



EZ SLIDER™

Easy Protraction or Retraction For All TAD Systems

Developed by Dr. Enis Güray

EZ Slider™

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Exclusively from Ortho Technology



The EZ Slider Creates Parallel Forces that Prevent Unwanted Tipping and Rotations While Allowing the Movement of Multiple Teeth



Power Arm



Body

**Self-Locking
Arms**

Click-in Click-out Self-Locking Arm



Click-in Click-out Self-Locking Arm

5

- Easy insertion to the archwire
- Easy force application
- Less chairtime

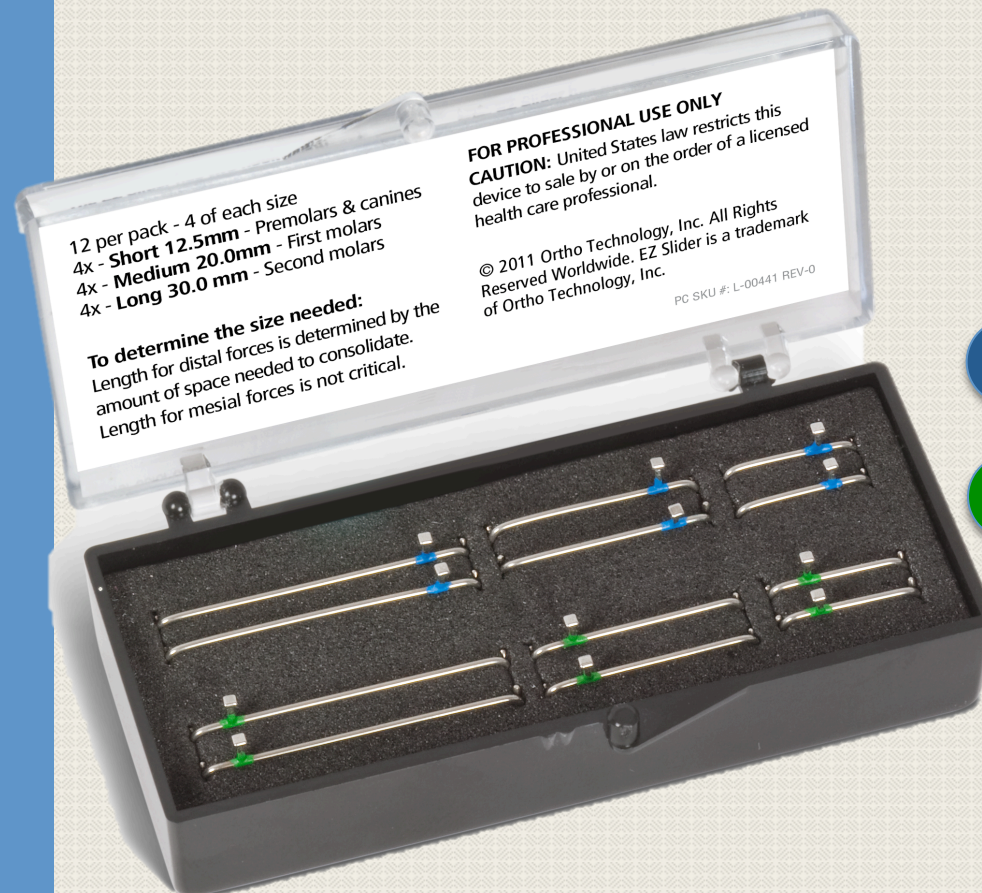


Presented in
a box of
12 sliders.

- 4 long
- 4 medium
- 4 small



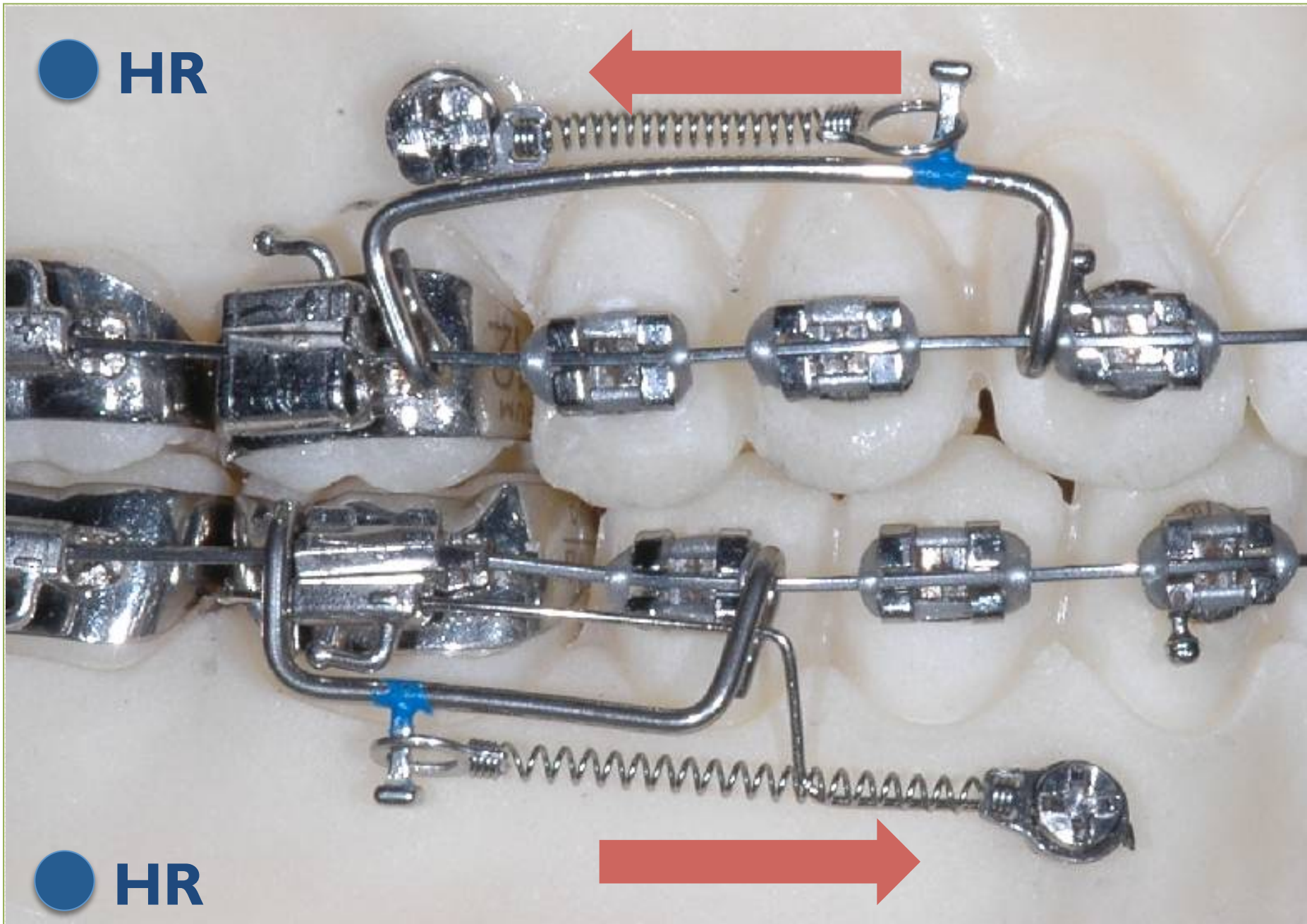
Each EZ Slider
can be used for
distalization
and
mesialization



