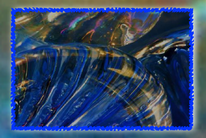


Micro esthetics

JR

Natural Lifelike

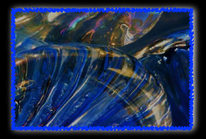
Incisal translucency and characteristics

Texture

Contours

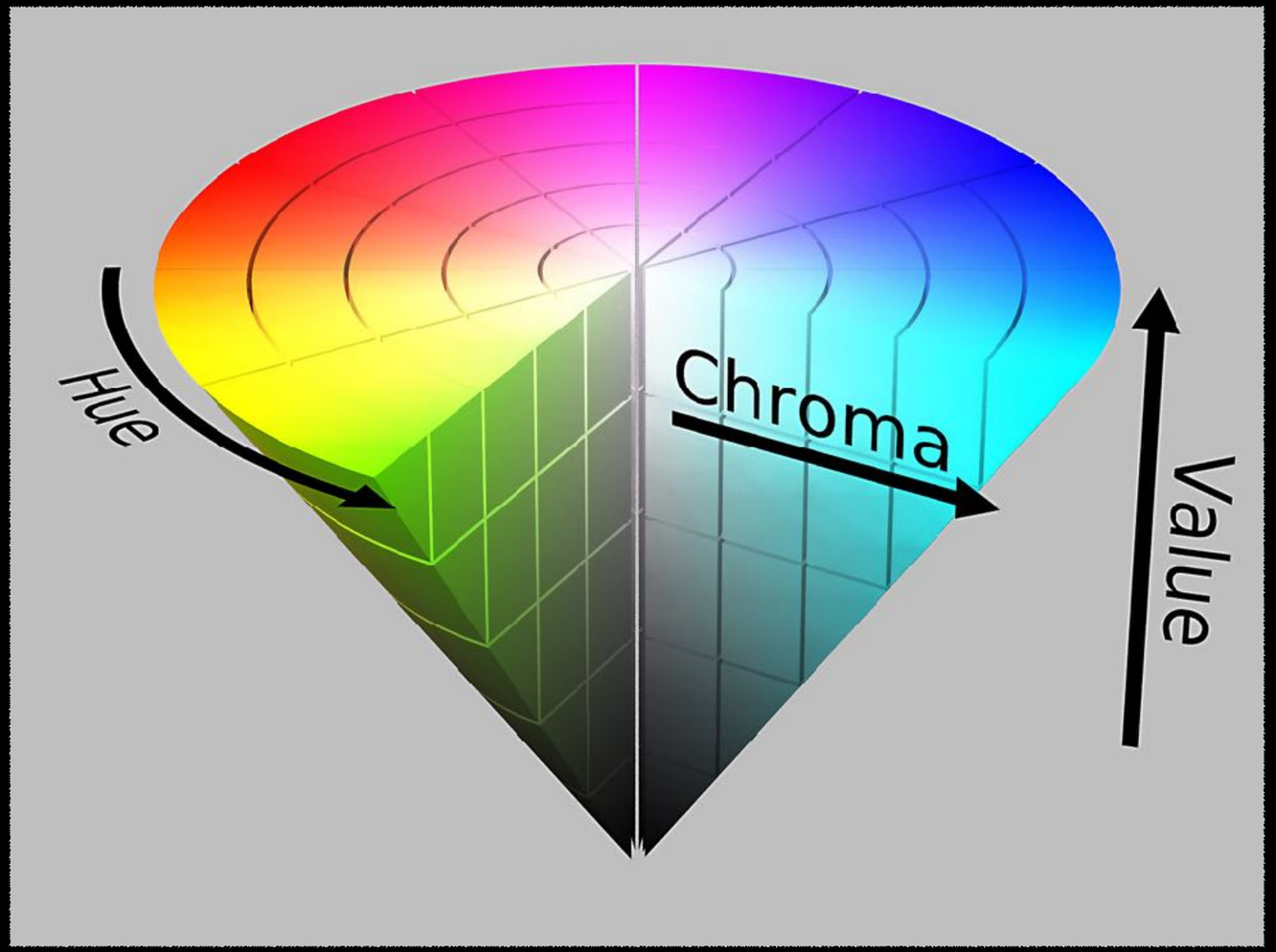
