Design summary!

Determine incisal edge position

Set anterior position, then posterior position

Set up the lower position based on desired overbite/jet

Evaluate occlusal/functional issues, e.g. wear patterns

Evaluate structures, e.g. hard/soft tissues

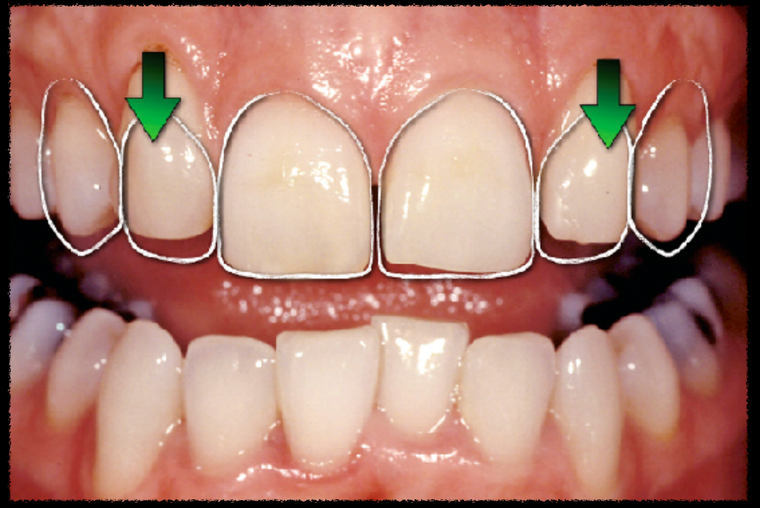
Develop treatment plan, e.g. restorative, perio, etc.

Develop final esthetic plan, e.g. tooth shape, color, texture, etc.

Design where the smile (teeth) fit in the face

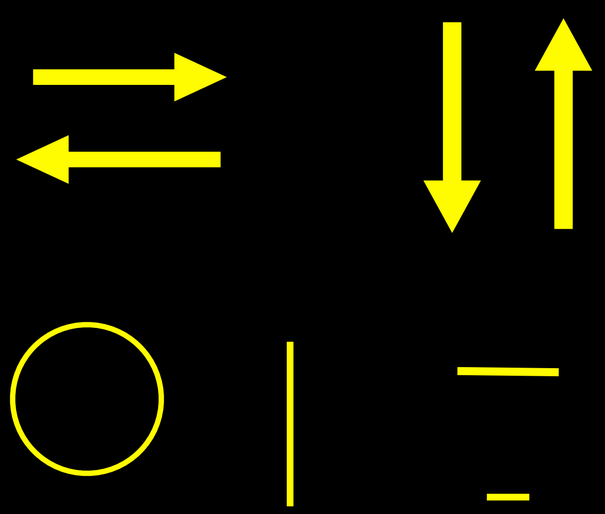
Smile design templates assist in determining where the anterior teeth should be positioned

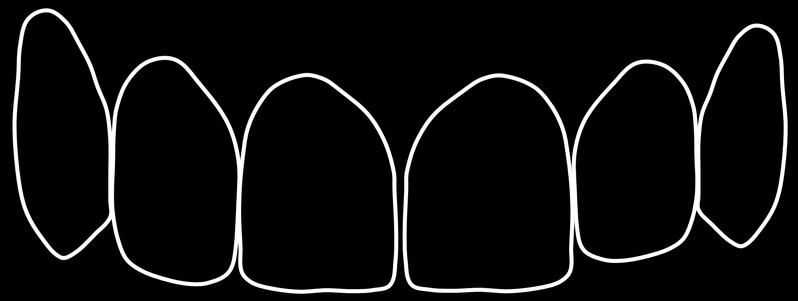
Here?

