The 24th Annual Scientific Meeting

Joint Meeting of the

Egyptian Orthodontic Society

Accademia Italiana di Ortodonzia

Intercontinental City Stars Hotel

Cairo, January 21 & 22, 2010

Guest Speaker:

Dr. Mauro Cozzani

Dr. Cozzani is active member of the Angle Society of Europe, Diplomate of the ABO, of the EBO (Chairman of the Examiners 2009-11) and president of Accademia Italiana di Ortodonzia and former president of the Italian Board of Orthodontics and ASIO (Italian Society of Specialists in Orthodontics), co-editor of Progress in Orthodontics (2004-2007) and Professor a c. at Università di Ferrara Department of Orthodontics.

He has published more than 50 papers in specialized Italian and foreign journals, and has given over 100 speeches, communications and courses in Italy and internationaly.

His research activity focuses on: molecular biology and bone regeneration, while his clinical interest is focused on early treatment, arch form, non compliance appliances, temporary anchorage devices, self-ligating brackets, distraction osteogenesis.

Dr. Cesare Luzi

Dental degree at the University of Rome “La Sapienza”. Postgraduate degree in Orthodontics at the University of Aarhus, Denmark, where he obtained the Speciality in Orthodontics and the Master of Science. Founder and first President of the European Postgraduate Students Orthodontic Society (EPSOS). Active member and delegate of SIDO (Italian Society of Orthodontics). Cultural secretary of SIBOS 2007-2009 (Italian Society of Biomechanics and Segmented Orthodontics). Member of the EOS (European Orthodontic Society) and ASIO (Italian Association of Specialists in Orthodontics).Winner of the Houston Research Award of the European Orthodontic Society (Vienna 2006) and of the First Prize Award for Clinical Research of the Italian Orthodontic Society (SIDO, Florence 2006). Has published several scientific papers on orthodontic topics and participates to continuing education courses and international meetings in orthodontics. Private practice in Rome, Italy, limited to orthodontics.

Program:

Thursday, January 21, 2010

- Morning session: 9:00 – 13:00

Class II treatment, non-compliance methods: Herbst and “Distal Screw”.

M. Cozzani, C. Luzi

- Lunch: 13:00 – 15:00
- Afternoon session: 15:00 – 17:00

Self-ligating brackets myths and reality.

M. Cozzani

- General Assembly of the EOS: 17:30 – 18:30

Friday, January 22, 2010

- Morning session: 9:00 – 12:00

Adult treatment: Mini screw and Esthetics.

M. Cozzani, C. Luzi

- Lunch: 12:00 – 15:00

Registration fees:

Members of the EOS and AIO:	LE 850	(before January 1st, 2010)
Members of the EOS and AIO:	LE 1000	(after January 1st, 2010)
Student members:	LE 750	(before January 1st, 2010)
Student members:	LE 1000	(after January 1st, 2010)
Non Members:	LE 1500	

Registration includes; badge to enter lectures and trade exhibition, portfolio, lunches and coffee breaks.

Hotel accommodation:

Holiday Inn:

Room Type	Rate for Egyptian	Rate for Non- Egyptian
Single Standard Room	755 EGP	145 USD
Double Standard Room	865 EGP	165 USD

Above rates are:

- Inclusive of 25.4% sales taxes & service charge.
- Based on bed & breakfast.
- Complimentary high speed internet access in rooms.

For registration please contact the EOS at:

+203 484 4225 and +2010 148 6086

Abstracts:

Adult treatment and the rational use of skeletal anchorage

Skeletal anchorage has broadly widened the spectrum of modern orthodontics and increased the clinician's possible treatment options, especially when dealing with adult patients with compromised dentitions. These patients, which generally request an inter-disciplinary management of the dentition, often present anatomical lack of teeth usable for anchorage purposes, or need of absolute anchorage as no side effects can be accepted. Rational use of orthodontic mini-screws and interdisciplinary treatment planning will be discussed through a series of adult case presentations.

No-compliance treatment of class II malocclusions with the Herbst appliance

Patient compliance has always been one of the major problems in relation to class II correction in growing patients. The use of headgear, functional appliances or inter-maxillary elastics, although proven to be effective, relies completely on patient collaboration. Although over 100 years old and many times improved and modified, the Herbst appliance is still a state-of-the-art appliance for no-compliance class II treatment with predictable and reliable effects. Recent designs and modifications of the appliance will be discussed through a series of case presentations.

Class II treatment, non-compliance method: "Distal Screw".

The distalisation of the upper molar is an orthodontic procedure that can be utilized in dental Class II: in patients with covered bite and/or flat profile; in the presence of agenesis of the third upper molars; when patients and/or parents refuse the extractive treatment and the operator considers distalisation to be an ethically-acceptable procedure.

The ideal time for the molar's distalisation is, in our opinion, at the end of the second permutation period when the second upper molar hasn't yet erupted within the arch; during this phase it is also possible to exploit the "Lee way space", reducing the need for extractions as well as the treatment time. Among the different methods we prefer the "Distal Jet" since this allows body movement of the element to be distalisated and which can be, at a later stage, utilized as anchorage for completing the retraction of premolars and canines.

All appliances distalisating the molars also generate an anchorage loss which

manifests itself with the premolars' mesialisation and an increase of the overjet. The deployment of micro-screws or, better still, of temporary anchorage devices (TAD) in combination with distalisating appliances could be a suitable system for obviating anchorage loss; therefore TADs were utilized combined with Distal-Jet.

The TADs insertion area is essential and studies on a series of TAC have made it possible to identify the "safe zones" for application of TADs both intra-radicularly as well as on the palate.

The author finally proposes a new appliance called "Distal Screw" specifically developed to use palatal skeletal anchorage. The Distal Screw is constituted by a specifically minis crew designed for palatal insertion and a modified distal jet without premolars arm. In conclusion, the use of "Distal Screws" would allow: distalisating of the molars in a corporeal manner, with loss of minimal or nil anchorage and, therefore, reduction of treatment time; this wouldn't call for dental anchorage, therefore the premolar teeth would be immediately free to distalize following the distalisation of the molars; furthermore, once the distalisation has been completed, in several cases the appliance can be utilized as anchorage to complete the distalisation of premolars and canines.