Anatomy

JR



Color evaluation

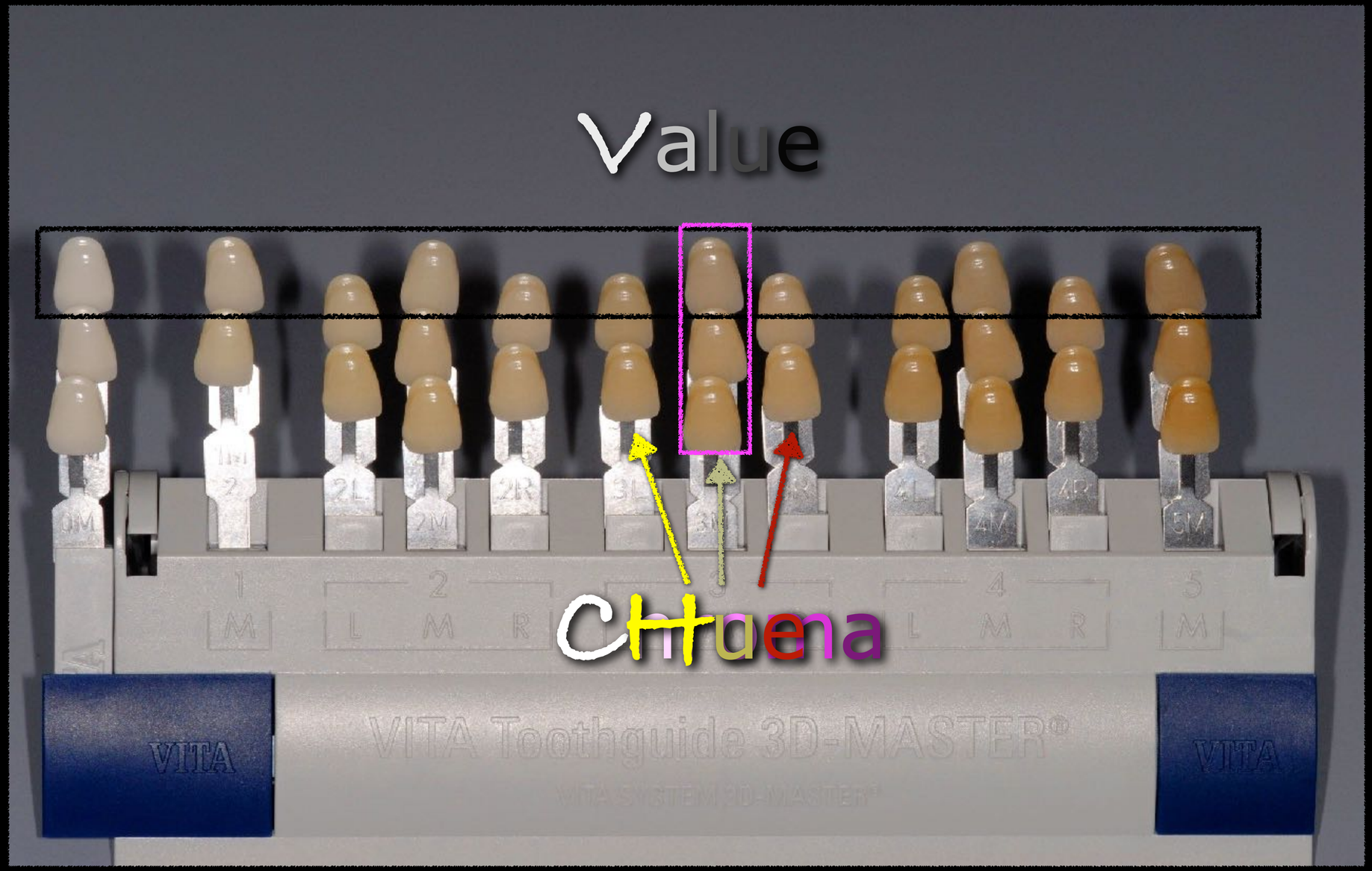
Hue



Value

Chroma

Color evaluation



Shade selection

Taking Shade photography

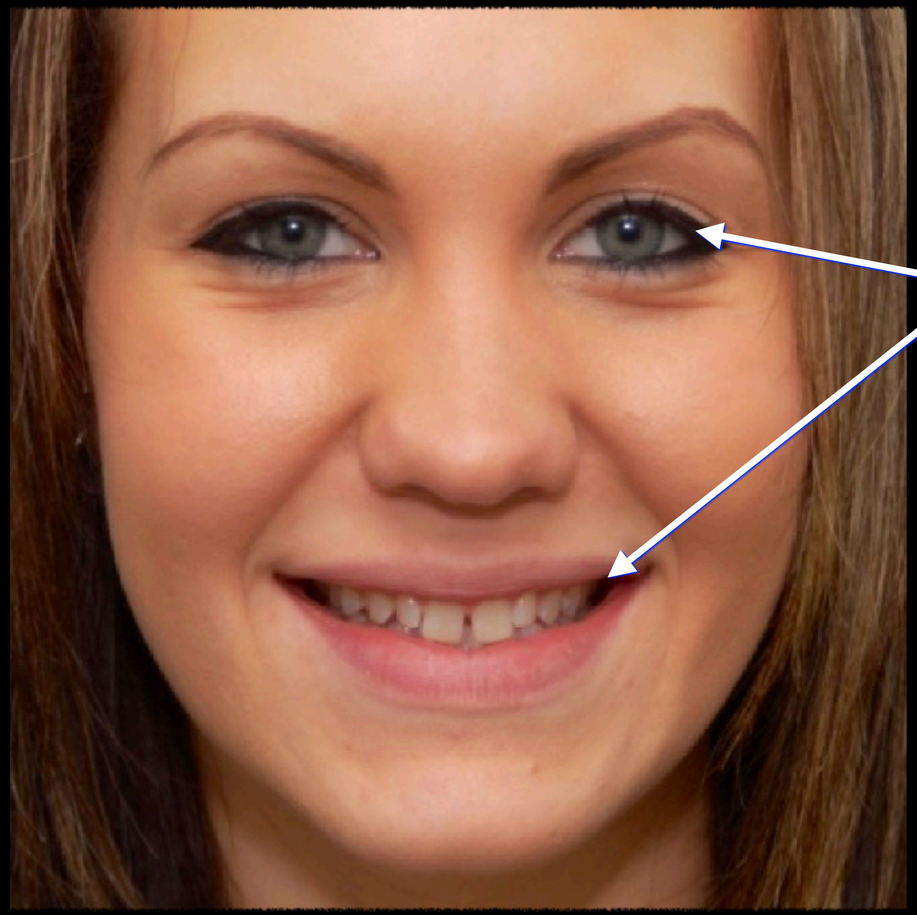
JR

Pearl #2 to remember!