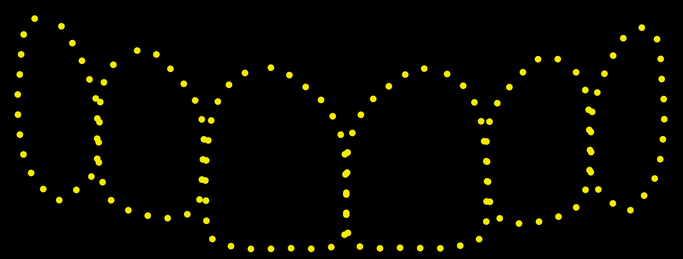


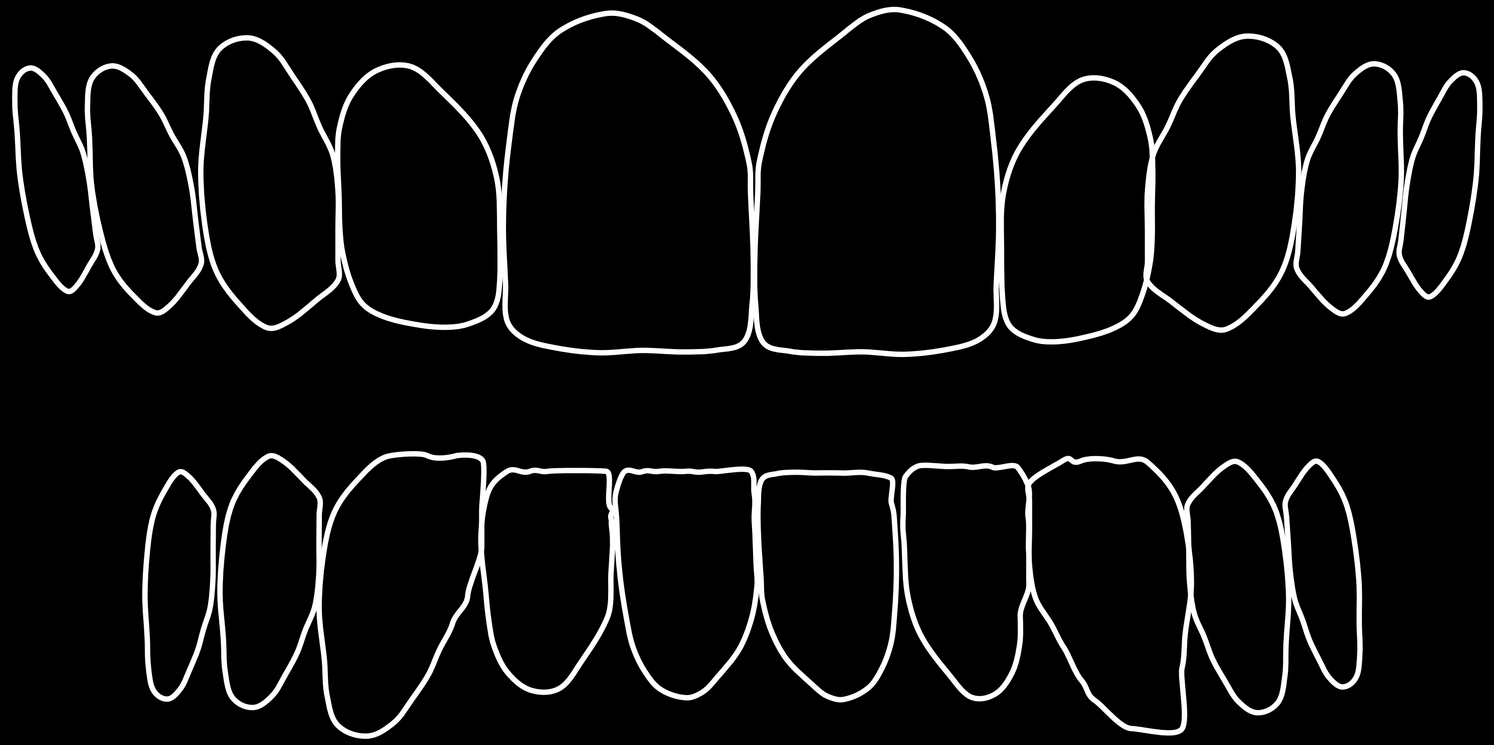
Here?