● Hook On
Right - HR

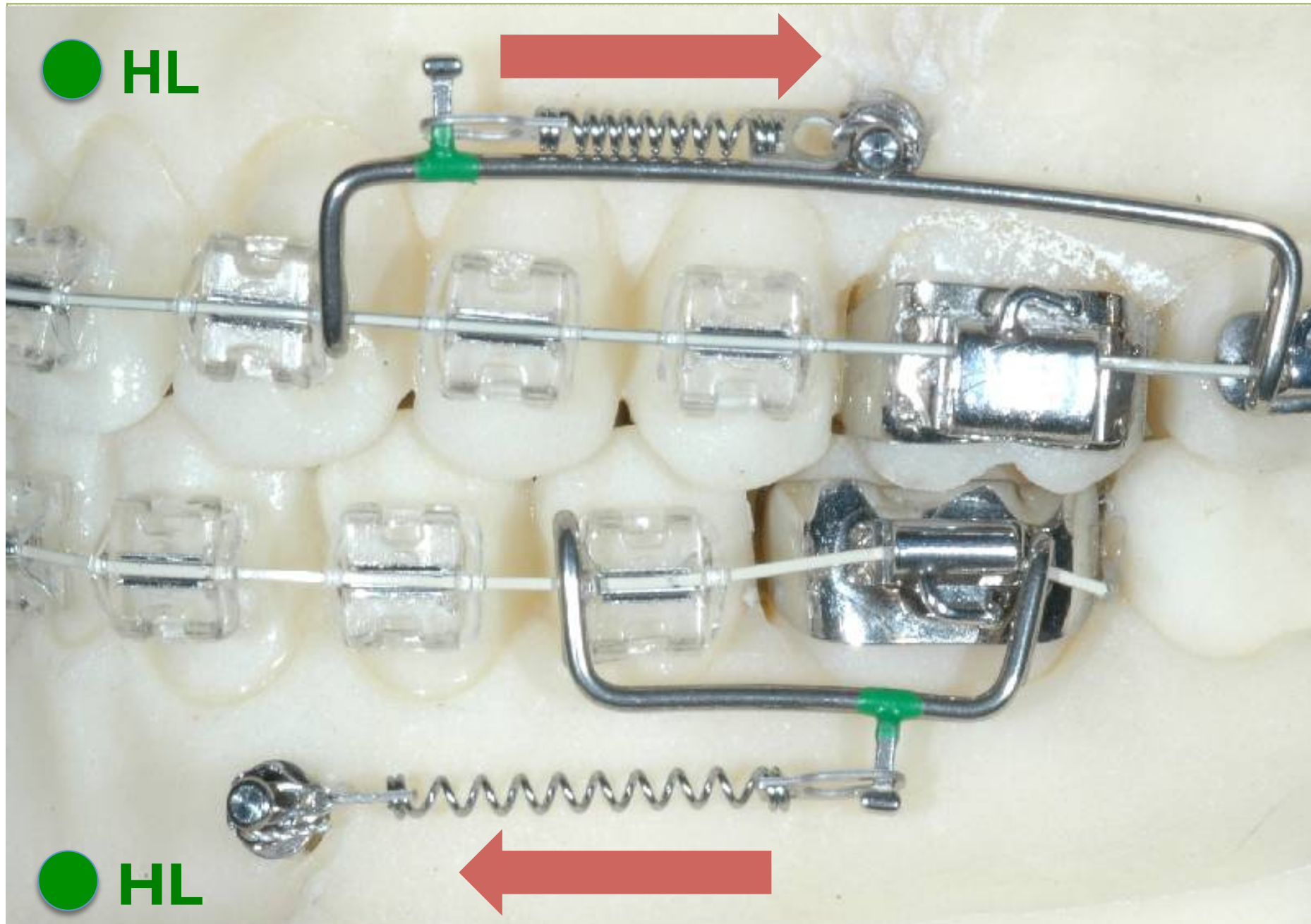
● Hook On
Left - HL

● HR

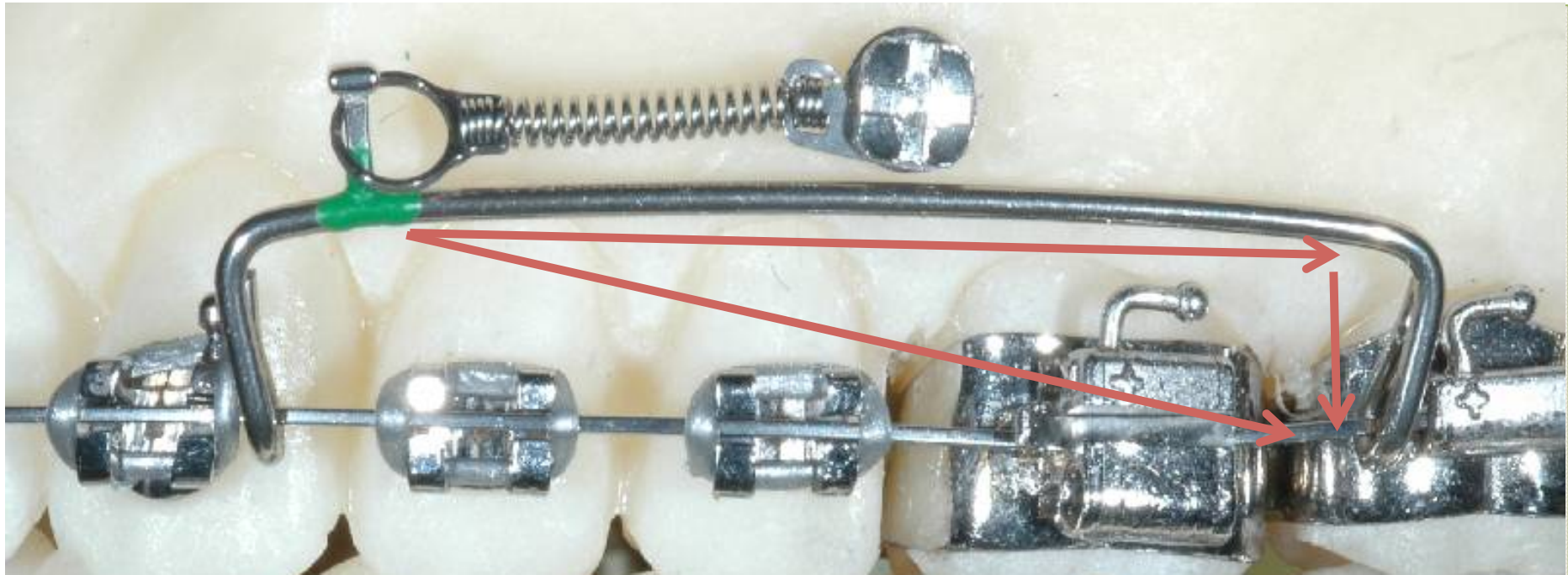


● HR

● HL

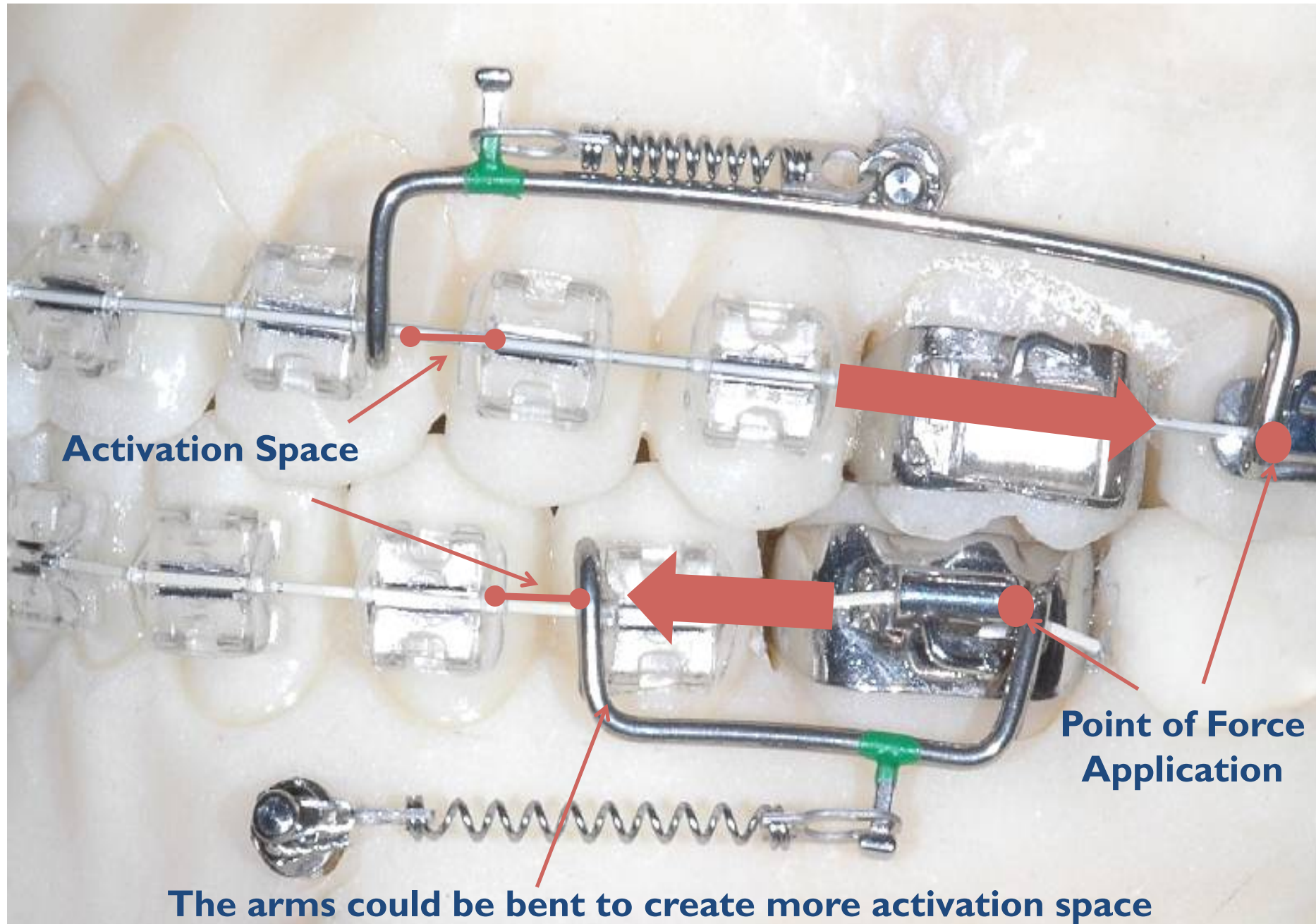


● HL



By using the EZ Slider the application point of