Normally, the "natural" color for teeth match or blend with the eye sclera

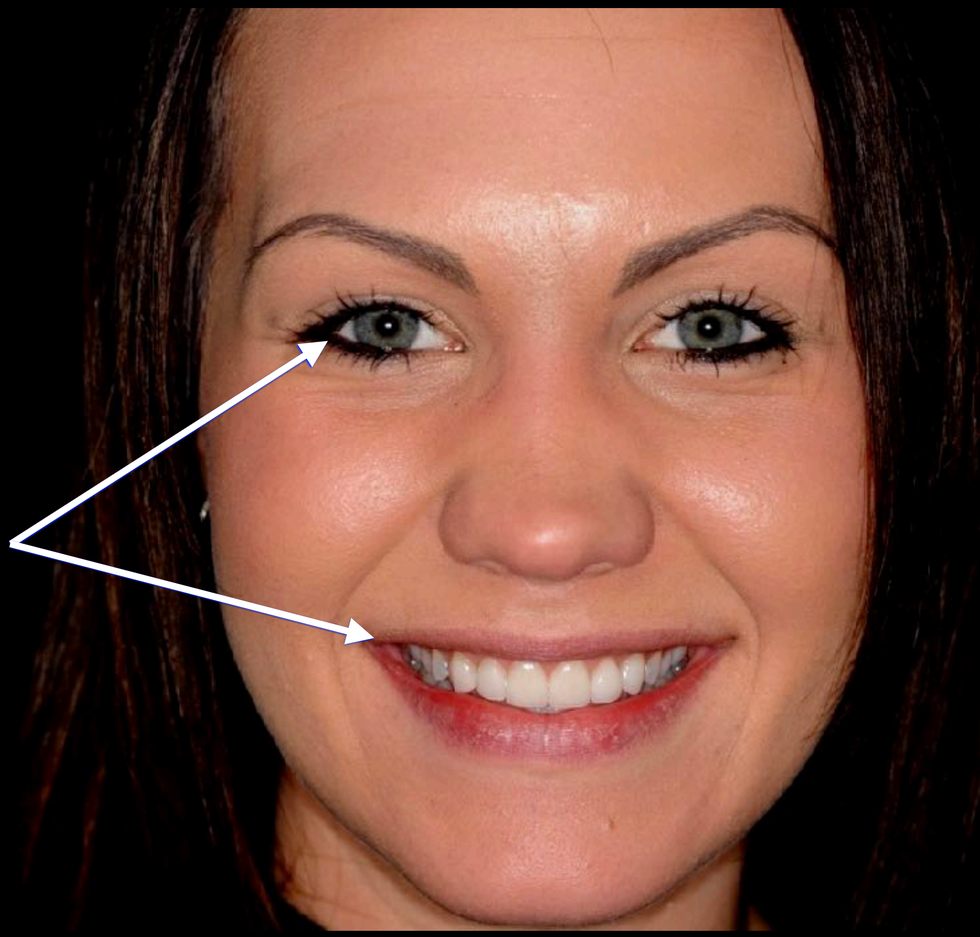
JR

JR



Teeth color darker then the sclera

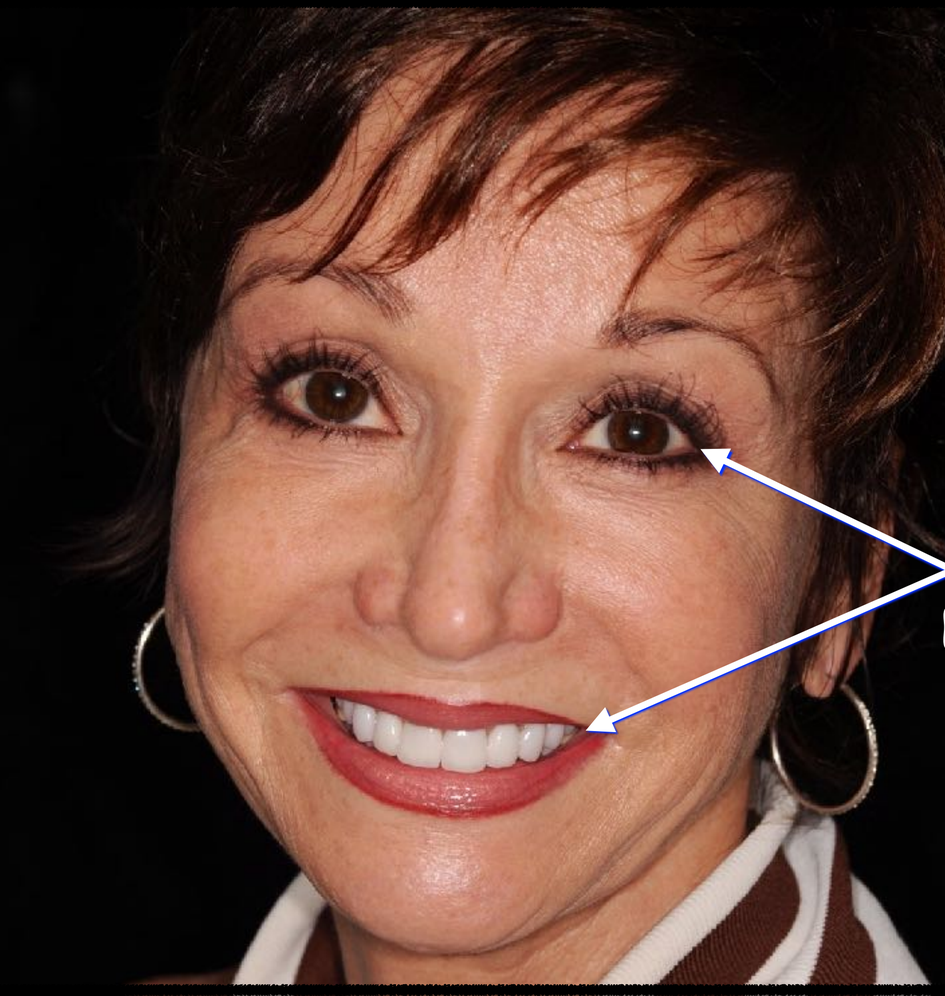
Tooth color blends with the sclera



