

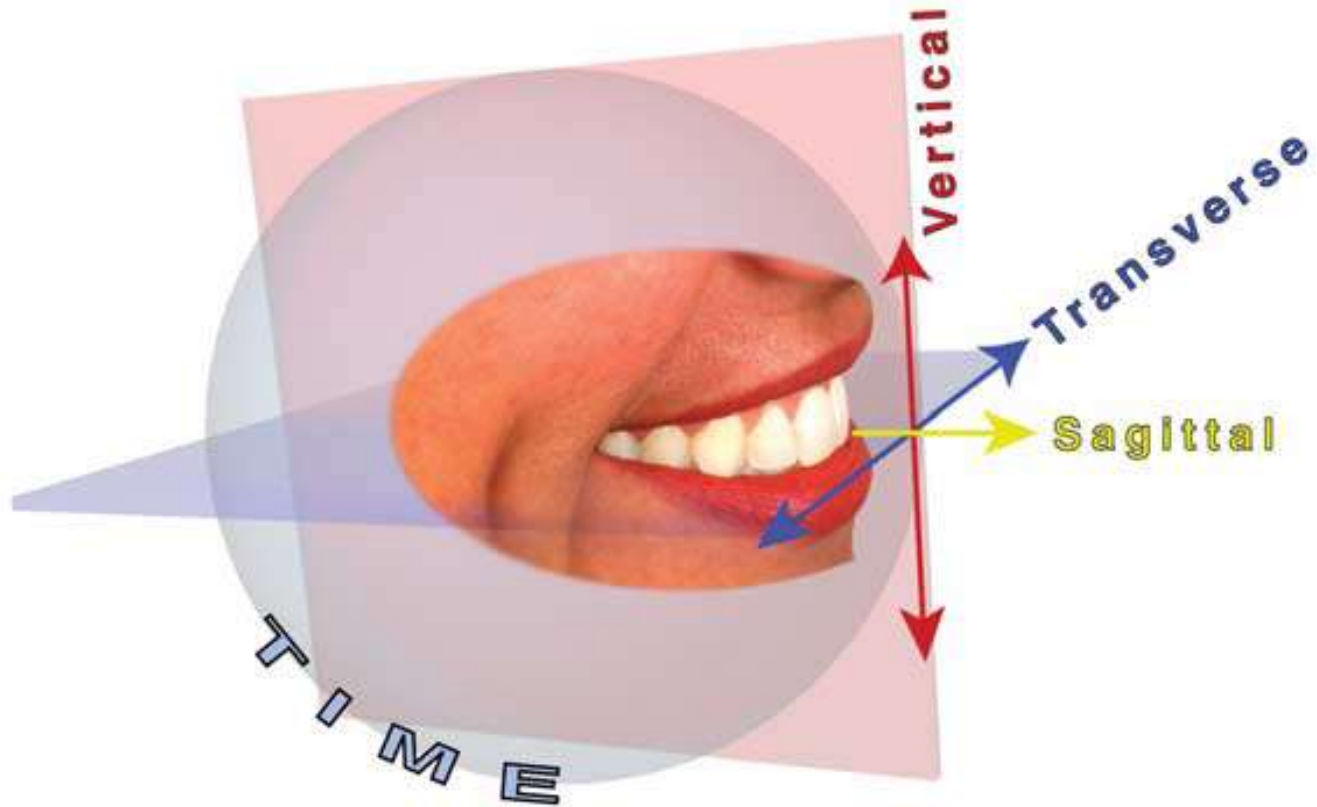
# Esztétikai szempontok a fogszabályozó kezelés tervezésekor

Dr. Nemes Bálint

**GYERMEKFOGÁSZATI ÉS FOGSZABÁLYOZÁSI KLINIKA**

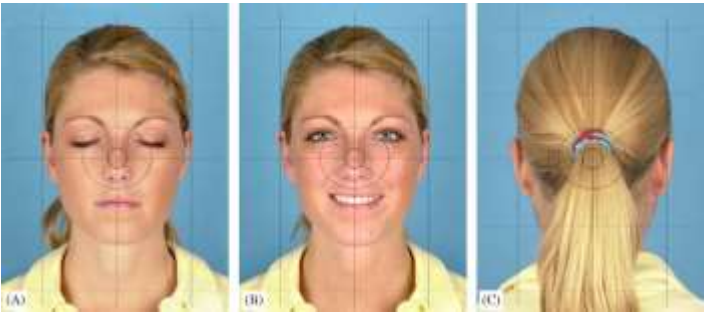


# Mosoly 4 dimenziója



*Sarver and Ackerman, AJODO, 2003. Volume 124, Number 1*

# Fotódokumentáció



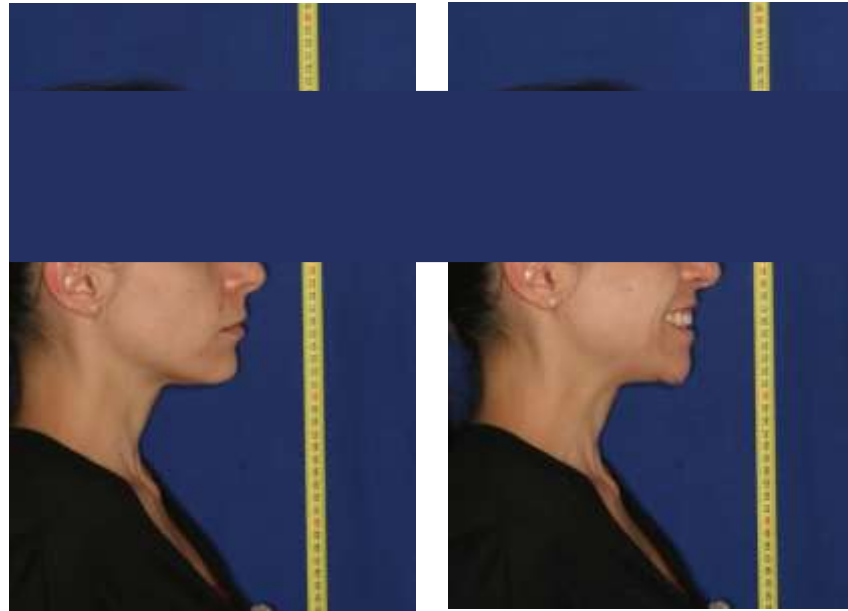
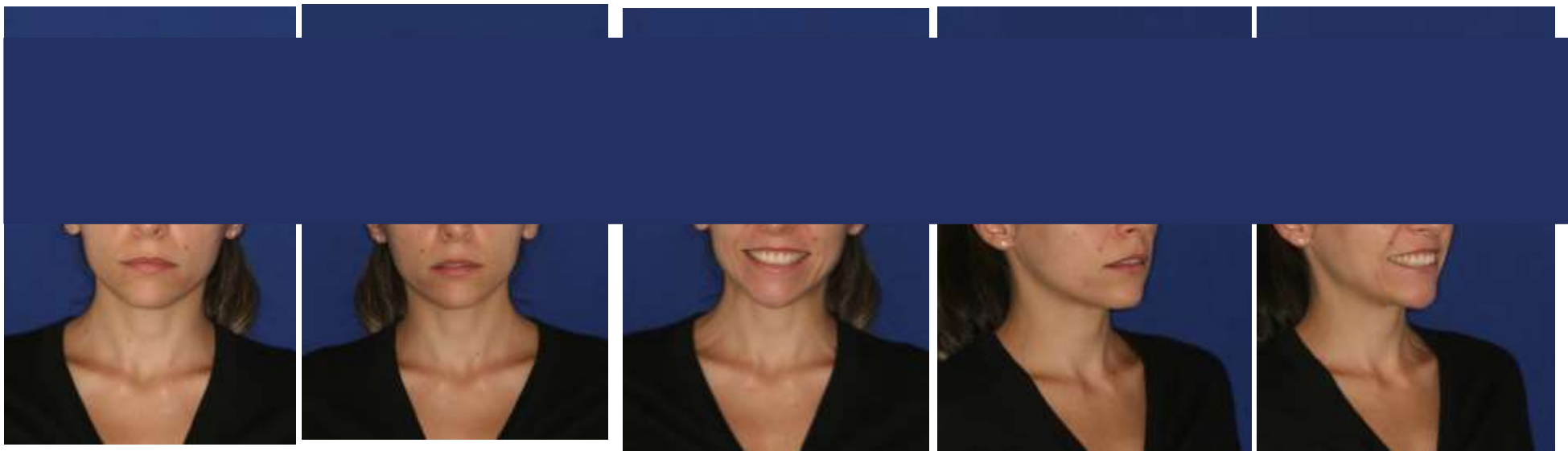
These guidelines have been approved in November 2005 by the Council of the European Association for Cranio-Maxillo-Facial Surgery