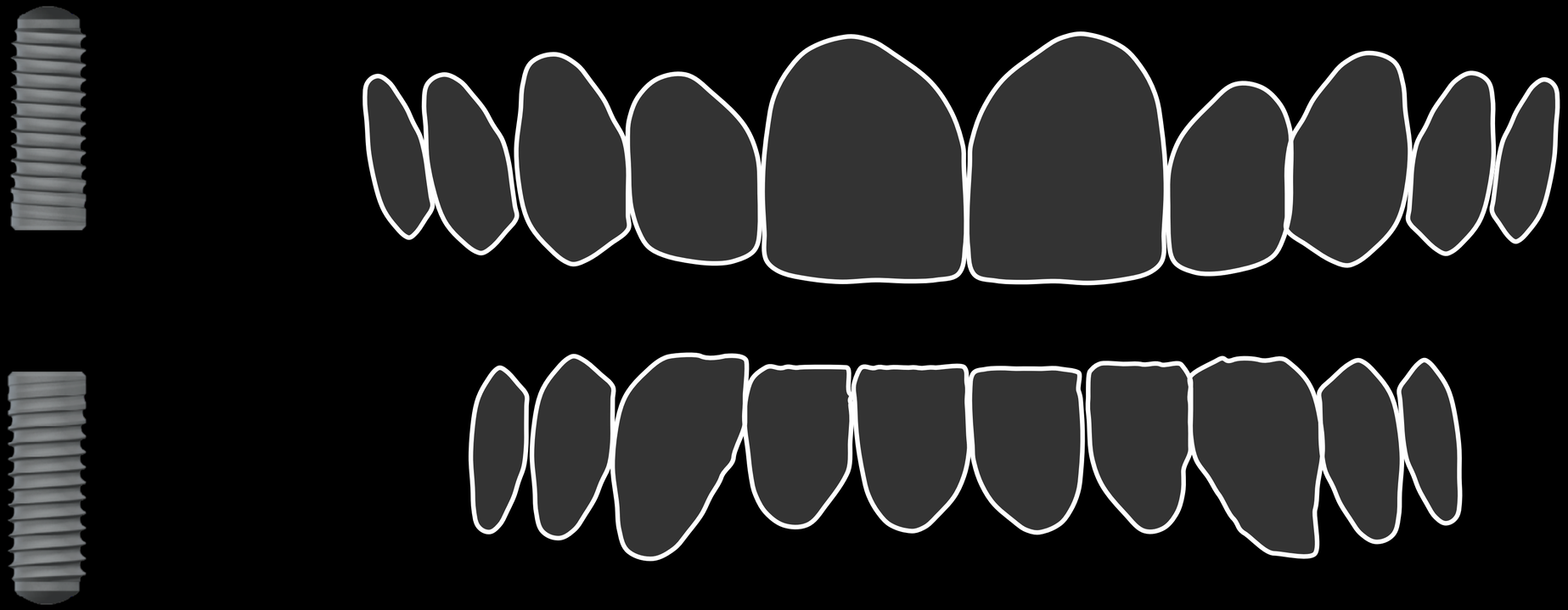
Template tools

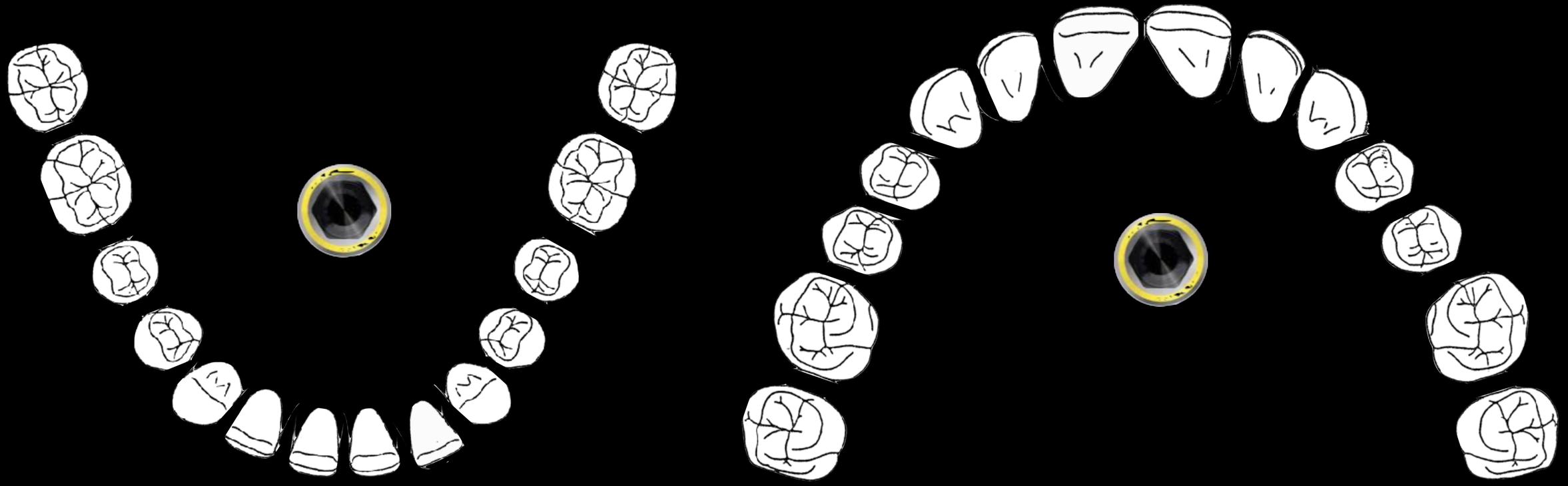






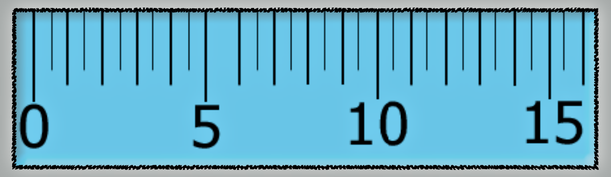




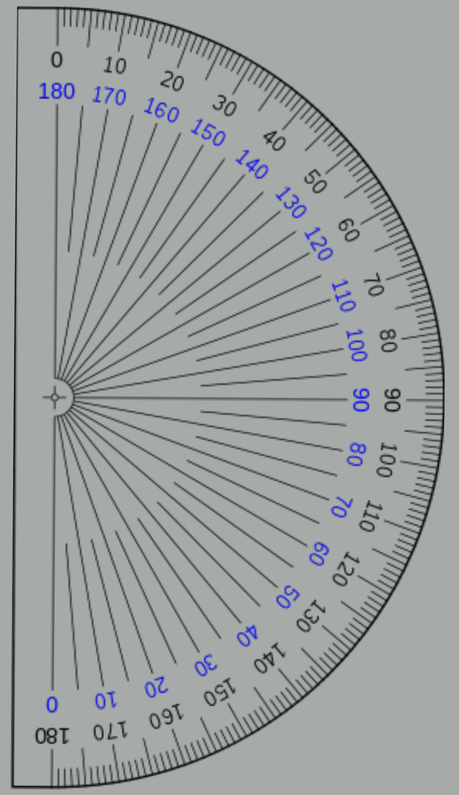


JR

Rulers



Protractor



JR

Smile design template

Gummy smile

Collapsed buccal arch

Incisal plane too coronal

Asymmetrical gingiva

Disproportionate teeth

JR