the force is brought to the force level to provide more horizontal vector and to prevent side effects.

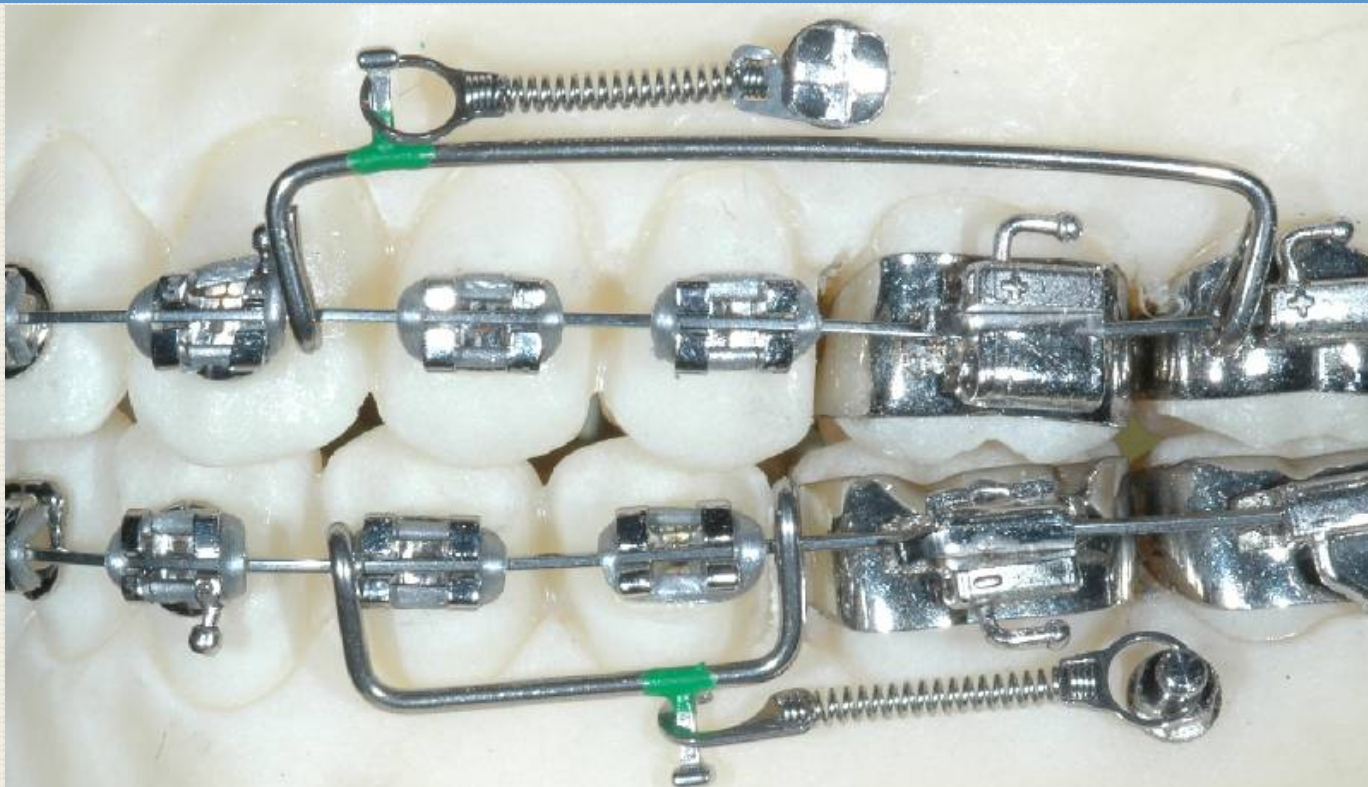
- Important note: TAD should be placed at the level of the power arm to avoid the vertical vector.