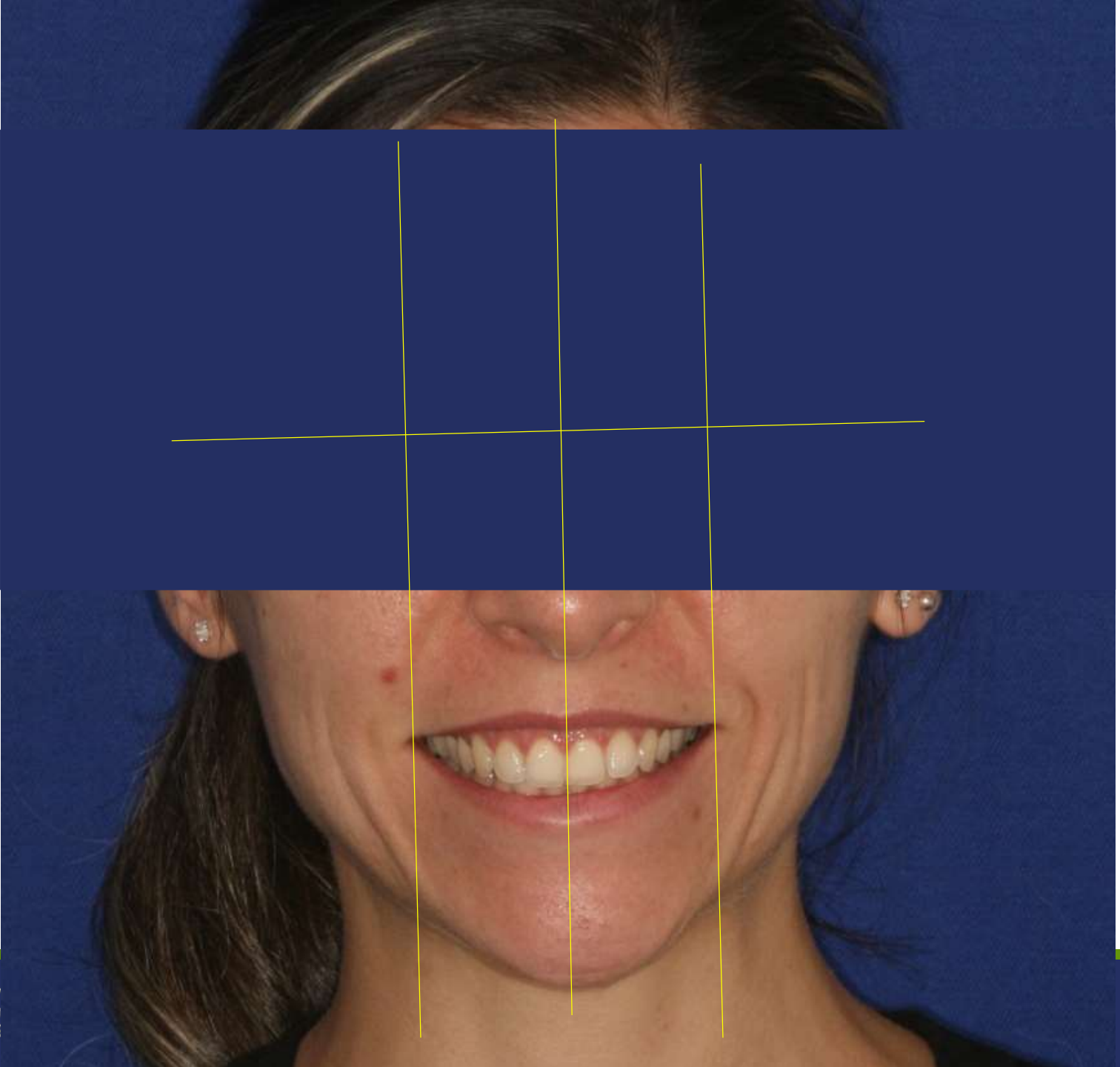
Ettore et al., J. Cranio Maxillofac Surg 2006. 34: 65-73