Smile design template

Existing

Smile design template

Existing

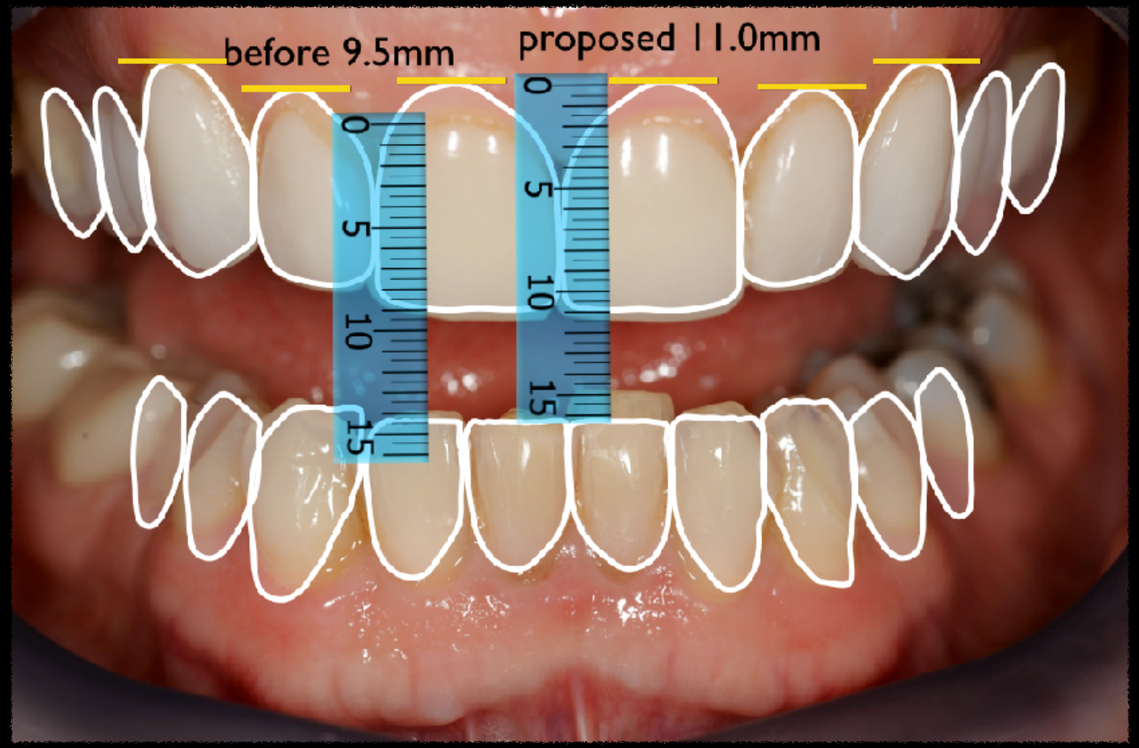
Smile design template

Existing

Smile design template

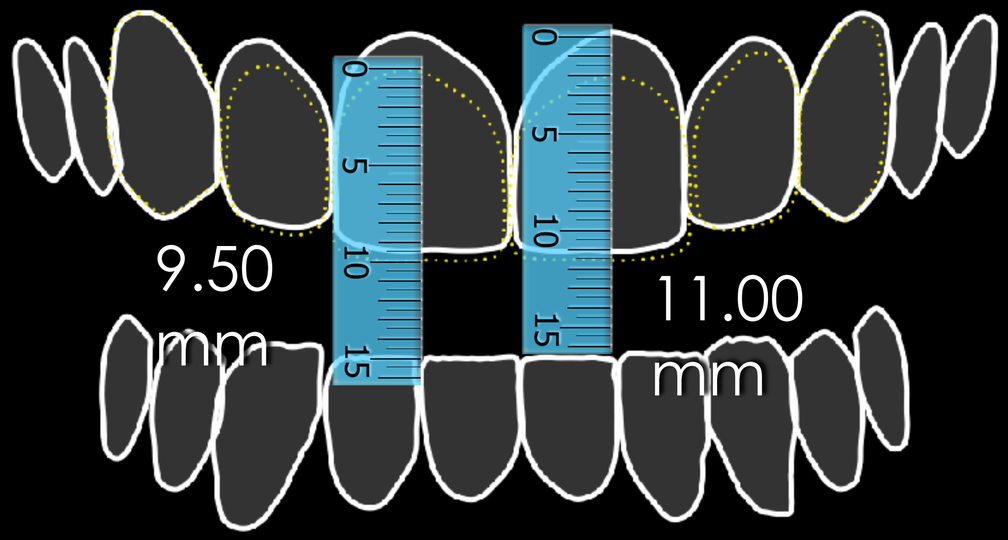
Proposed

Smile design template



Proposed

Smile design template



Proposed

Computer simulation

JR

Computer simulation

Before

Restorative only