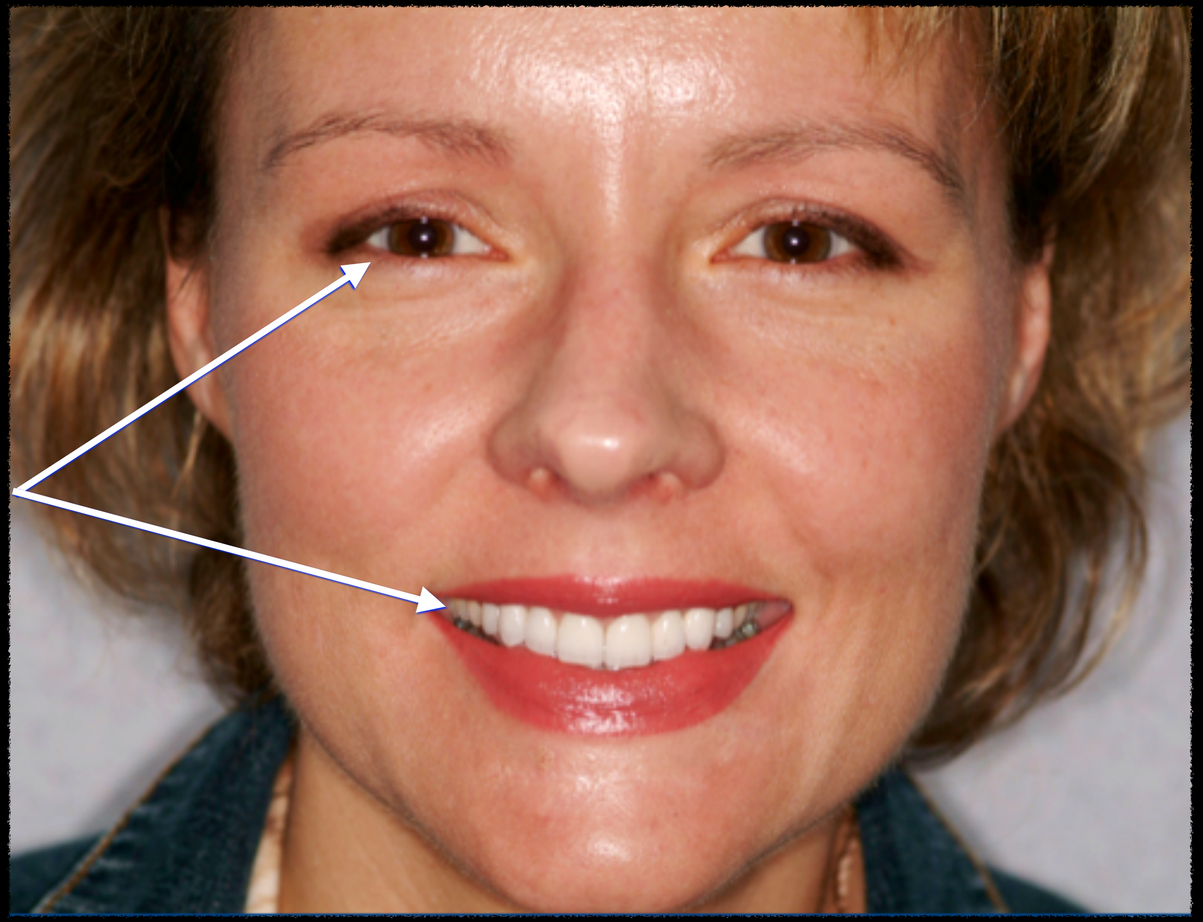
Pre-op

Final

JR



Tooth color much whiter then the sclera



JR

Pink esthetics

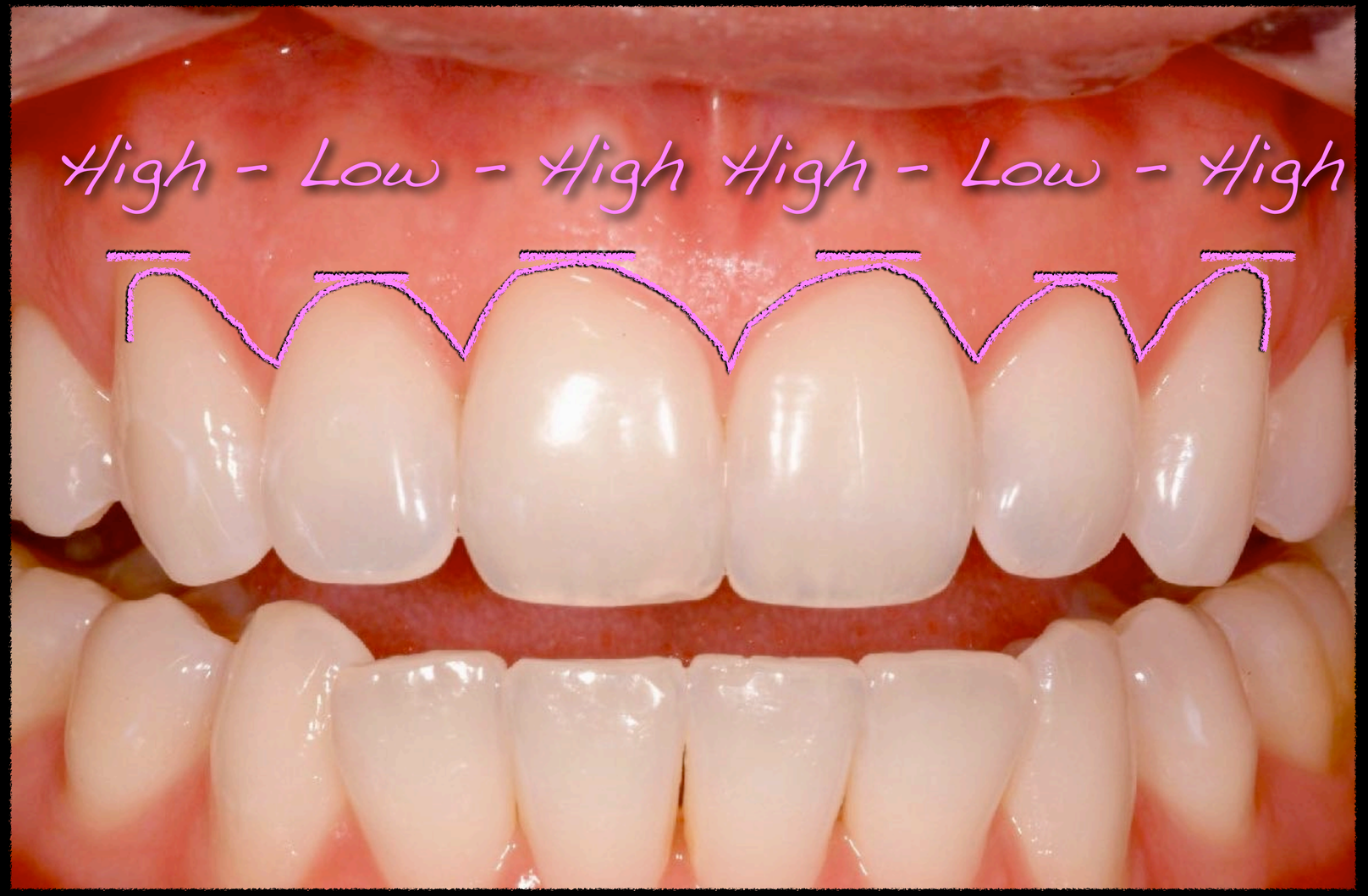
JR

Periodontal health

Pink Stippled Firm

JR

Relative gingival heights