Molar Distalization System

12

Consecutive Use of the Long-Medium-Small EZ Sliders

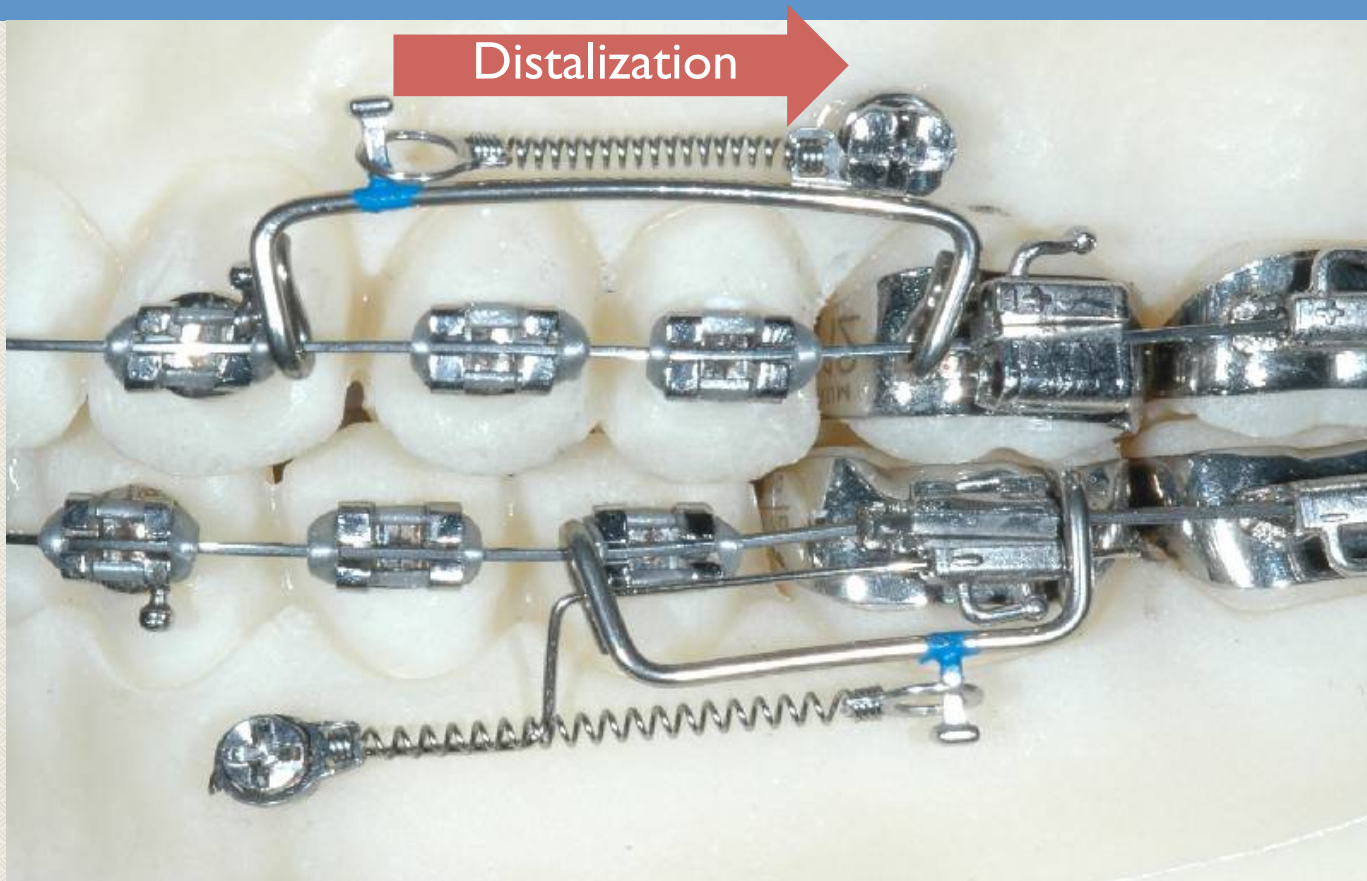


Long (30mm) is used for the Second Molars

Molar System

13

Consecutive Use of the Long-Medium-Small EZ Sliders



Molar Distalization System

14

Consecutive Use of the Long-Medium-Small EZ Sliders



Short (12.5mm **HR) is used for the Premolars and Canines**

Molar Distalization System

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Consecutive Use of the Long-Medium-Small EZ Sliders



Short (12.5mm HL) is used for the Premolars and Canines

Molar Distalization System

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Attention: Small size EZ Sliders could be used “Hook on Right” or “Hook on Left” position to prevent undesired rotational movements



CASE EXAMPLES

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Patient
N.U.







Treatment Plan

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August 2010

26



Right Molars and Canines C12

27



Left Molars and Canines C11

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August 2010 – Application of the Mini Implant and the EZ Slider to UR7

30



October 2010 – 6 Weeks Later

31





October 2010 – Application of the Medium Size EZ Slider to UR6

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December 2010 – 6 Weeks Later