Restorative and perio

JR

Computer simulation

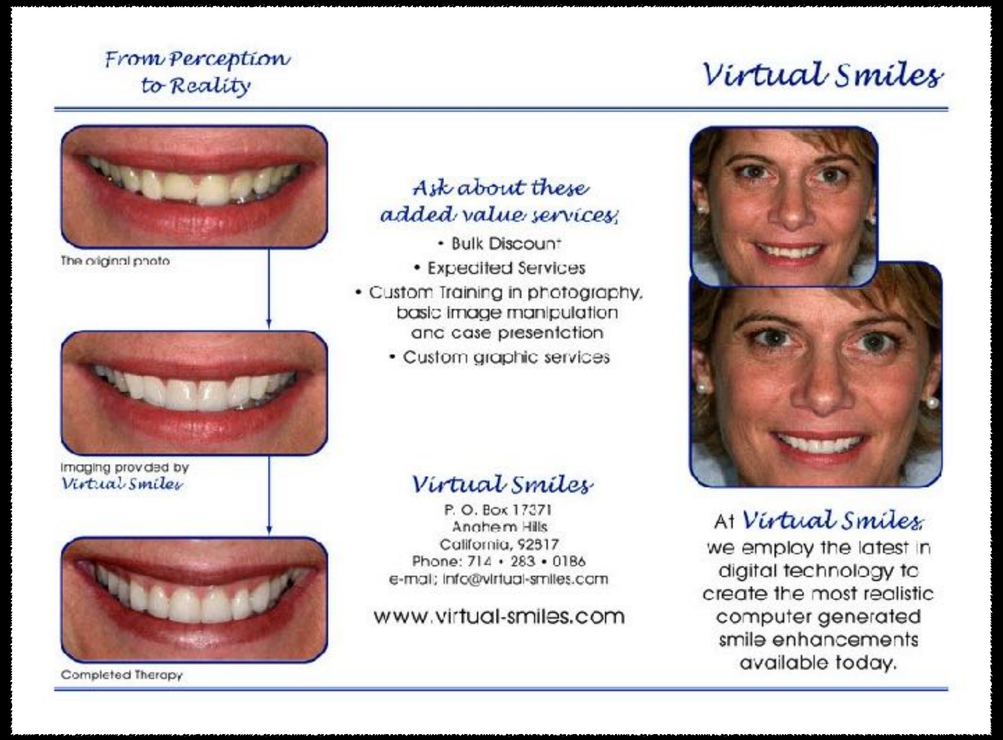
Before

Simulation

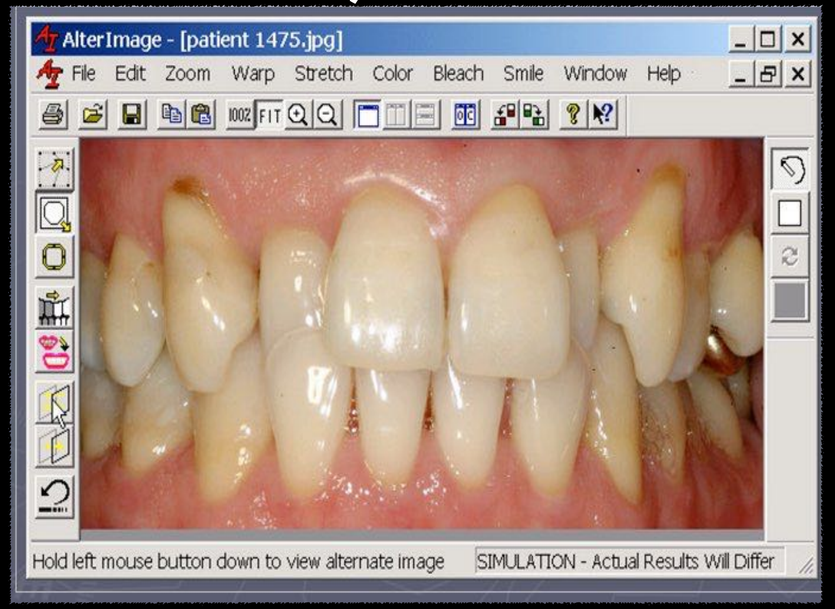
JR

Computer simulation

Outsource it



Do it yourself

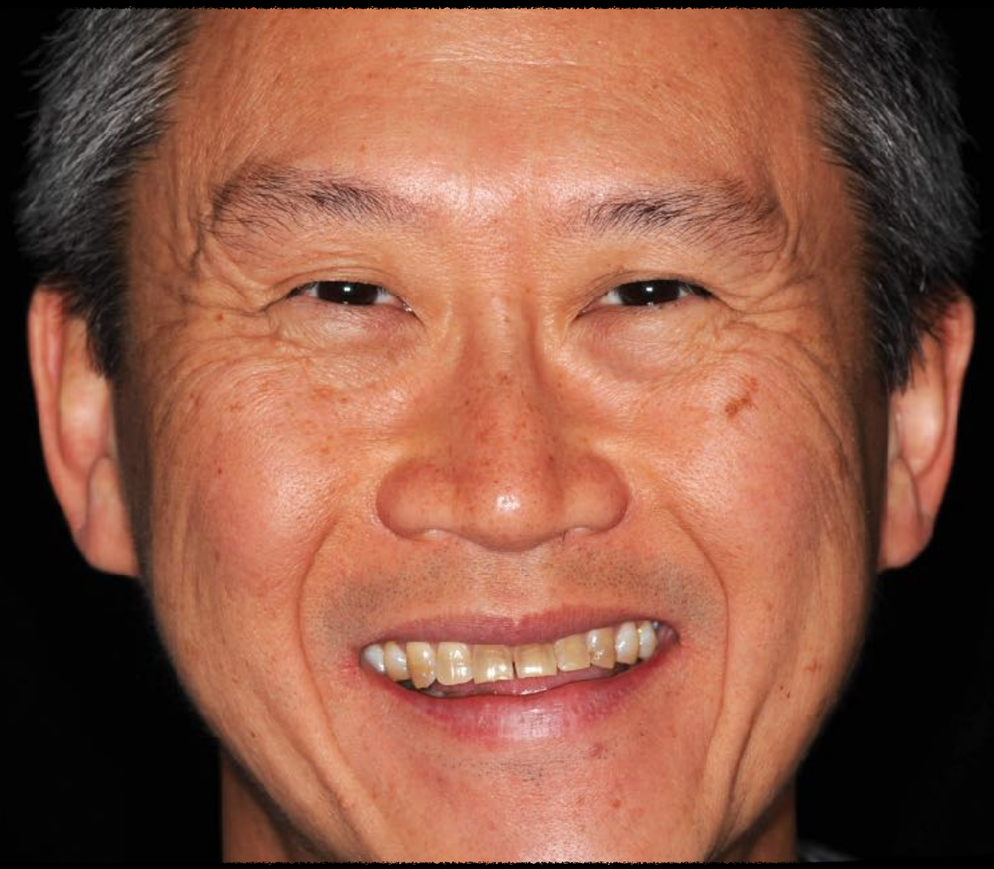


Simulated Closure Diastema

AlterImage simulation software (PC only!)

JR

Esthetic design



Asymmetrical mandible (why?)