# Fotódokumentáció

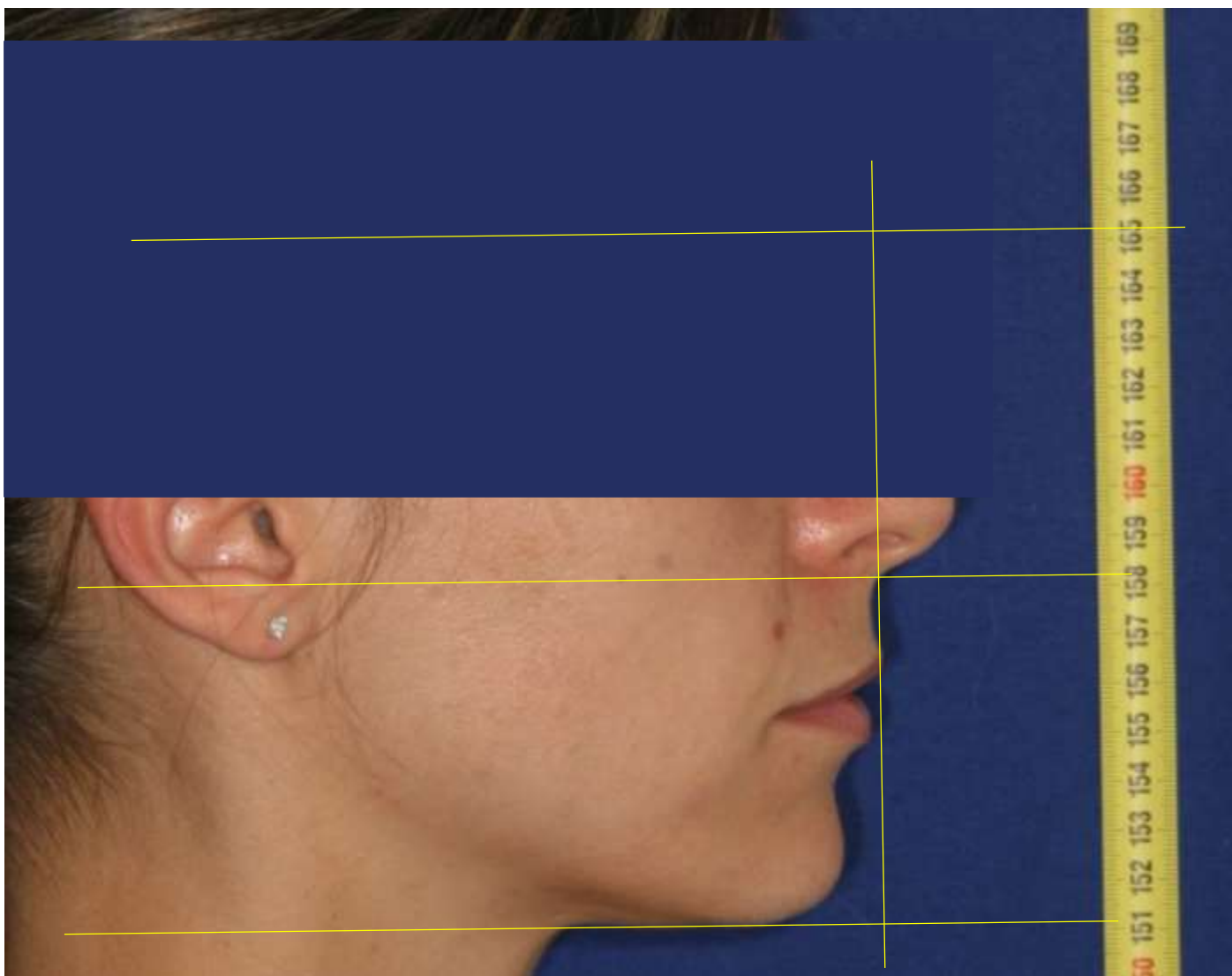


Sarver and Ackerman, AJODO, 2003. Volume 124, Number 1

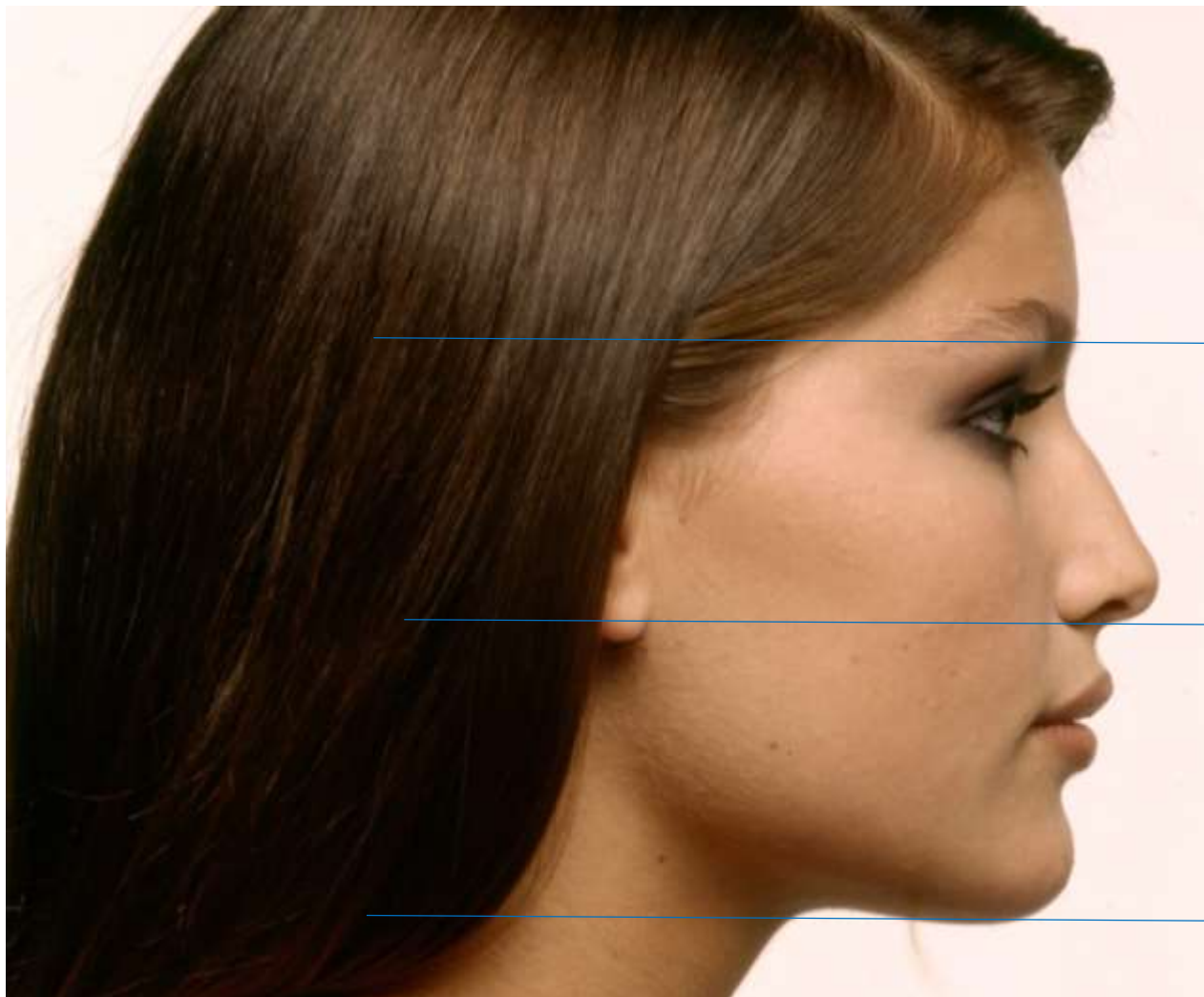


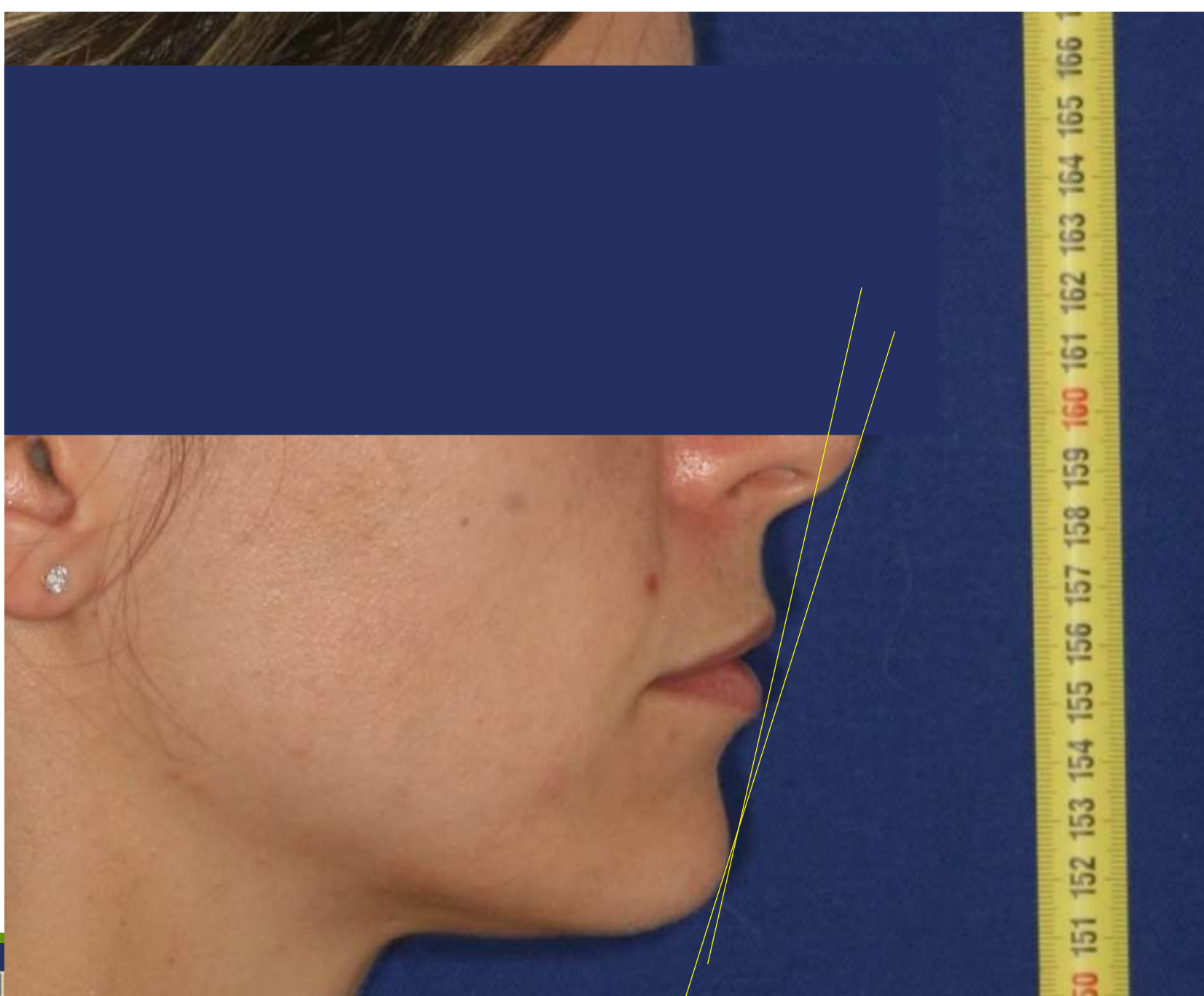


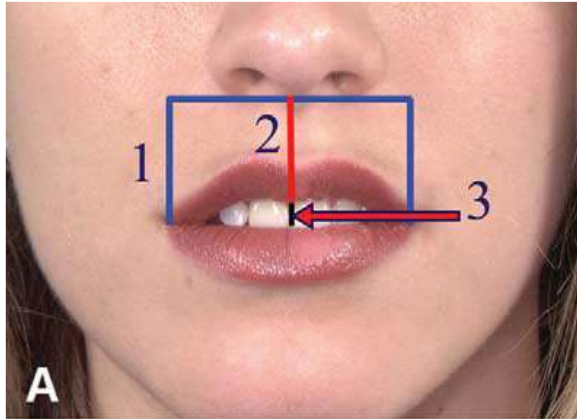












A

1: Comissura magasság

2: Philtrum magasság

3: Interlabialis rés

B

1: Koronahossz

2: Gingiva expozíció

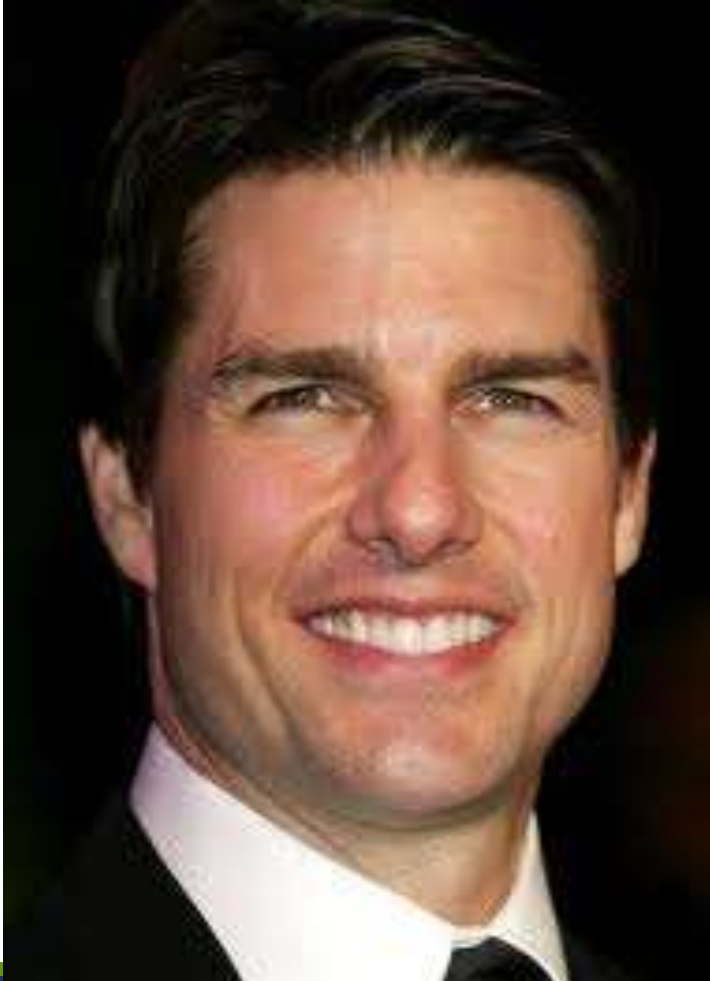