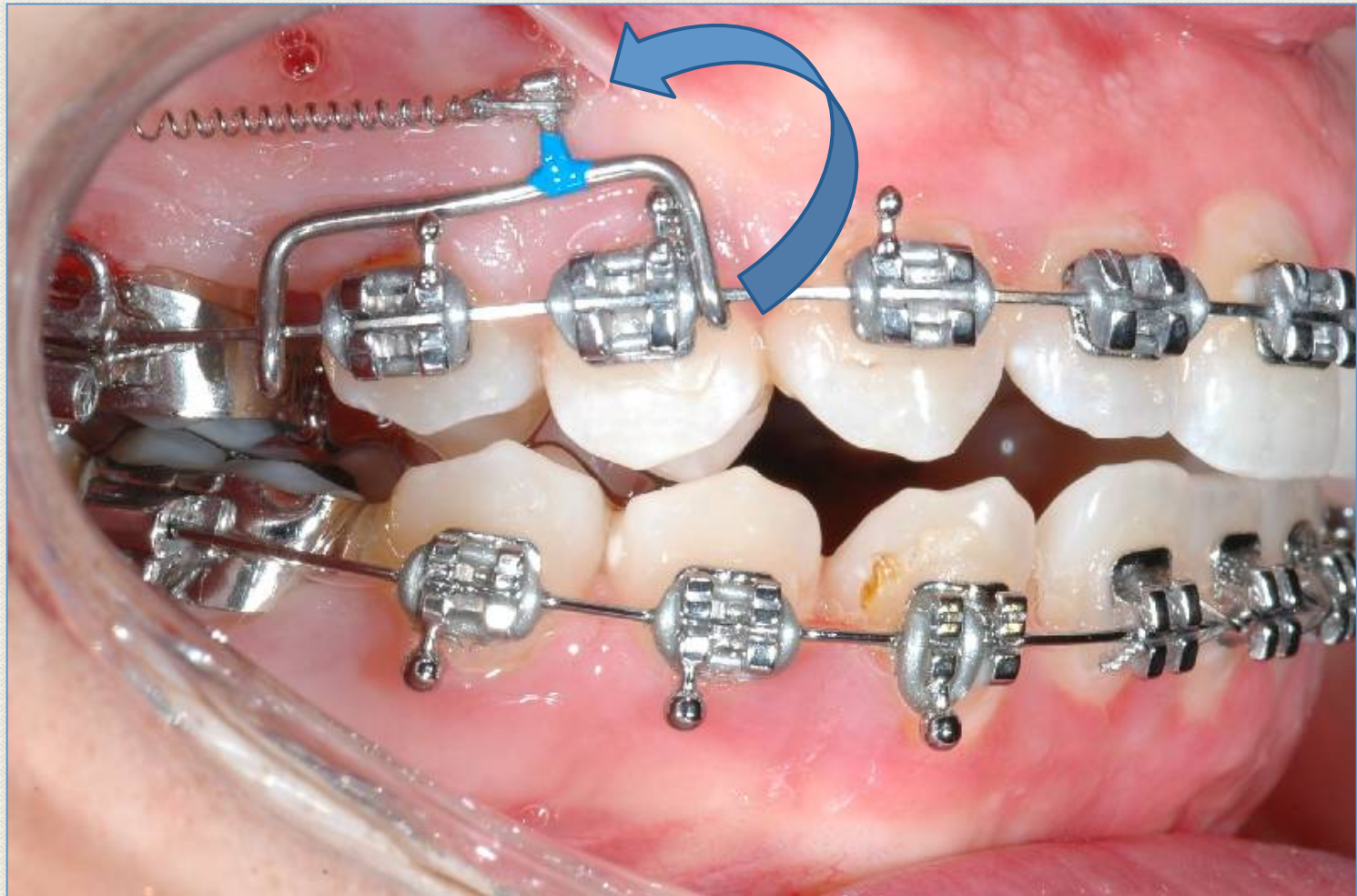
34





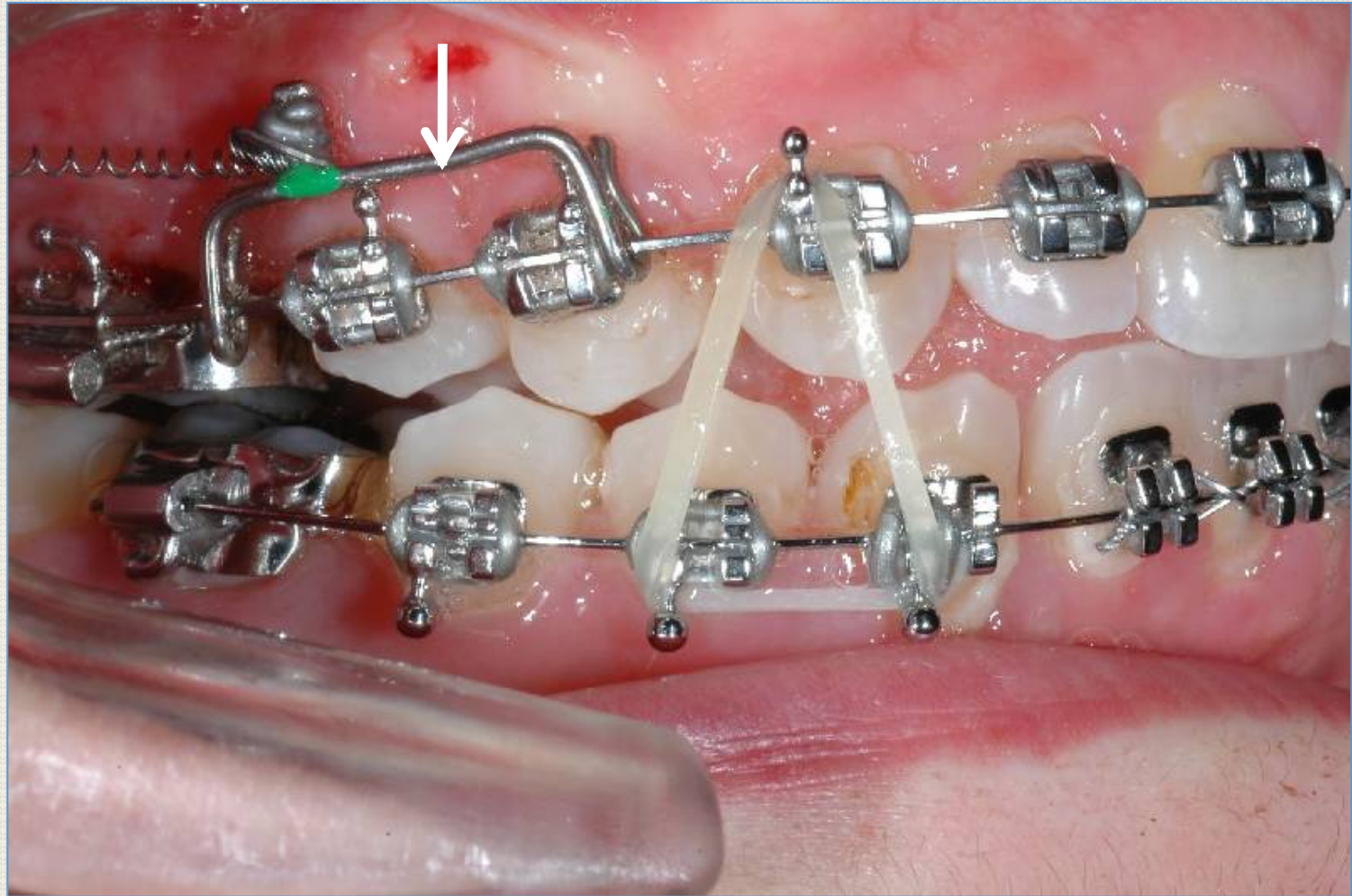
It was noticed that “mesial application point” could rotate this segment to prevent this movement –

36



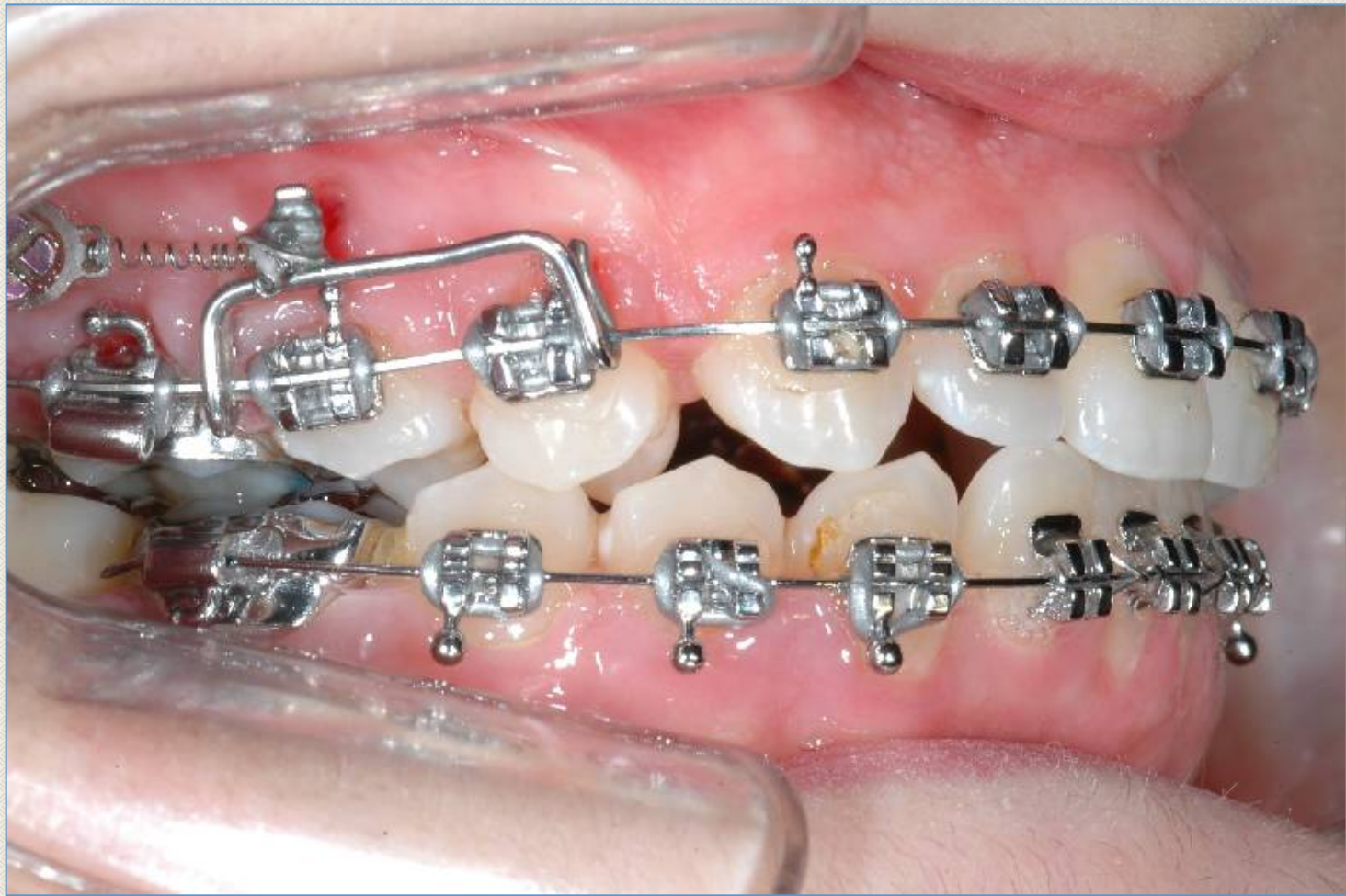
The EZ Slider is replaced with it's opposite (green one) to use a “distal application point”, a “V” bend is done to prevent sliding out of the mesial arm, and a triangular elastic is applied to close the open bite.

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February 2011

38



March 2011

39



March 2011 – Elastic force is applied to
correct the rotation of the UR5

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The EZ Slider is used to distalize UR3

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Patient
T.C.