Canted incisal plane

Flat incisal plane

Severe tetracycline staining

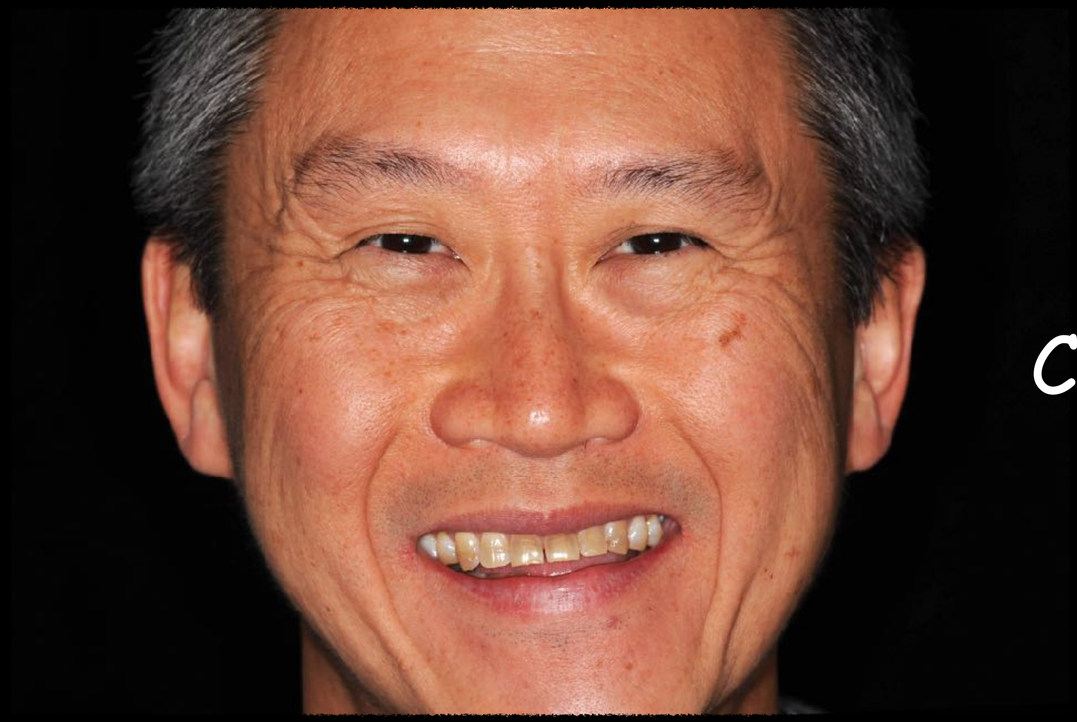
JR

Esthetic design

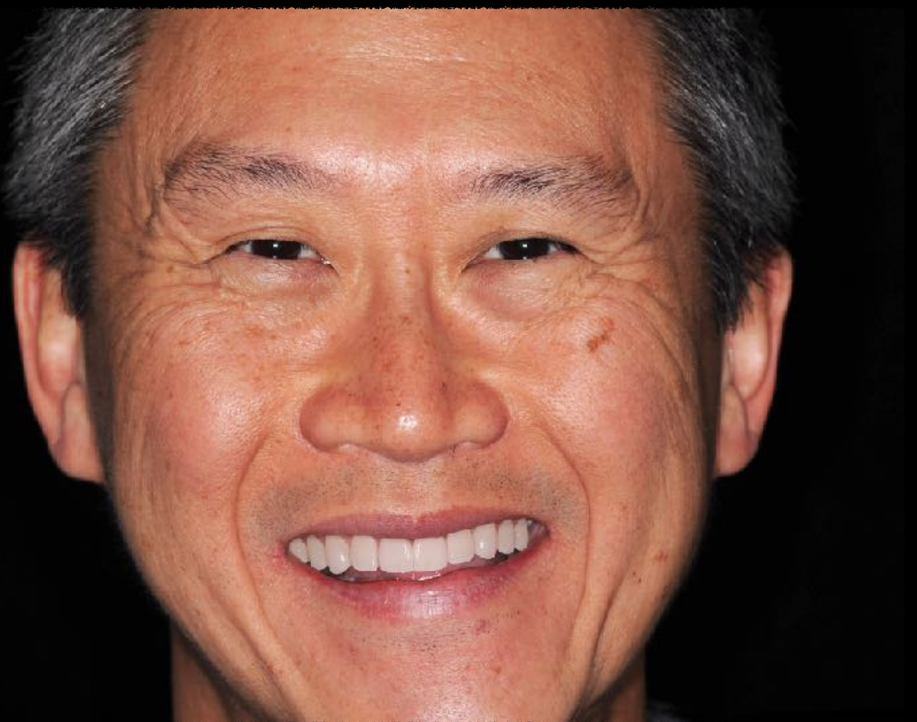
JR

Smile design template

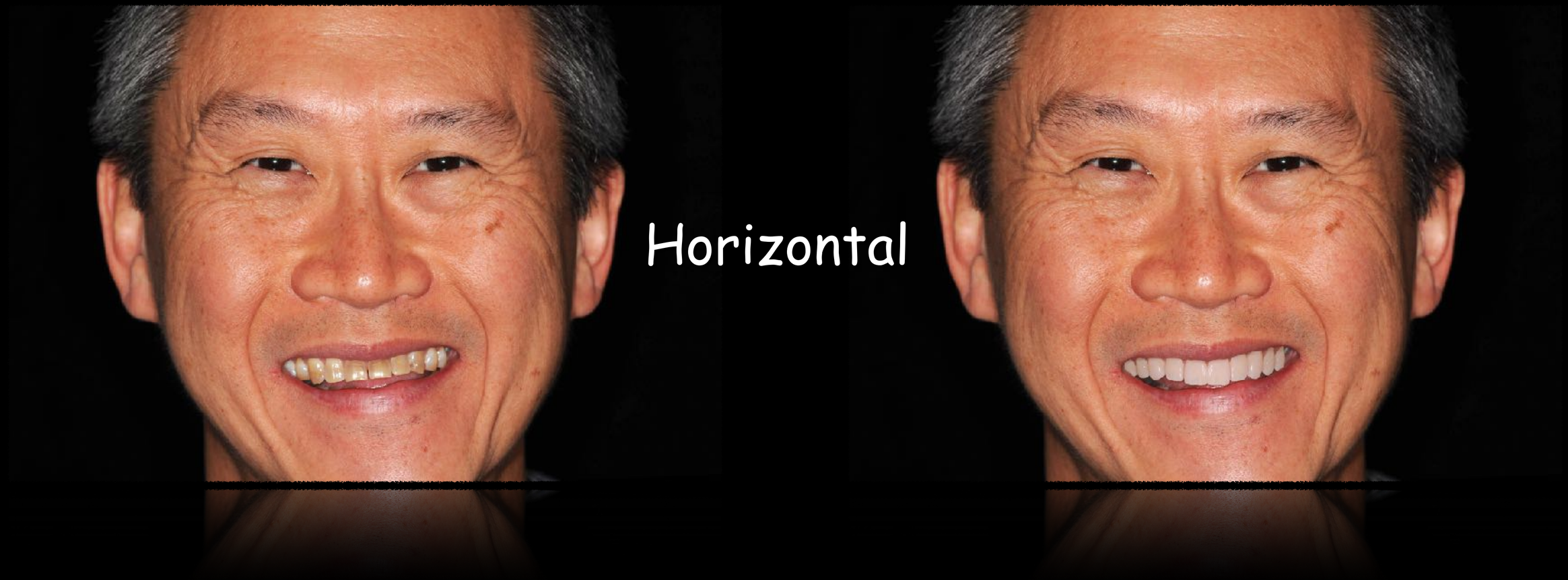
Computer simulation



Canted

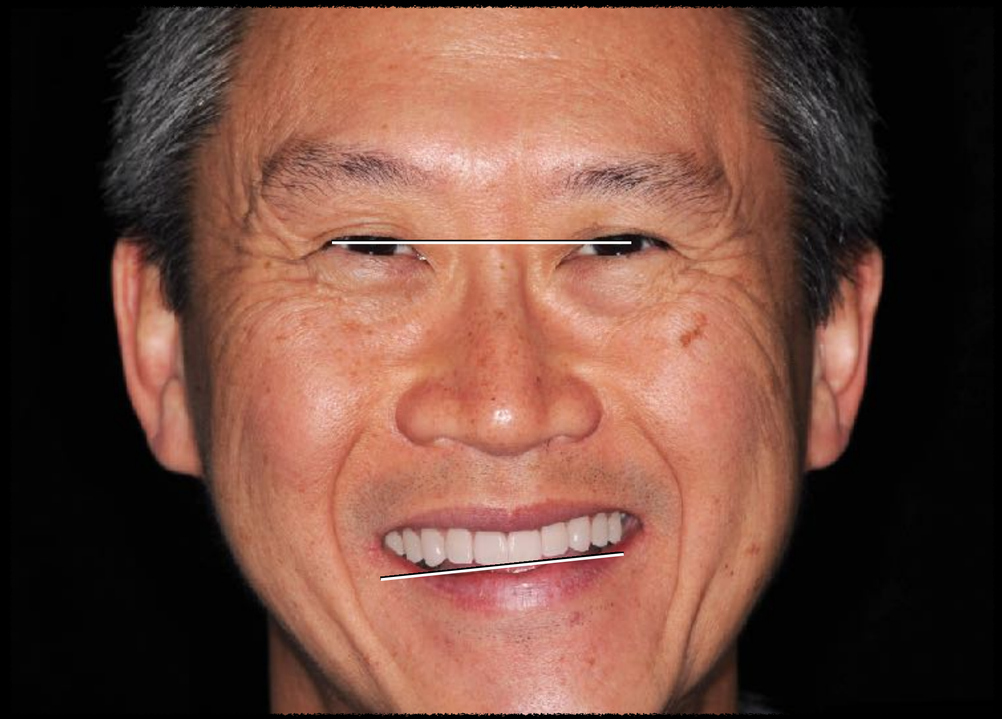