3: Mosoly-ív – alsó ajak viszony

C

Ideális mosoly-ív

Sarver and Ackerman, AJODO, 2003. Volume 124, Number 1

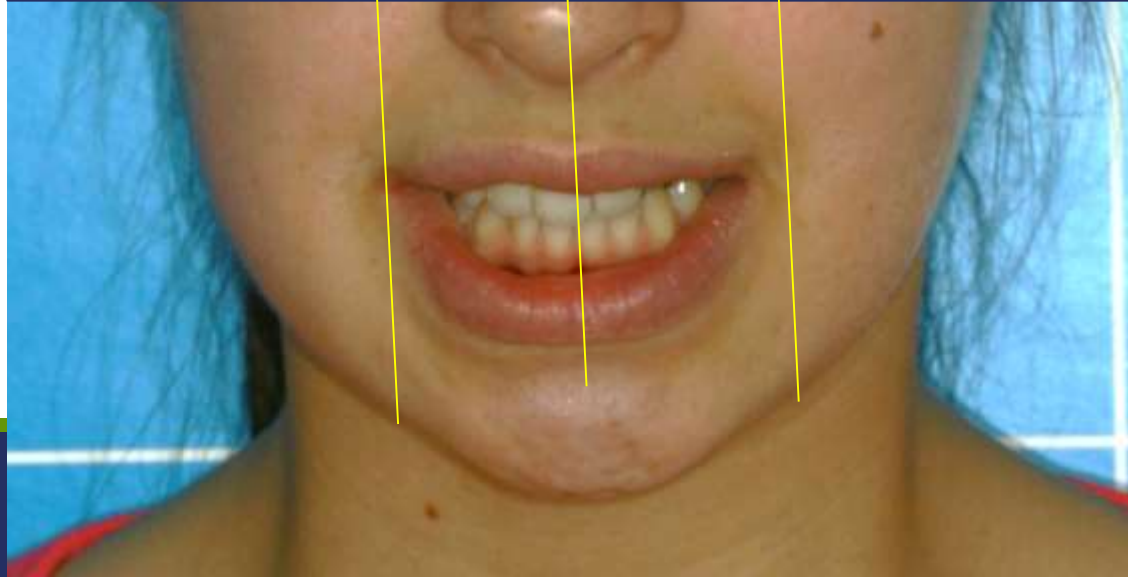
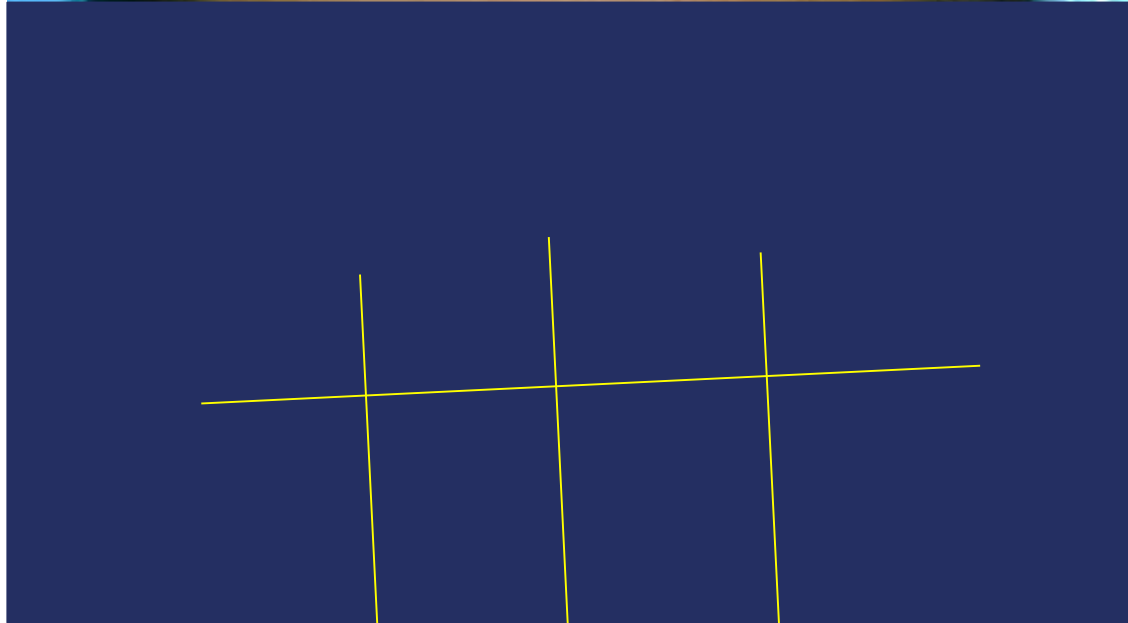
# 1. Középvonal eltolódás



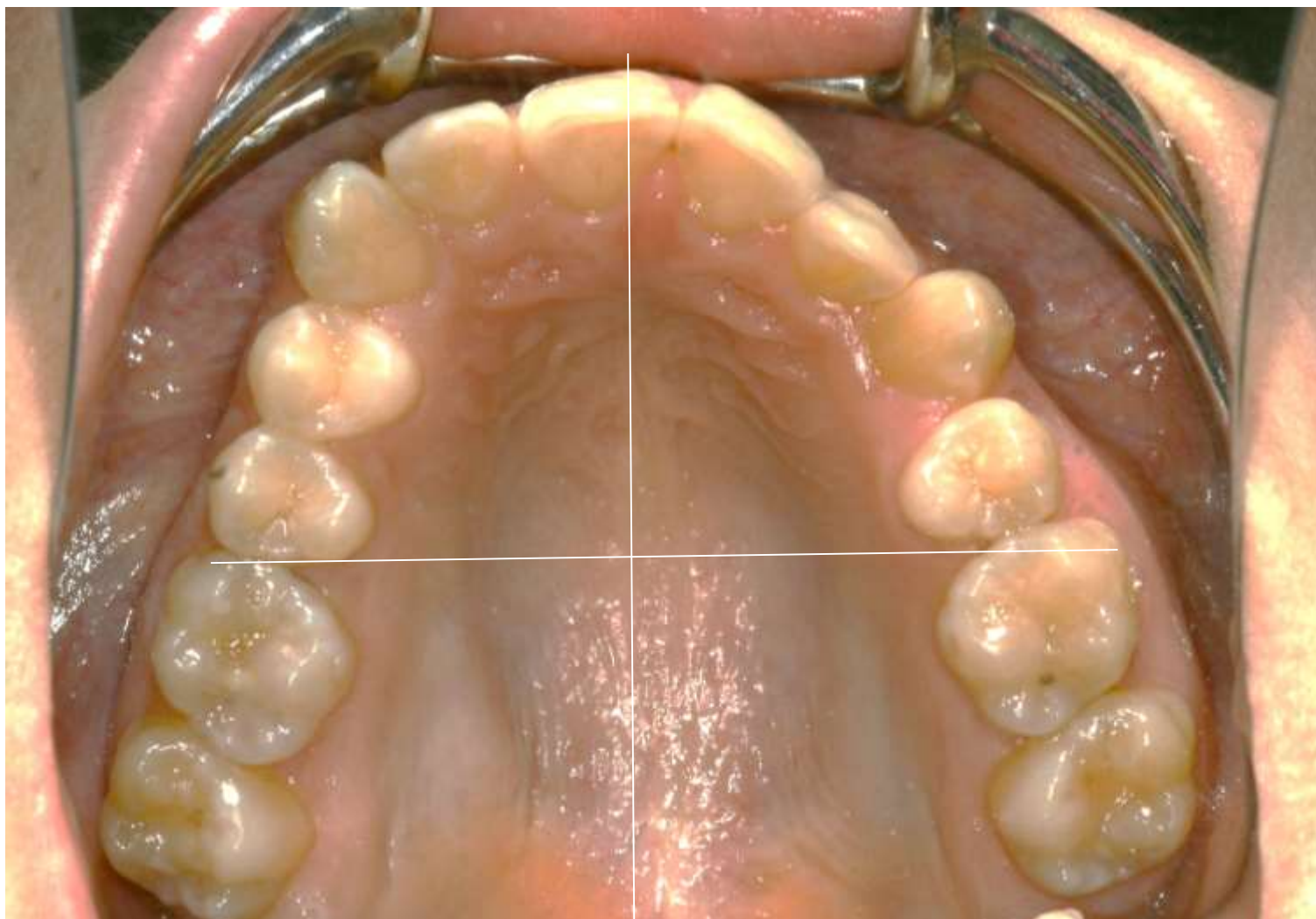
- The selected articles recommend that a small dental midline deviation of 2.2 mm can be considered acceptable by both orthodontists and laypeople,