Dr. Nisa Gül















Treatment Plan

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- Extraction of Tooth #14
- Left Upper Distalization

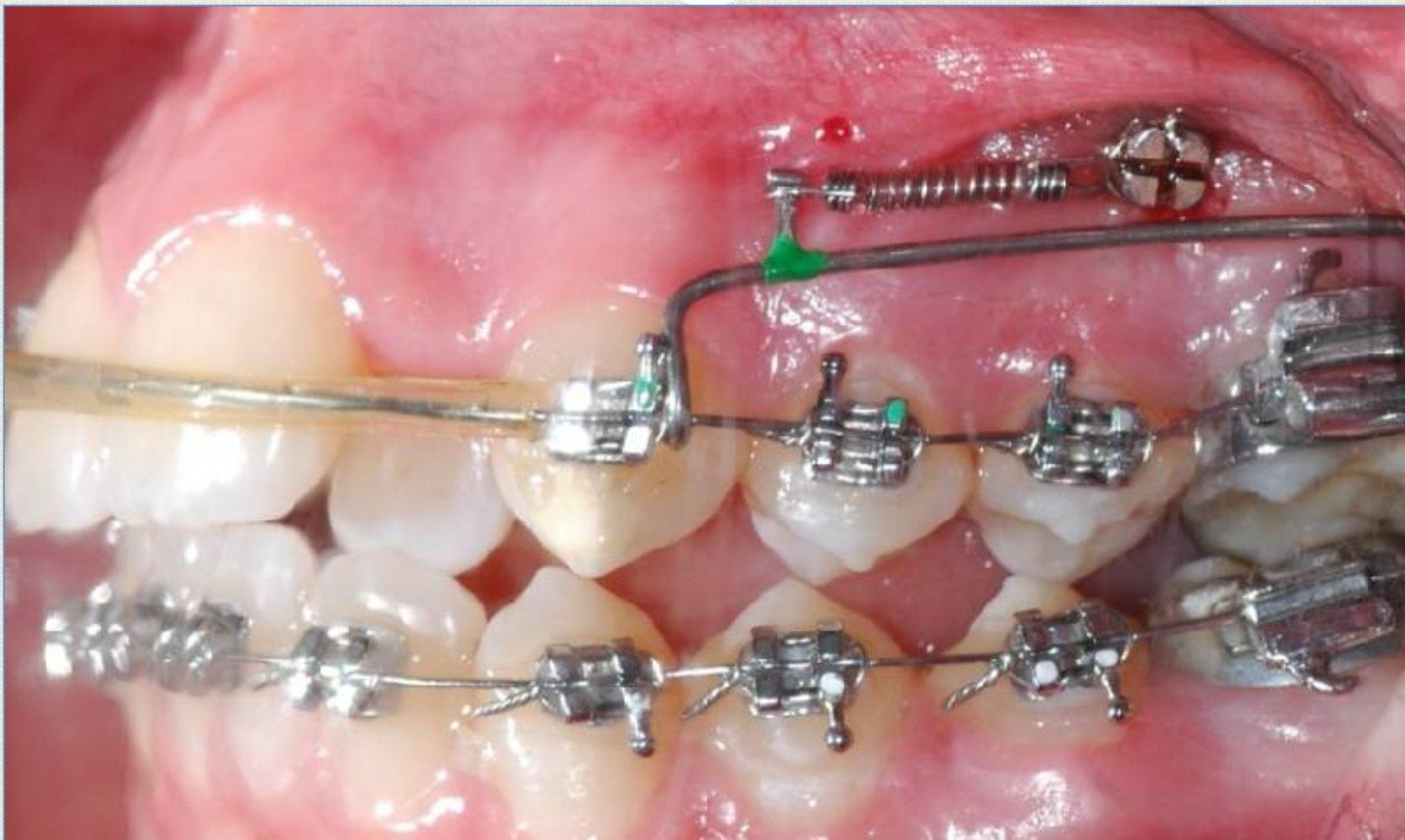
September 1st 2010 – Application of the Mini Implant and the EZ Slider to UL7

50



September 1st 2010 – Application of the EZ Slider to UL7

51



September 1st 2010 – Application of the EZ Slider to UL7

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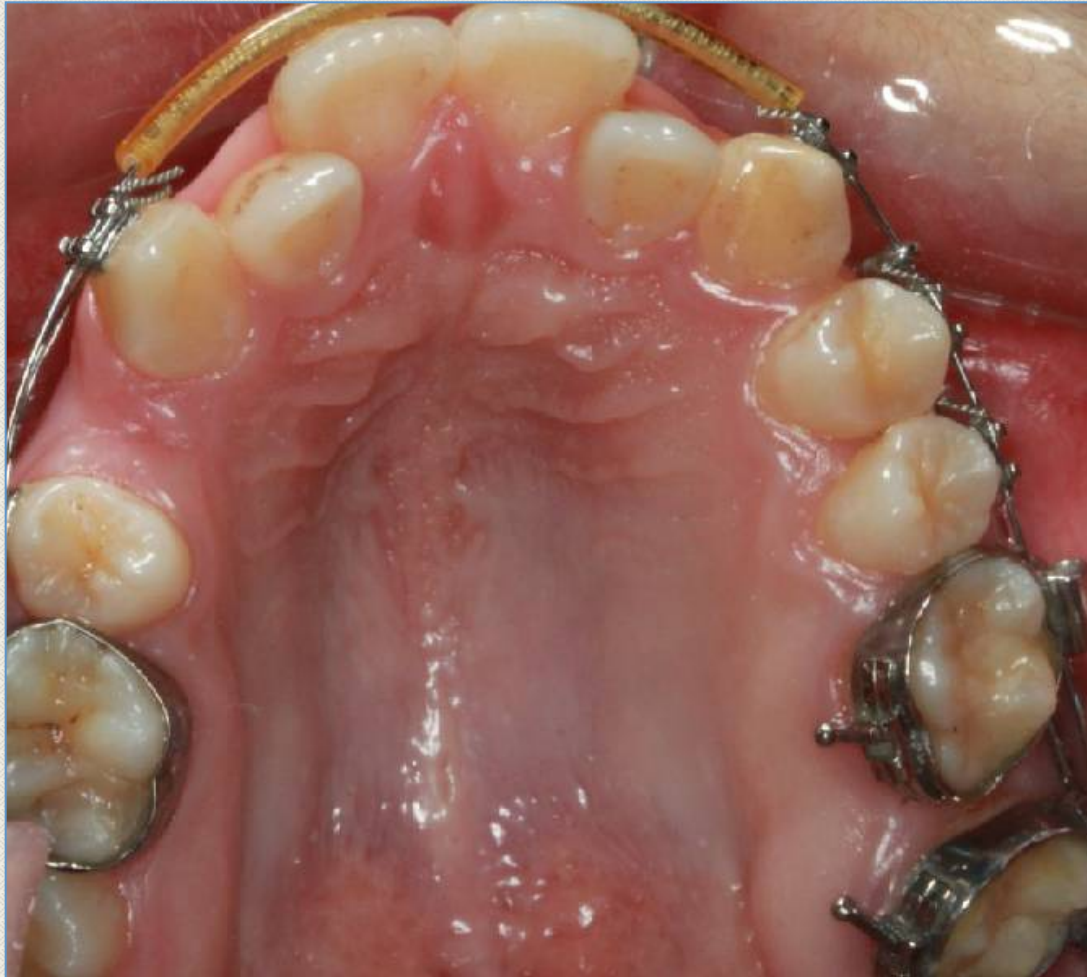
December 26th 2010 – 8 Weeks Later

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December 26th, 2010 - The Medium Size EZ Slider is applied to UL6

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January 12th, 2011 - 3 weeks later

55



January 12th, 2011 - The Small Size EZ Slider is Applied to UL5

56



February 23rd, 2011 - 5 weeks later

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February 23rd, 2011 - Left Canine and First Premolar are distalizing together with the help of the small size EZ Slider

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Patient
A.D.

