secretariat will not accept additional registrations once the maximum number of participants has been reached*
- *Changes may be made to program and schedule*

### Cancellations and Reimbursement

- *Any cancellation must be received by the Organizing Secretariat by September 4, 2019 (30 days prior to the Symposium)*
- *Should the Symposium not take place due to force majeure, participants will be entitled to reimbursement of the registration fee only*

### Official Languages: English and Italian

- *Simultaneous translation will be provided*

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