*Angle Orthod. 2011 Jan;81(1):153-61*

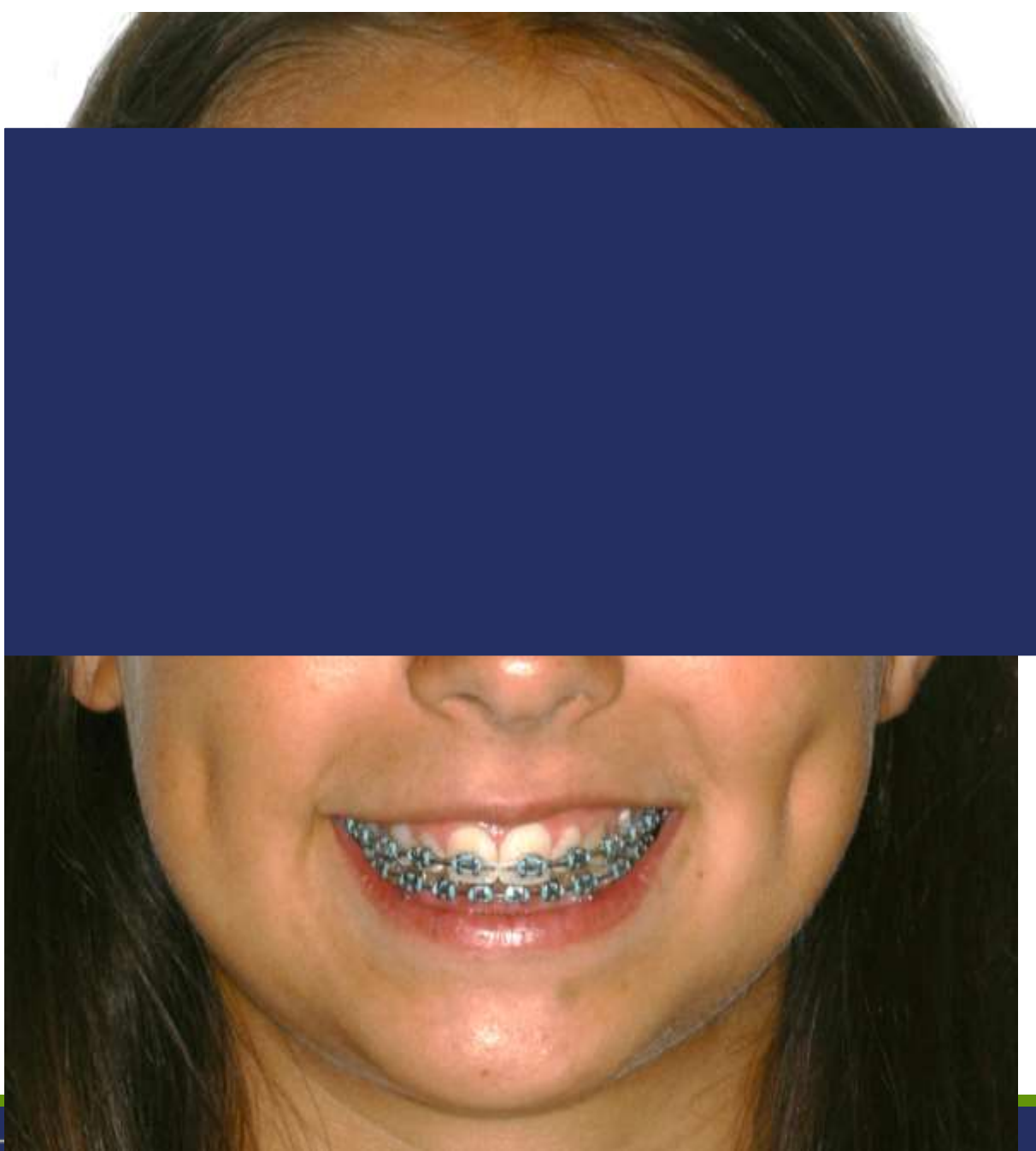


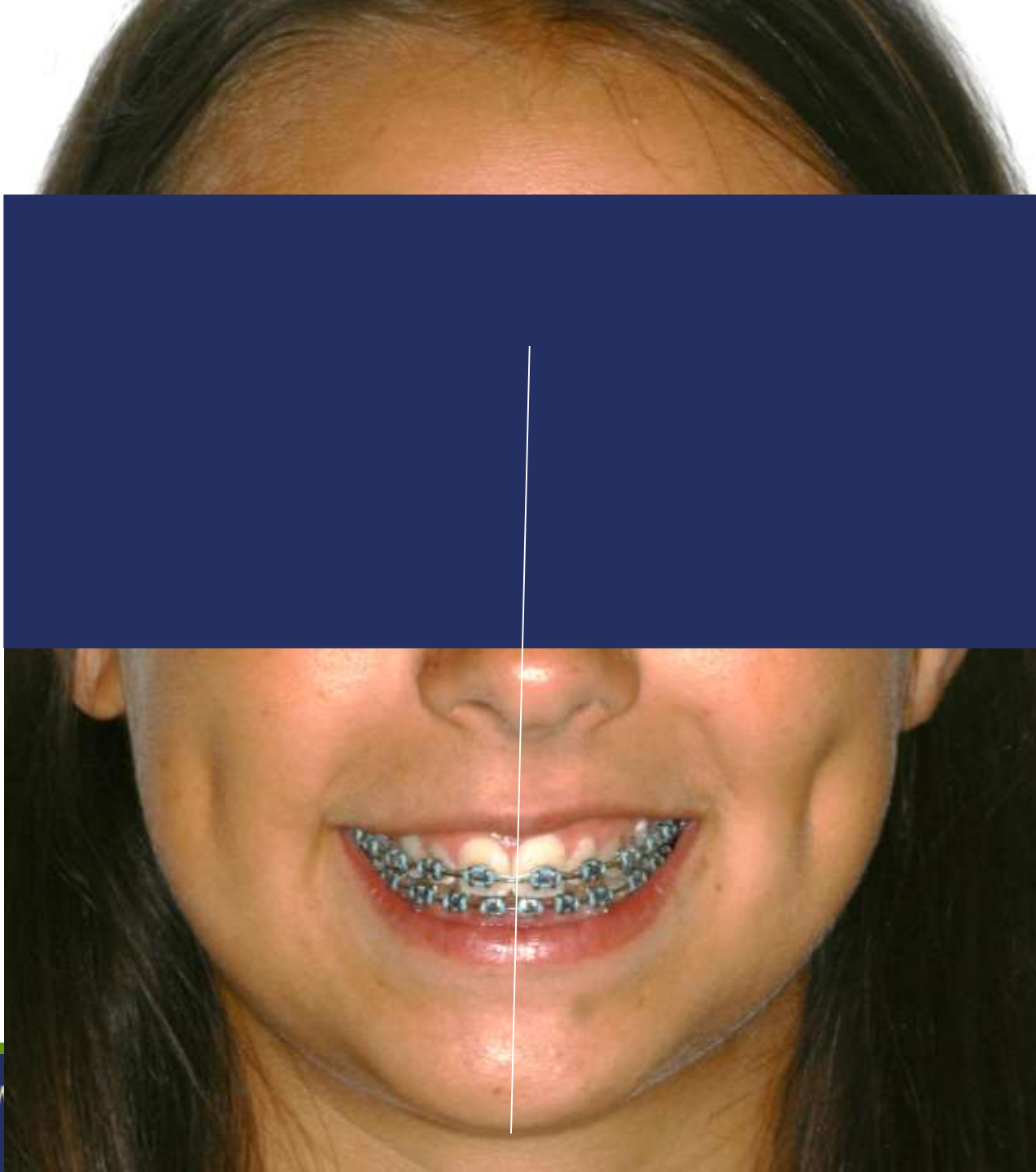


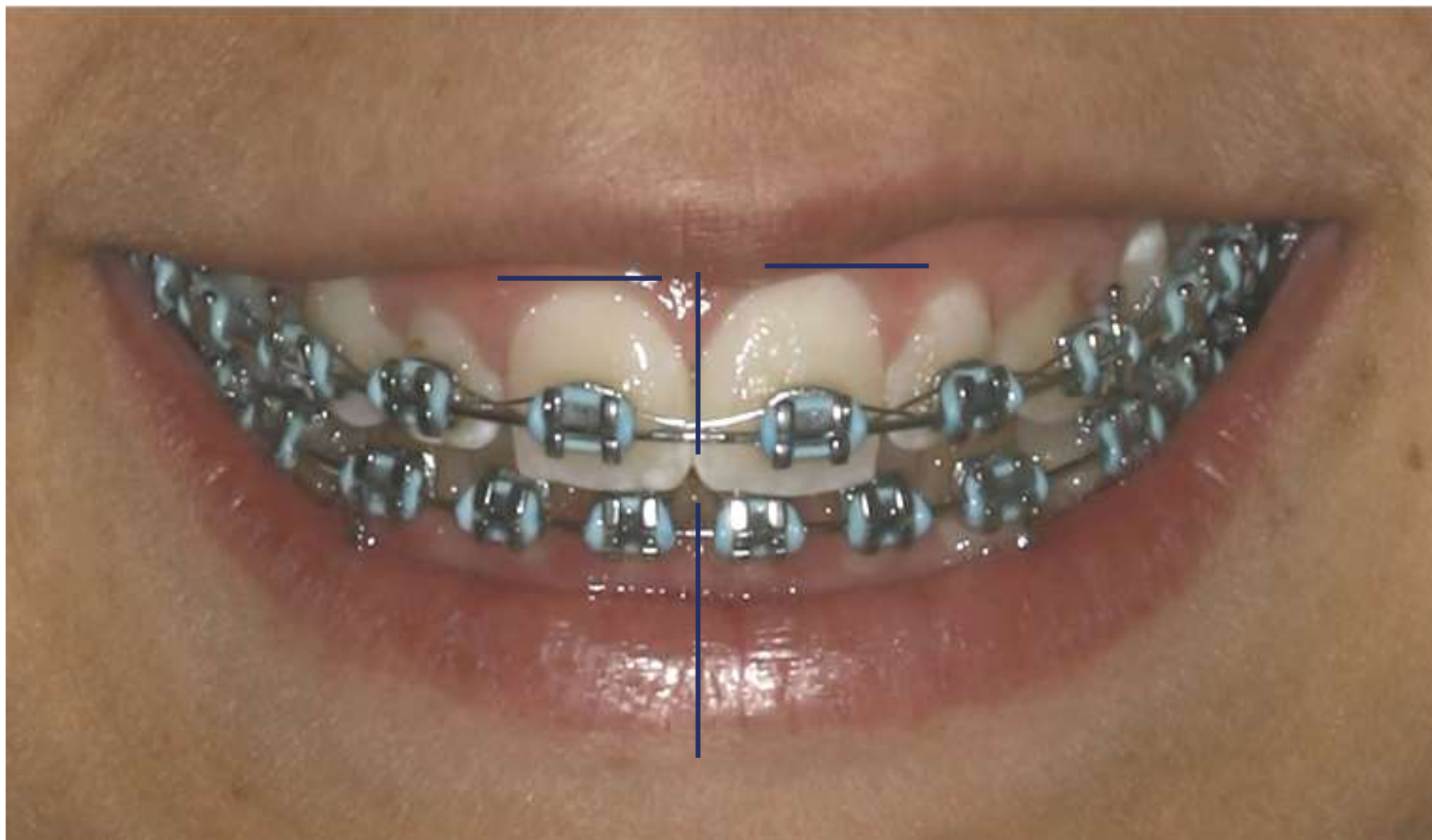