Dr. Faruk
İzzet Uçar













Treatment Plan

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- Extraction of Teeth #14 & #26
- Anchorage control with cervical headgear

Patient had Poor Headgear Cooperation

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Anchorage Loss of the Upper Left Molar



Anchorage Loss of the Upper Left Molar

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September 15th, 2010 - Application of the Mini Implant and the EZ Slider to UL6

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September 15th, 2010 - Application of the EZ Slider to UL6

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October 15th, 2010 – 4 Weeks Later

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October 15th, 2010 - Application of the EZ Slider to UL5

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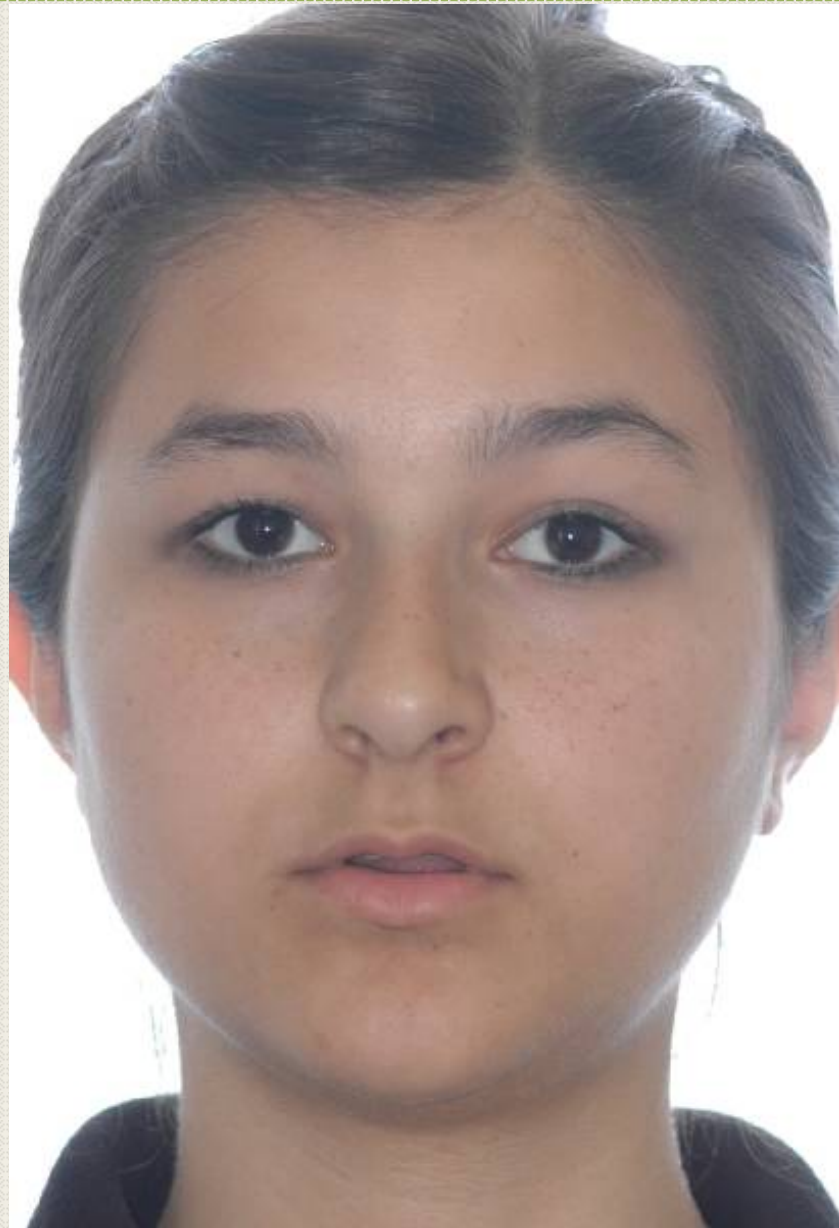
December 10th, 2010 – 7 Weeks Later

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Patient
A. B. K.

Dr. Nisa Gül

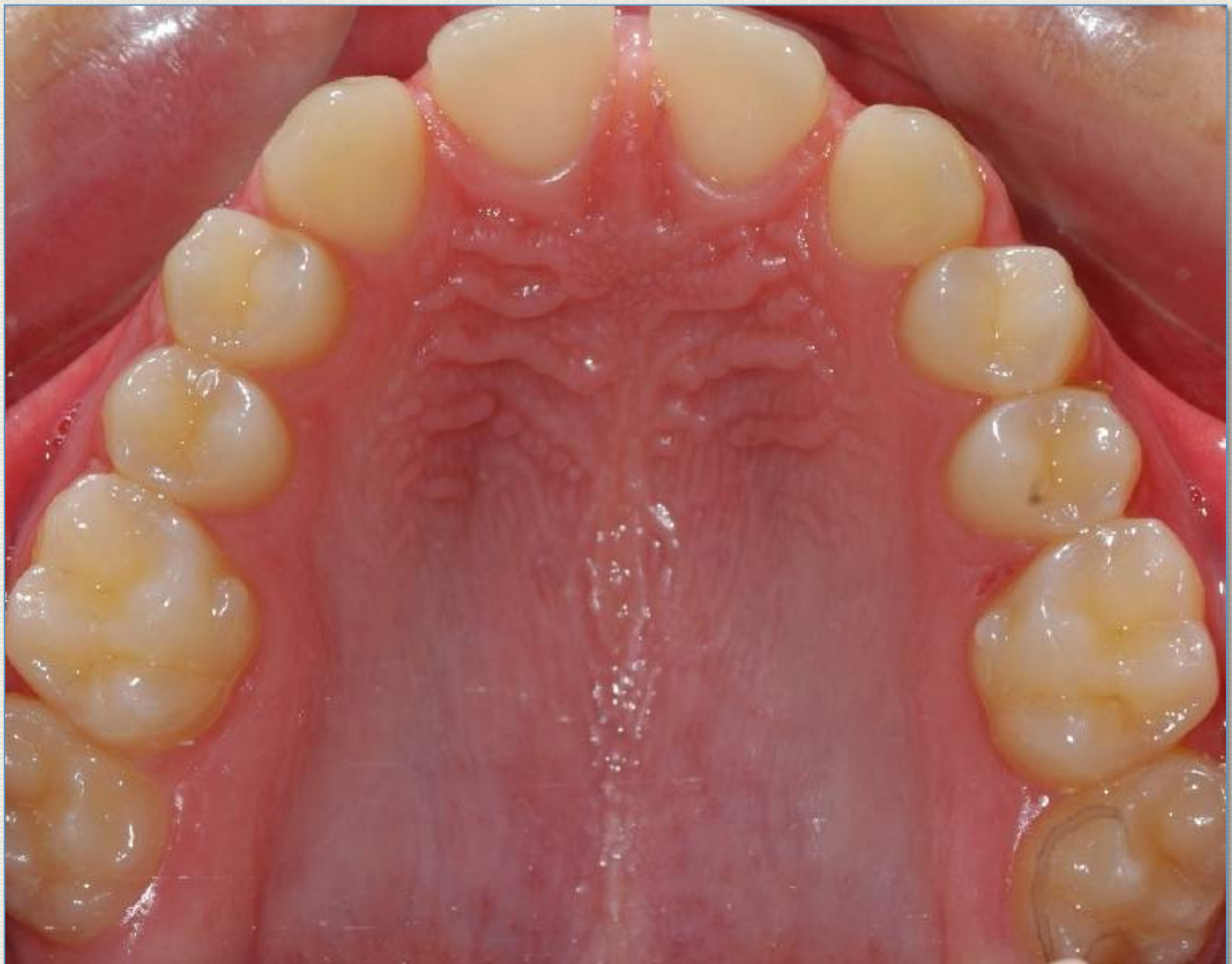














Congenitally Missing Upper Laterals

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Treatment Plan

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- Distalization of the posterior segments for placing implants for the missed lateral incisors

September 2nd, 2010 – Application of the EZ Sliders to the upper 7s

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November 26th, 2010 – 8 weeks later spaces are gained and the sliders are applied to upper molars

83



January 12th, 2011– 6 weeks later the first molars are pushed distally and the sliders are applied to upper premolars and canines

84



February 25th, 2011– 6 weeks later bilaterally canines and premolars were brought to their final position

85



September 2nd, 2010

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November 26th, 2010

87



January 12th, 2011

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February 25th, 2011– The necessary spaces for lateral incisors were obtained in 5 months