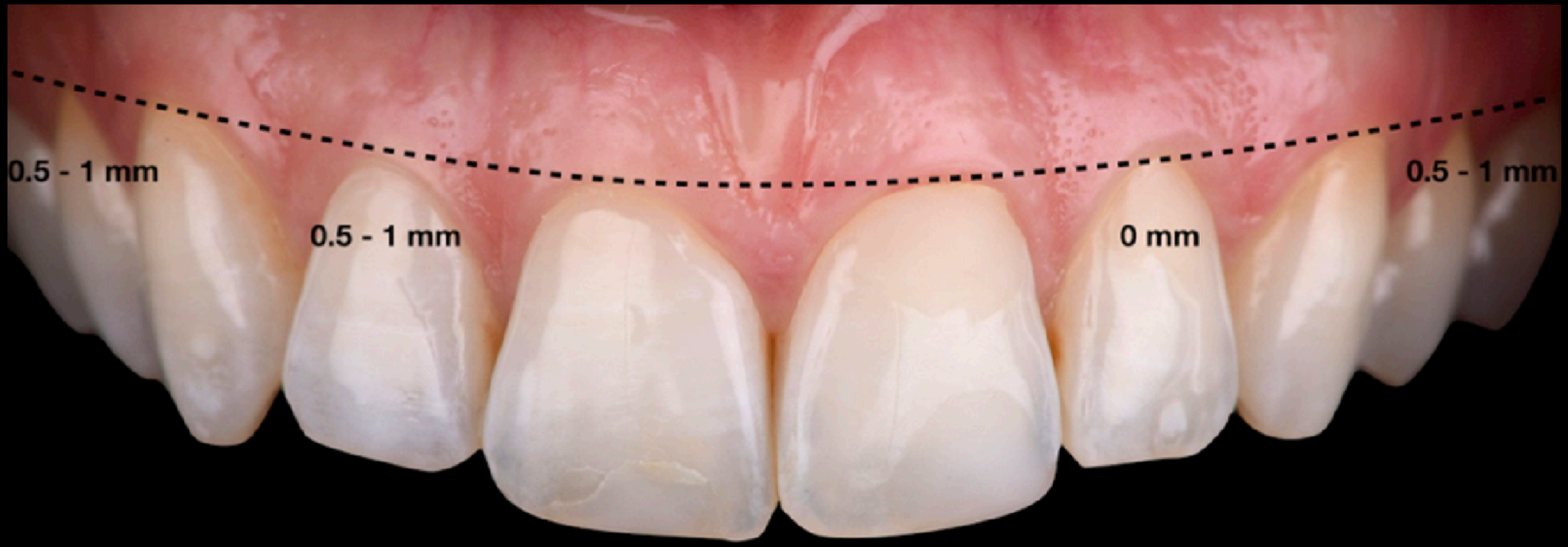


Ideal!

Gingival scaffold

JR

Relative gingival heights



JR

Relative gingival heights

Acceptable

Unacceptable

JR

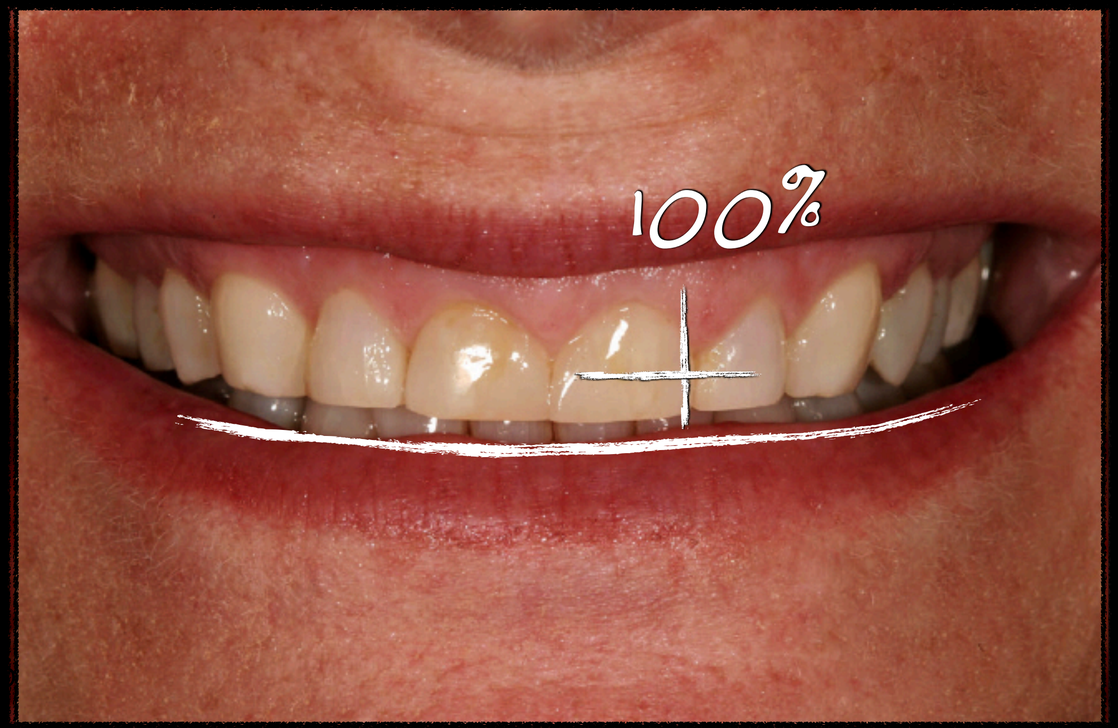
Evaluating gingival display versus tooth size/shape