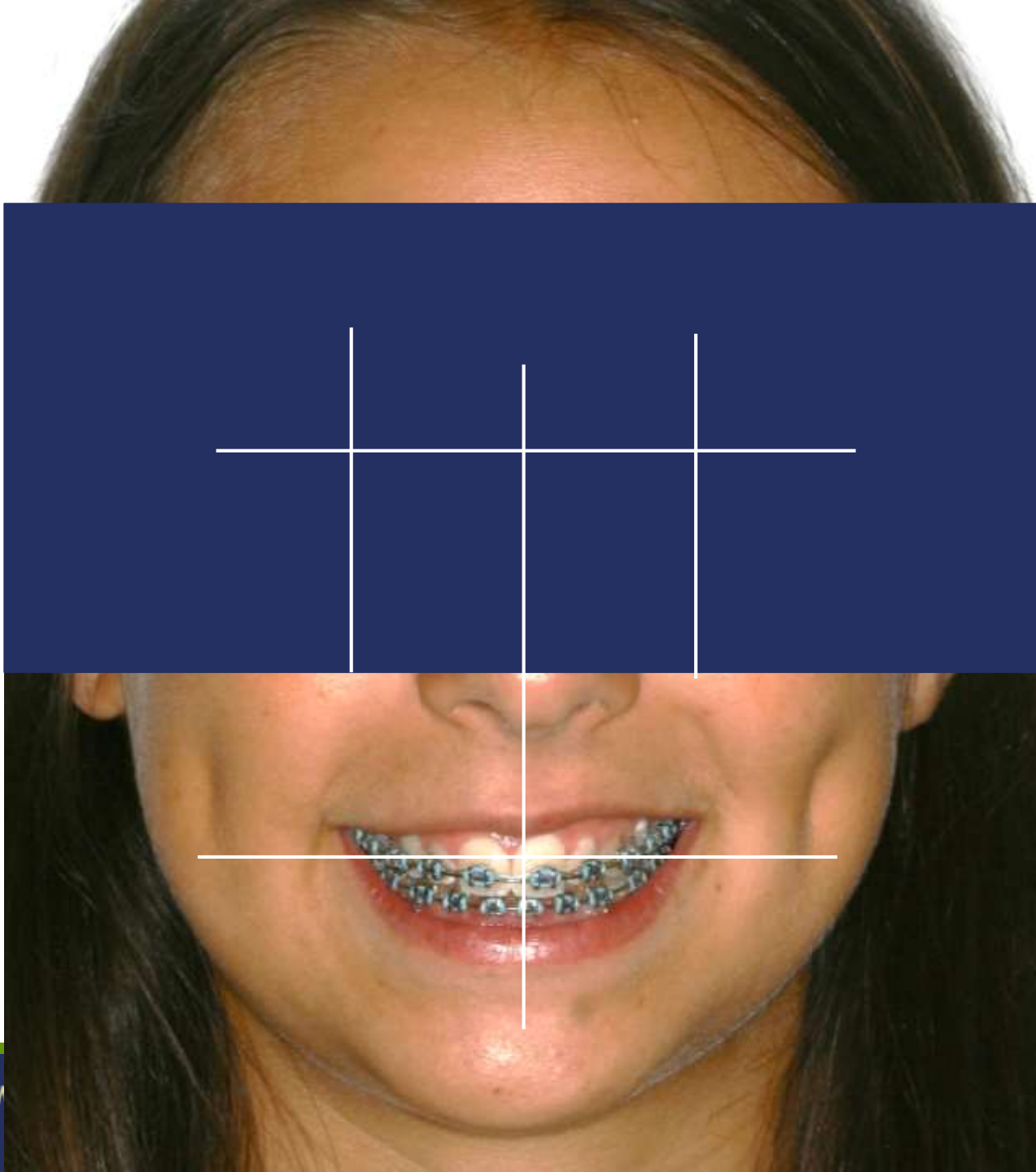


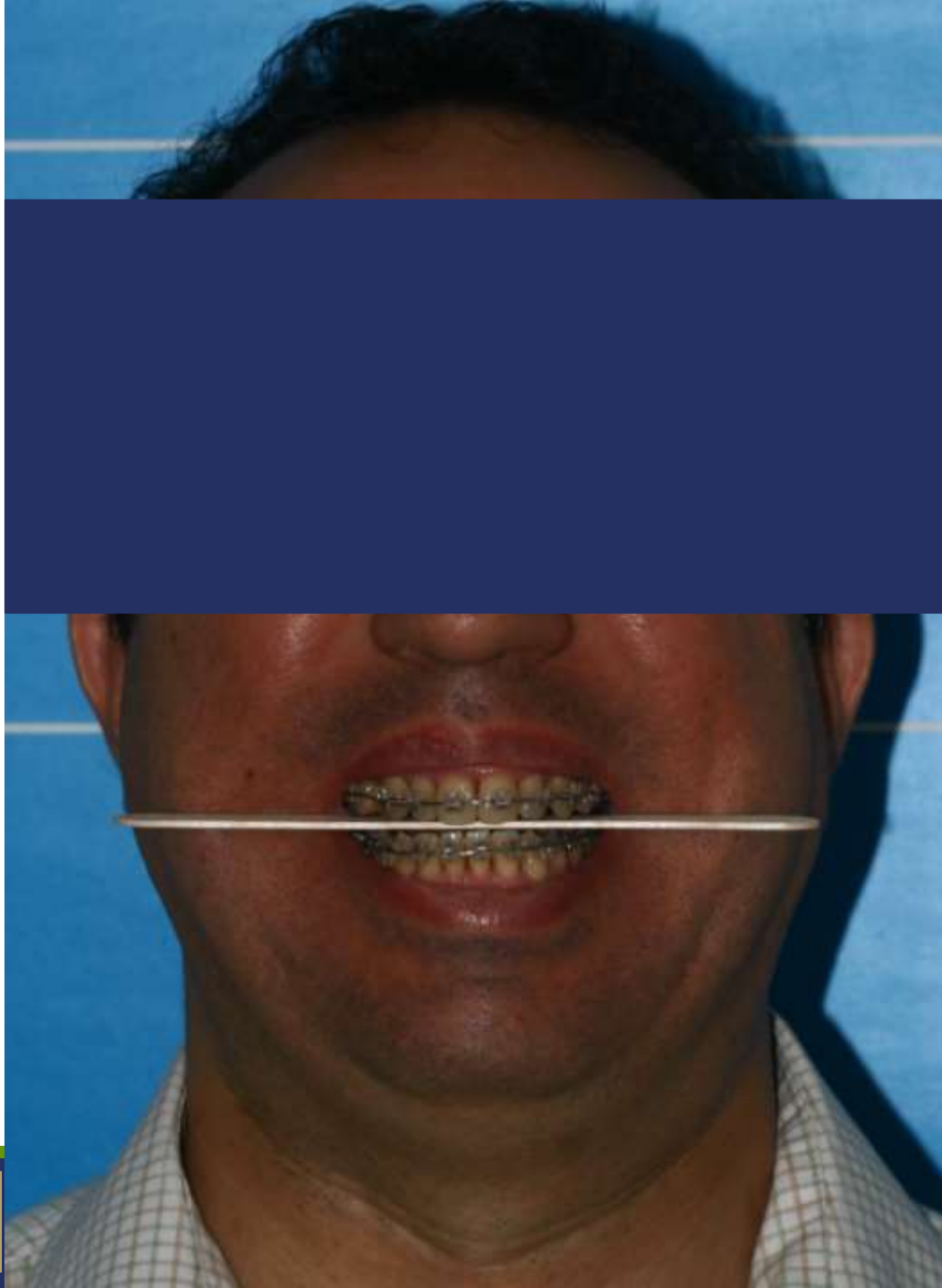


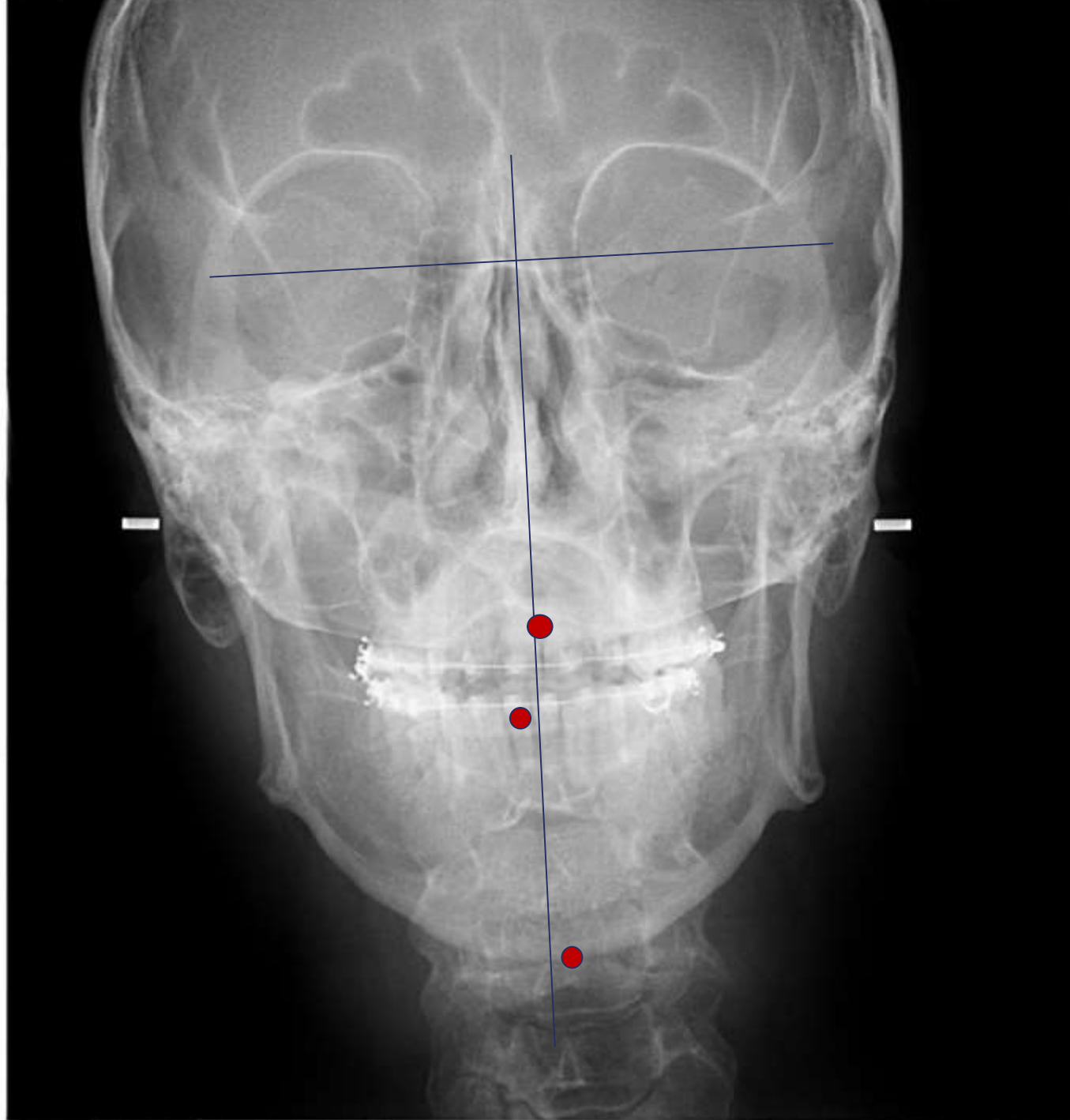




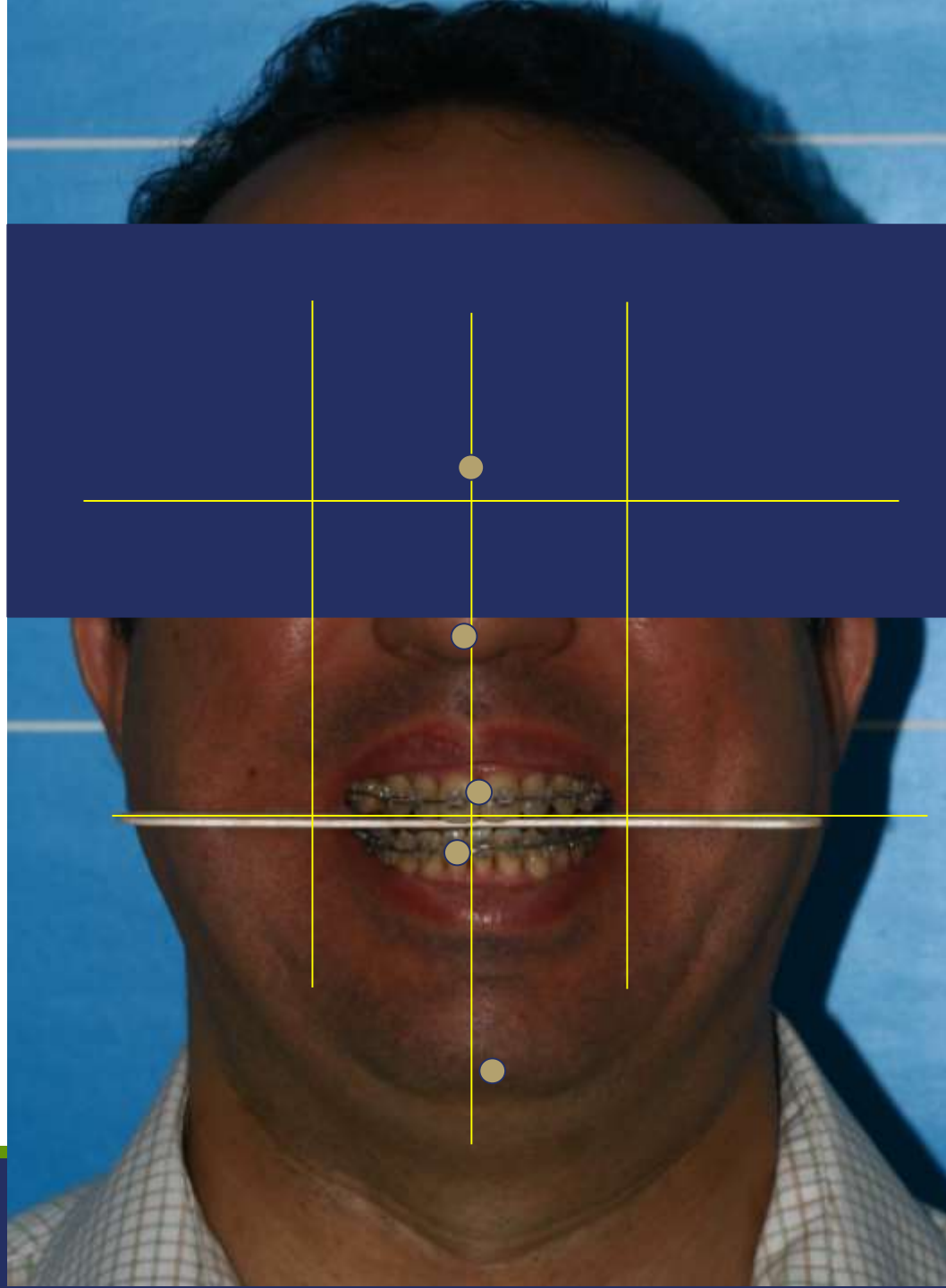












Paciens neve:

Fogszabályozó orvos:

Surgery

Le Fort I advancement

R: 6.5 mm L: 6.5 mm:

BSSO

R: 2.5 mm advancement

L: 2.5 mm setback

ML: 2.5 mm to the left

Genioplasty:

Vertikal 4 mm slice out

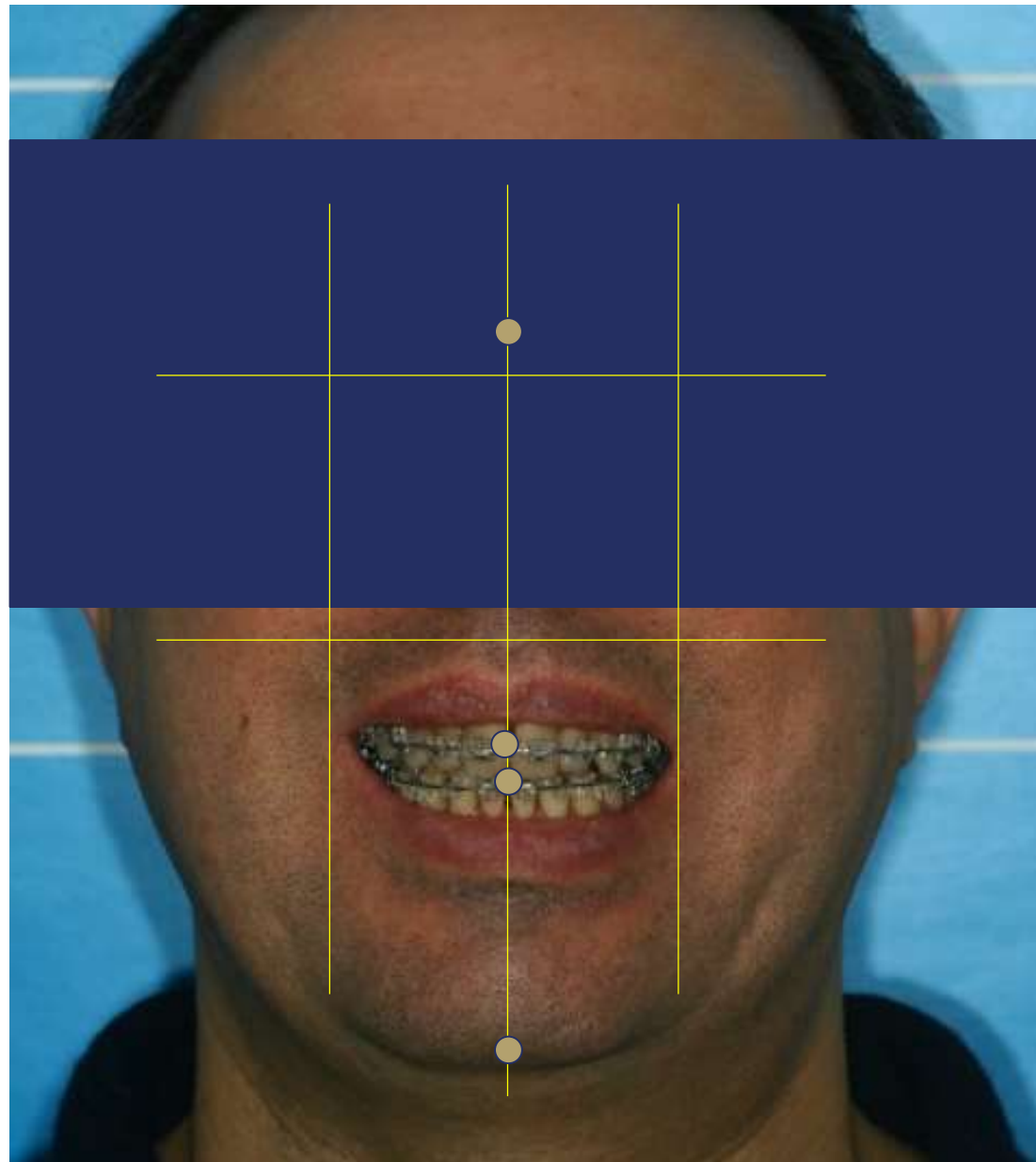
Saggitally 5mm advancement

Transversal 7mm to the right





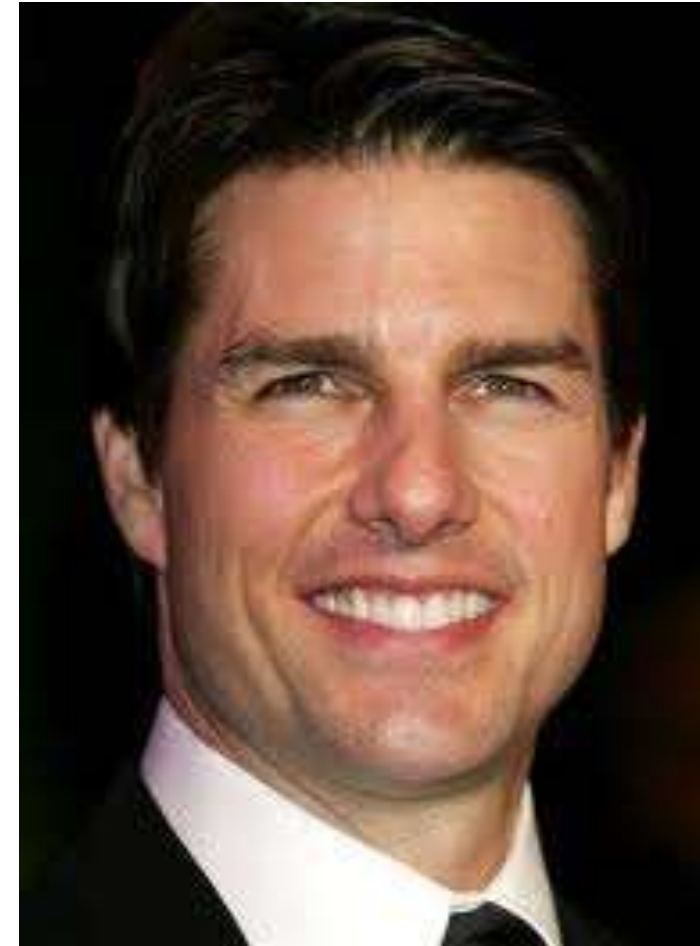




## 2. Középvonal anguláció

- Küszöbérték fogszabályozó orvosoknak:  $6.48-6.68^\circ$
- Küszöbérték laikusoknak:  $10.08-10.78^\circ$

*Thomas et al., Angle Orth 2003, Vol.74, No.4*





### 3. Gingiva marginalis lefutási vonala

Követi a felső ajak vonalát mosolygáskor



# Canine substitution of missing laterals



# 4. Buccal corridor

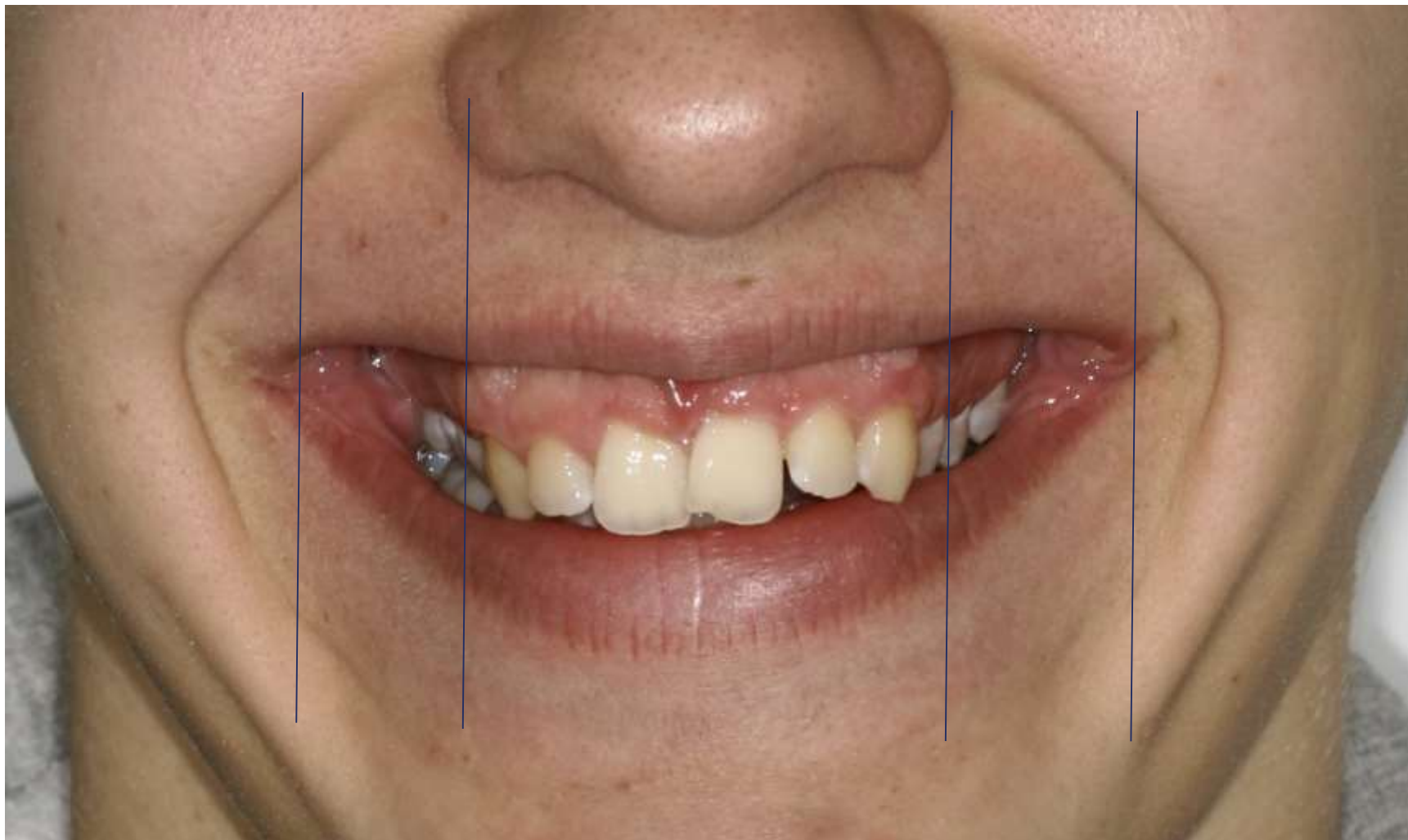
Buccal corridor:

A felső első premolárisok vonala és a komisszura közötti távolság

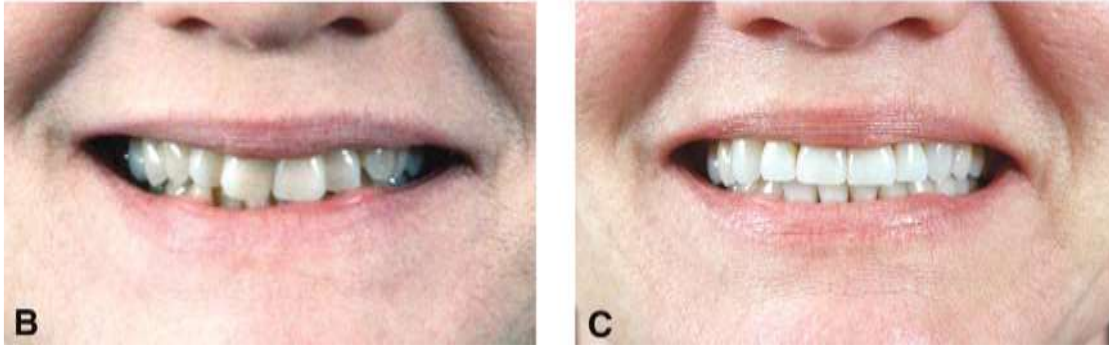




- The buccal corridor width was least in attractive smile group and maximum in least attractive smile group. The buccal corridor width had a negligible correlation with hard tissues and a mild to moderate inverse correlation with intercanine and intermolar widths within the groups
- *Tikku et al. Indian J.Dent Res 2012.*



# Buccal corridor



The buccal corridor is measured from the mesial line angle of the maxillary first premolars to the interior portion of the commissure of the lips.

*Sarver and Ackerman AJODO, 2003 August, Volume 124, Number 2*

# Buccal corridor

Downgraft +  
advancement



# 5. Mosoly ív

- A mosoly ív a felső metszők és az alsó ajak közötti viszony mosolygáskor
- Harmonikus mosoly ív: a két vonal párhuzamos
- Egyenes mosoly ív: a metsző vonala egyenes az ajak ívelt
- Reverz mosoly: a két ív ellentétes lefutású

*Sarver DM. AJODO. 2001;120:98–111.*



# 6. Metsző és gingiva expozíció

Ideális esetben mosolygáskor a felső metszők 75-100%-a látszik





*Sarver and Ackerman, AJODO,  
2003. Volume 124, Number 1*

<i>Procedure</i>	<i>Expected change</i>	<i>Resulting gingival display</i>
Original		8 mm
Periodontal crown lengthening	-3 mm	5 mm
Philtrum lengthening	-3 mm	2 mm
Maxillary impaction	-2 mm	0 mm





## 4. dimenzió: Idő



1. Filtrum meghosszabodik
2. Comissura magasság csökken
3. Szöveti turgor csökken
4. Nyugalmi és mosoly metsző és gingiva expozíció csökken

# Köszönöm a figyelmet!