

Marbella Summary

2nd Annual Invisalign® European Summit – Marbella May 19 – 20, 2006

CLINCHECK: STAGING AND ANCHORAGE CONTROL – Dr. Dirk Wangemann (Germany) and Dr. Bernhard Günther (Austria)

Importance of anchorage control on Invisalign treatments –

Dr. Wangemann and Dr. Guenther talked about the different options which could be used to control anchorage during Invisalign treatment, needed

- during A-P changes / posterior crossbites corrections (interarch elastics)
- during mesialization of molars while retracting anterior teeth (Tip back bends at the molars to require bodily mov. of posterior teeth)
- during extraction space closure (segmented arch wire)

In addition different anchorage situations should be considered:

- reciprocal : equal forces applied to the teeth and arch segments
- reinforced: more teeth in the anchorage segment than in the moving segment
- stationary: tipping bodily movement of one segment against tipping movement in the other

Staging:

- suitable speed (depending on root size, tooth position and bone conditions)
- right amount of anchorage
- enough space for IPR
- avoid collisions
- more predictable tx

Staging control on CC:

- do I see what I expected?
- how many stages for tooth movement?

SURGICAL TREATMENTS – Dr. Marco Tribo (Switzerland) and Dr. Patrice Bergeyron (France)

Dr. Tribo and Dr. Bergeyron presented a series of surgical cases treated with a combination of Invisalign / surgical possibilities.

Dr. Tribo began his discussion covering three key points for successful combination treatments.

- Case selection (what to look for)
- ClinCheck
- Treatment Coordination

Most patients will accept a treatment plan that combines upper Invisalign and lower fixed treatment.

- Once the teeth are aligned, a surgical simulation is performed to visualize the arch coordination.
- On the arch with the most number of Aligners regardless of the clinical simulation desired.
- An extra aligner will be fabricated for one arch to allow this simulation.

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