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MOLAR MESIALIZATION

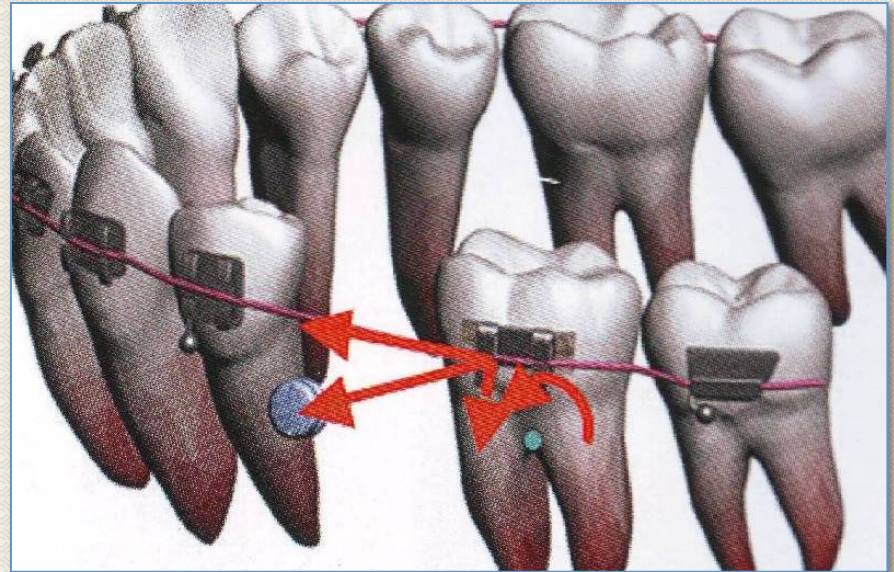
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EZ Slider™

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Benefits

- **Protraction with a single force can result in unwanted tipping of a molar**



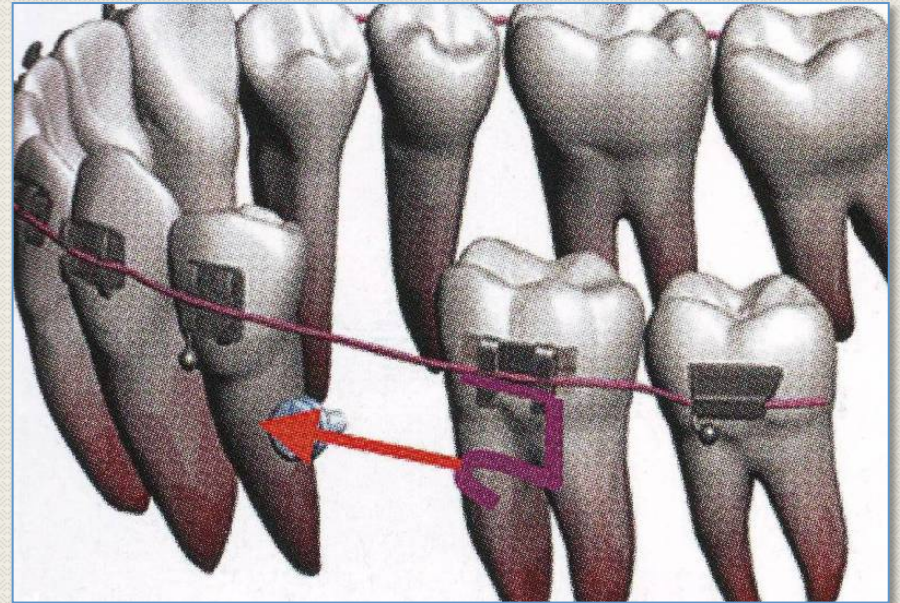
R. Nanda

EZ Slider™

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Benefits

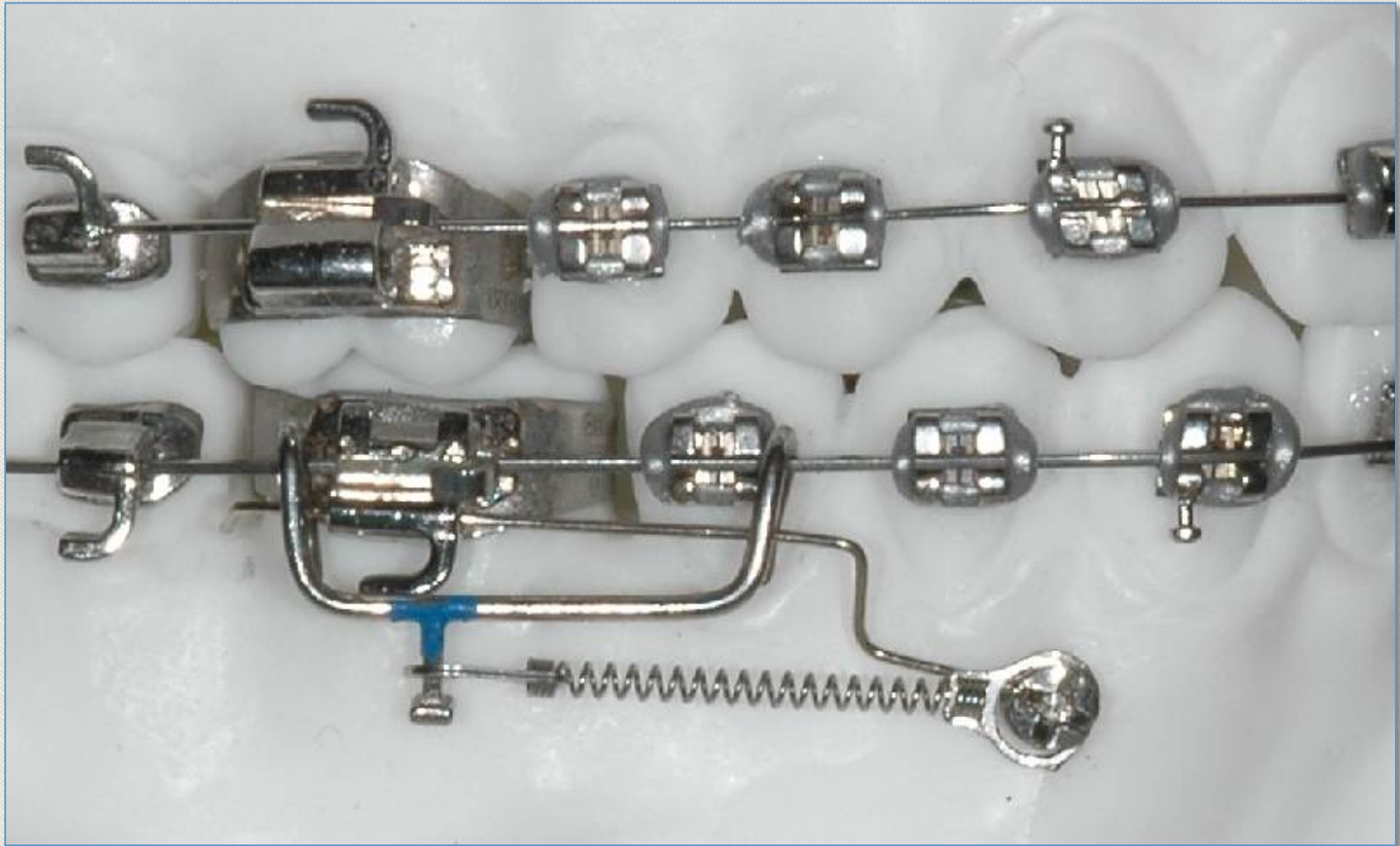
- To avoid the unwanted mesial tipping, a lever arm must be extended to lower the level of the line of force



R. Nanda

By using the EZ Slider the force is applied at the lower level of the line of force

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For mesial movement the length of the slider is not critical. The size is related with the space needed for mesialization.

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Long Size



Medium Size



Conclusion

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- The EZ Slider can be easily applied to any archwire with its “Click-in Click-out” self-locking arms
- This provides less chairtime
- EZ Slider is effective on the distalization and also on the mesialization of the posterior segments
- They can be used with any kind and any brand of TAD

QUESTIONS?

enisg@orthotechnology.com

[Orthotechnology.com/
EzSliderFAQ](http://Orthotechnology.com/EzSliderFAQ)