At rest

Smile

JR

Evaluating gingival display versus tooth size/shape



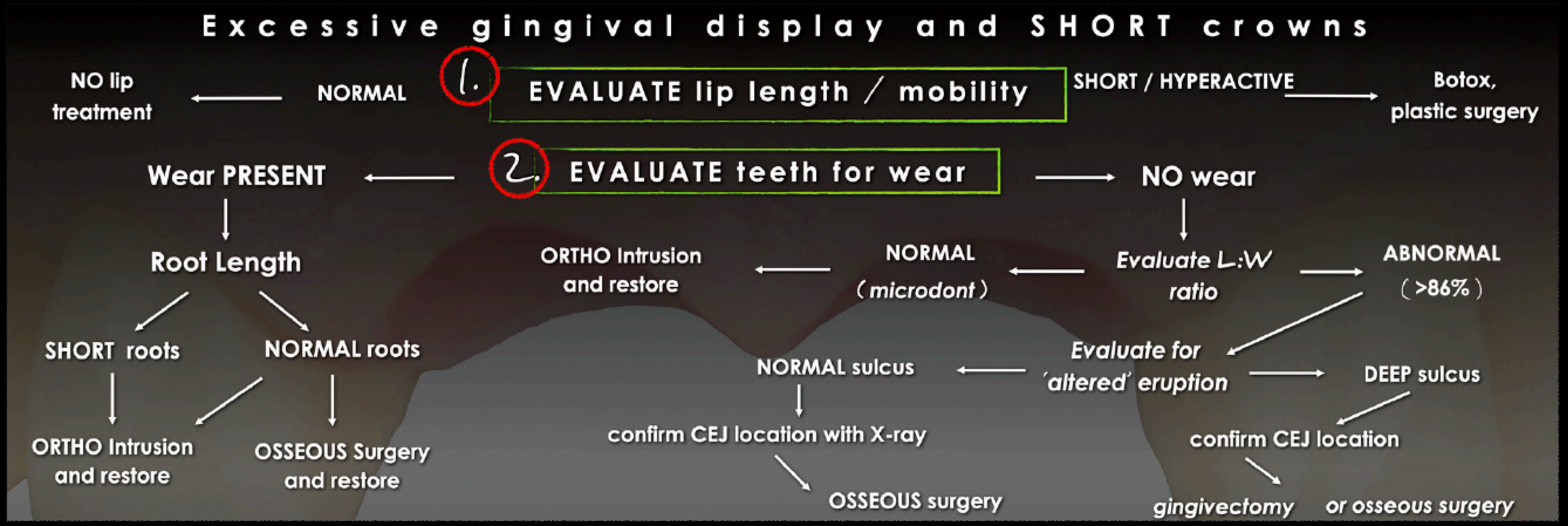
Identify desired incisal position

Determine length/width ratio

Then determine treatment options

JR

Evaluating gingival display versus tooth size/shape



Courtesy Spear Education

JR

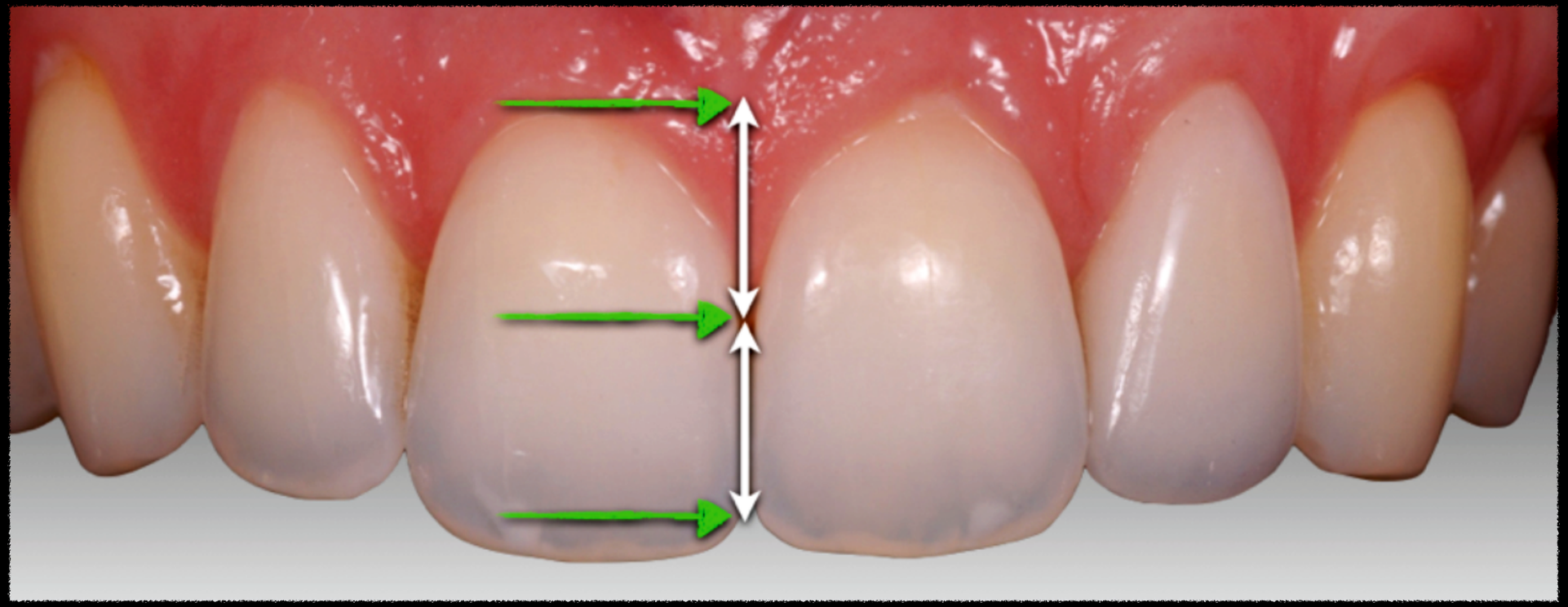
Periodontal relationships

Ideal positions

Symmetrical papilla relationships

JR

Periodontal heights



Typically
50/50

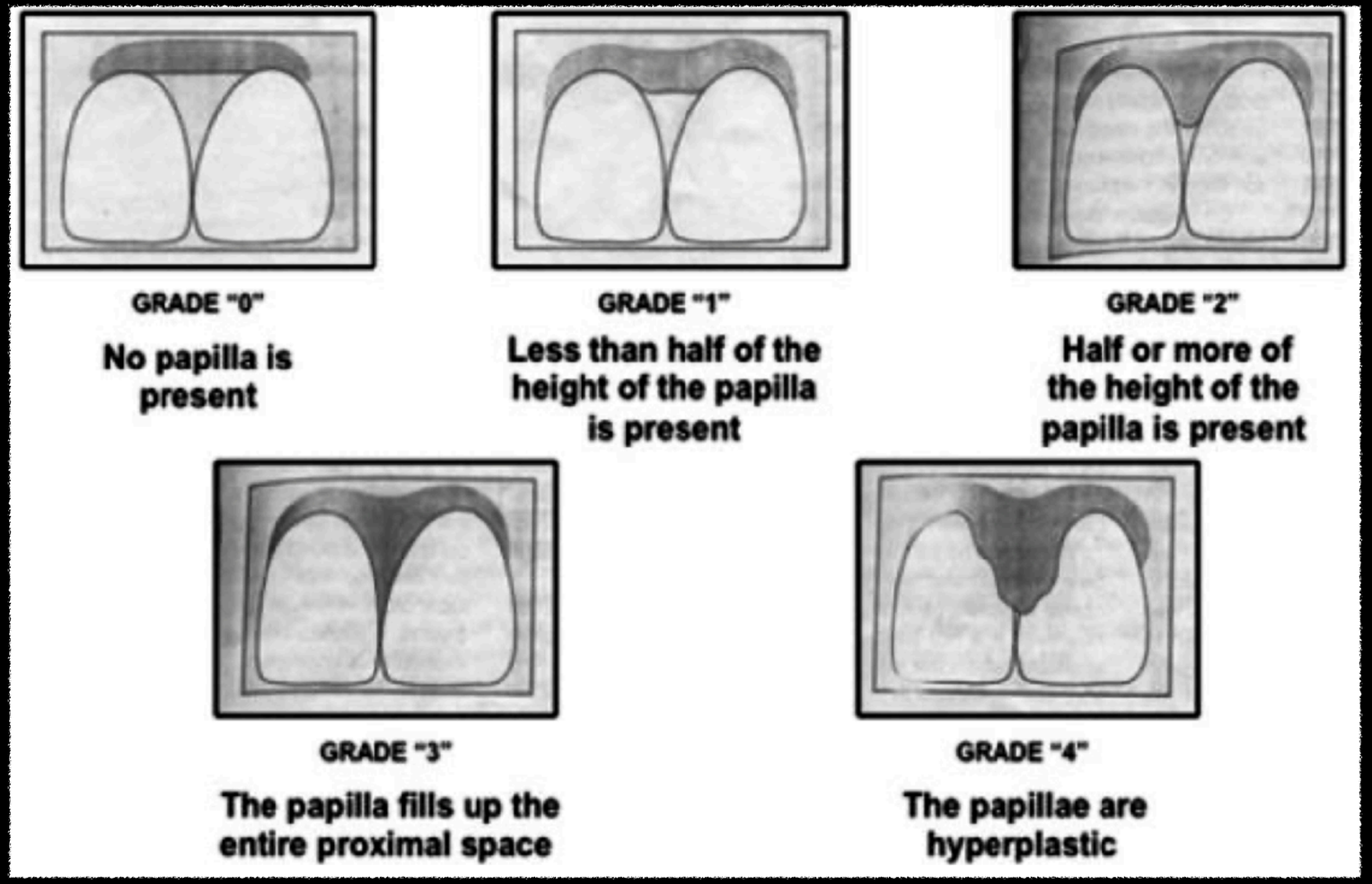
Abnormal papilla relationships

Worn teeth resulting in relationship between the papilla location and the teeth to be abnormal, i.e. too little tooth in relation to the tissue

Blunted papilla resulting in tooth to tissue relationship to be abnormal, i.e. too much tooth in relation to the tissue

JR

Papilla positions

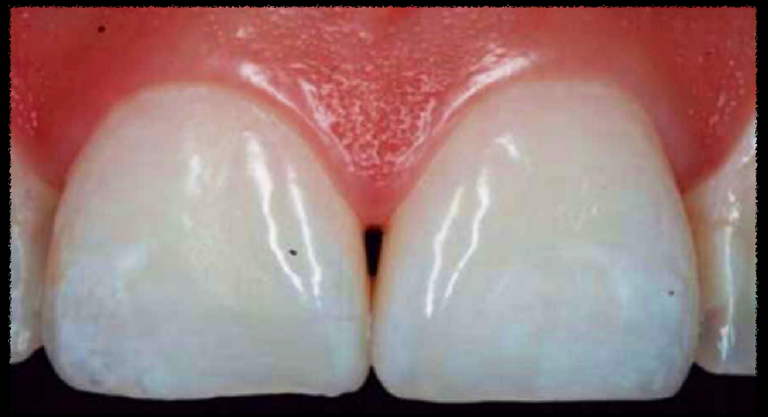


Jemt classification

Papilla positions

Grade 0

Grade 1



Grade 2

Grade 3

Ideal!

Grade 4

JR

Papilla positions

Tooth issue, gingival issue or both?

JR

White esthetics

Tooth size, shape, texture, symmetry, etc.

Tooth translucency

Tooth color, i.e hue, value chroma

Tooth/face relationship, i.e. canted, etc.

Tooth quality, i.e. decay, restorations, etc.

Pink esthetics

How much gingival tissue is visible?

Gingival symmetry

Lip shape and size

Papilla/black triangles

Black esthetics

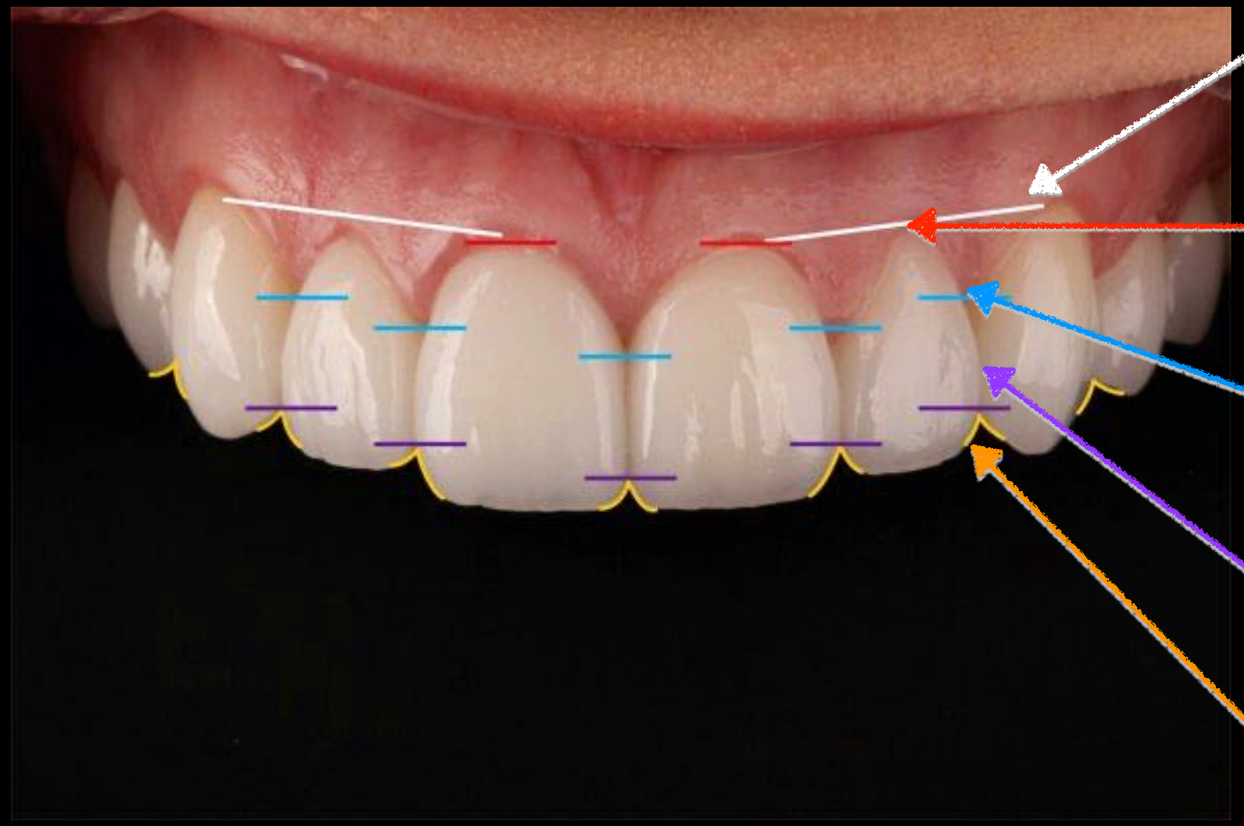
Missing teeth

Collapsed buccal corridor

Dark restorations

JR

Smile summary



Soft tissue relationships

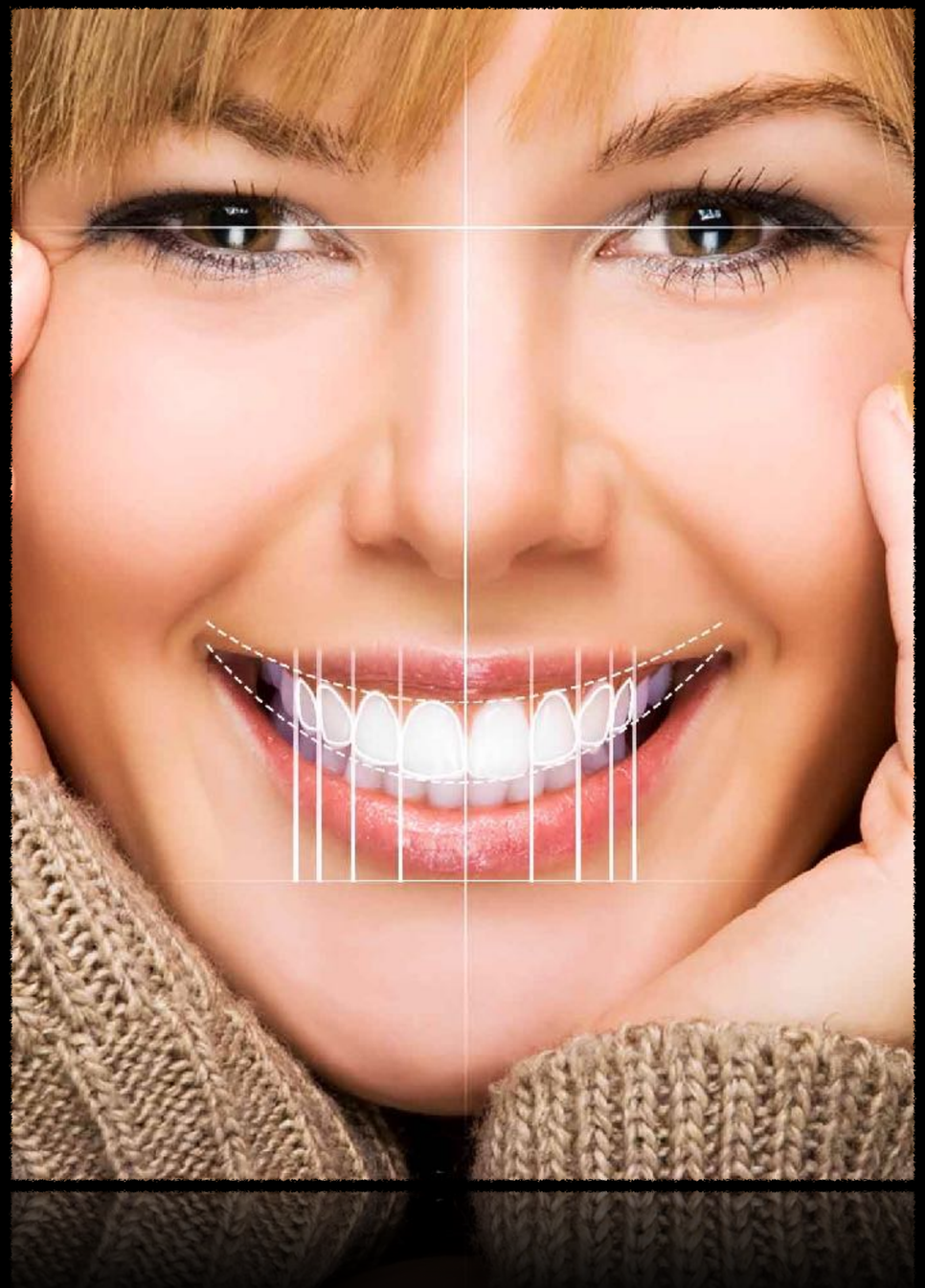
JR

Visualize the end!

Esthetic design

Before you begin

JR



Smile Design ALWAYS starts by determining where the the smile (teeth) fit in the face!

JR

In order to *design* and then *treatment plan* for any comprehensive esthetic cases, you have to evaluate and correct tooth position; in the right order!

JR

The good news is you already learned how to determine the correct tooth position, as well as the order to create that correct position back in dental school!

How??, you say

JR

The DENTURE!!

JR

All the maxillary teeth are positioned based on Maxillary sets; set up how the teeth fit in the face!

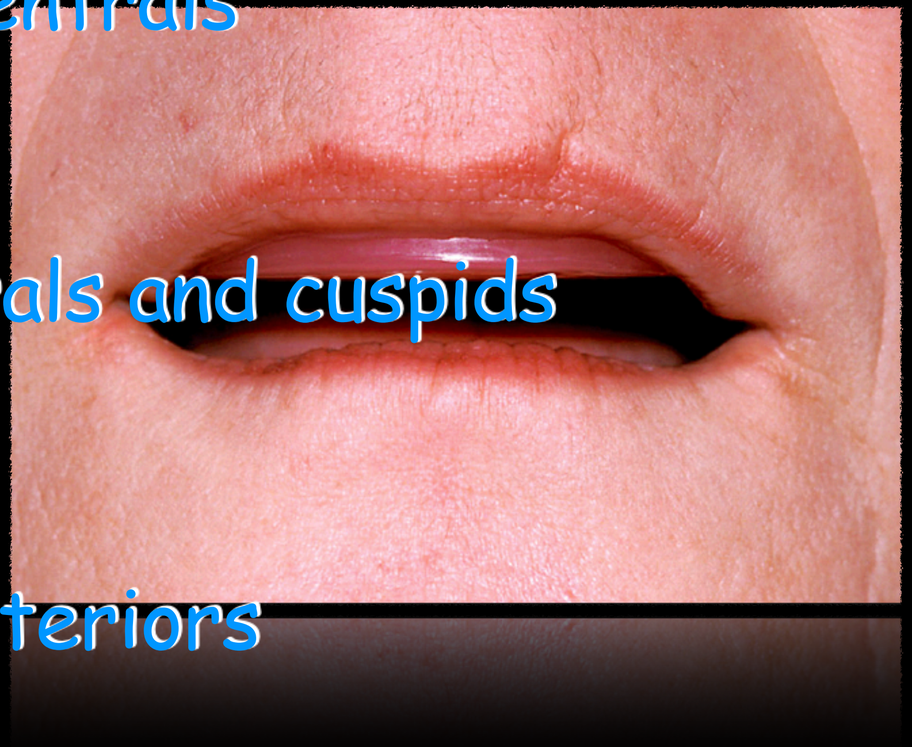
Set maxillary centrals

↓

Set maxillary laterals and cuspids

↓

Set maxillary posteriors



Mandibular set up

Set lower incisors against the palatal of the maxillary anteriors

↓

Equals new VDO and determines overjet/over bite

↓

Set mandibular posteriors

Pearl #3 to remember!

For all esthetic and functional cases design, treatment plan, and set up starting from the upper centrals!

JR