Computer simulation

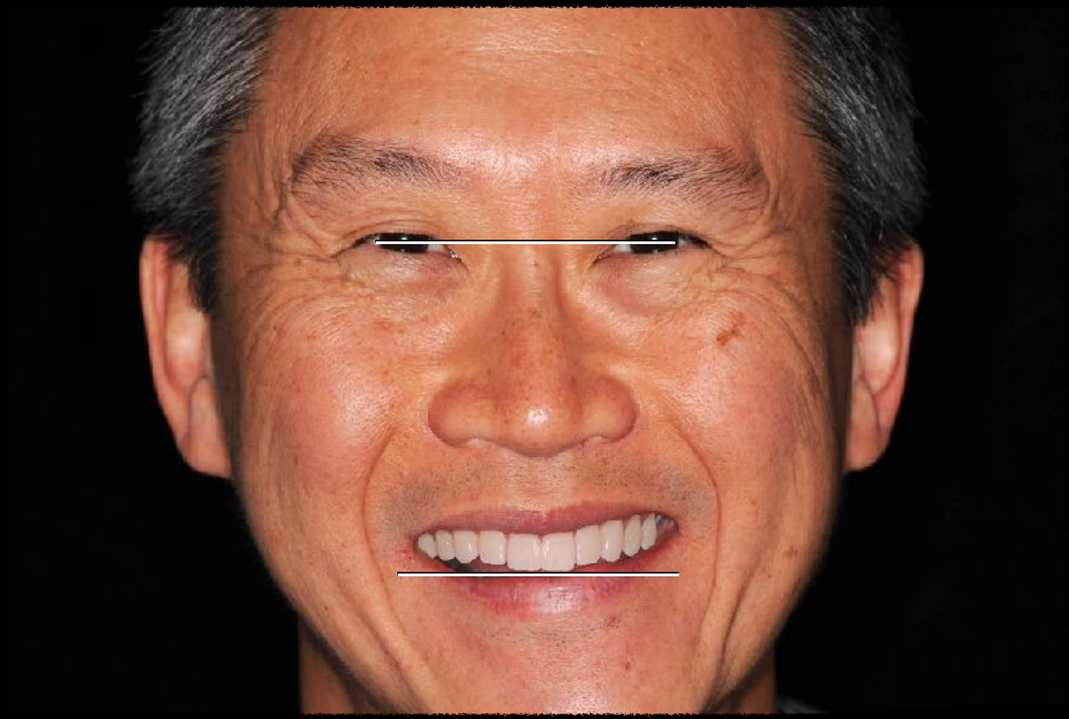


Horizontal

Computer simulation

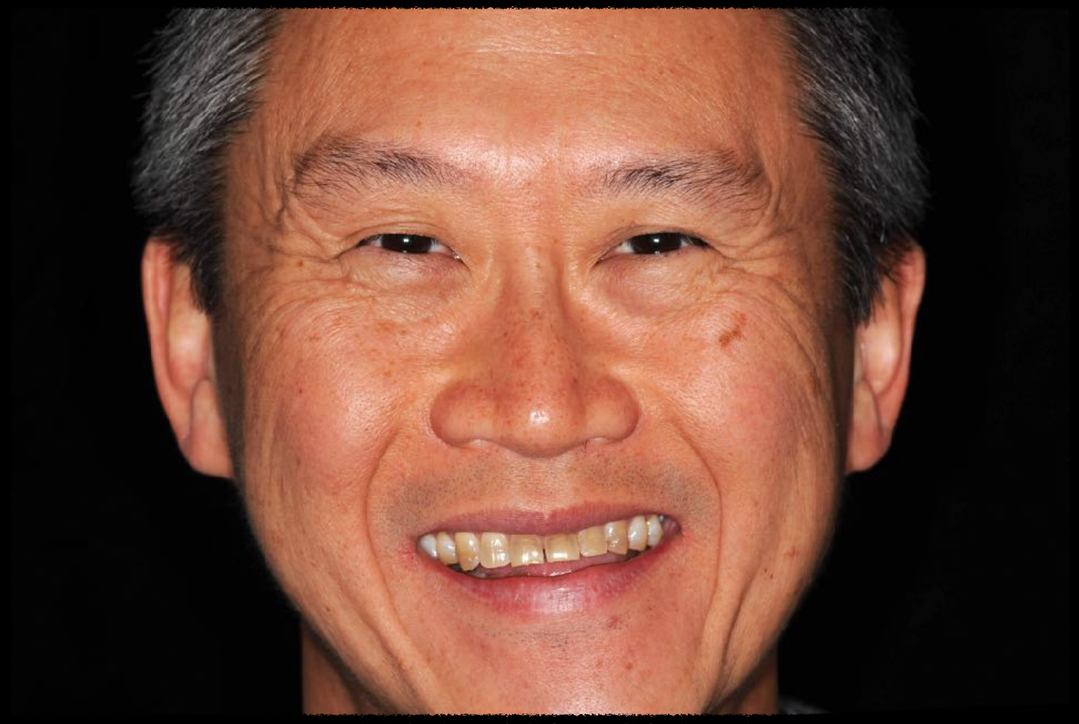


Canted - 8 degrees

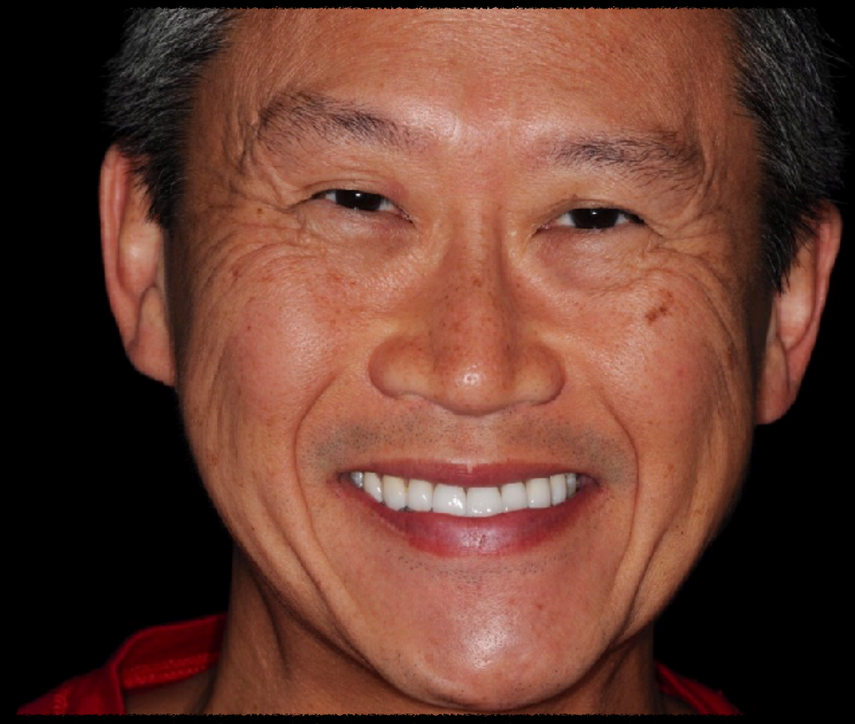


Horizontal - 0 degrees

Final case



Before



After

JR

Computer simulation

Desires whiter veneers

Need slight lengthening

Need to improve the buccal corridor

Lynn ~ case example

Desired esthetic goals

Lengthen incisal edge approximately 1.0mm

Fill the deficient buccal corridor

Redo and create natural but "white" restorations

Lynn ~ case example

Esthetic design

digital ruler

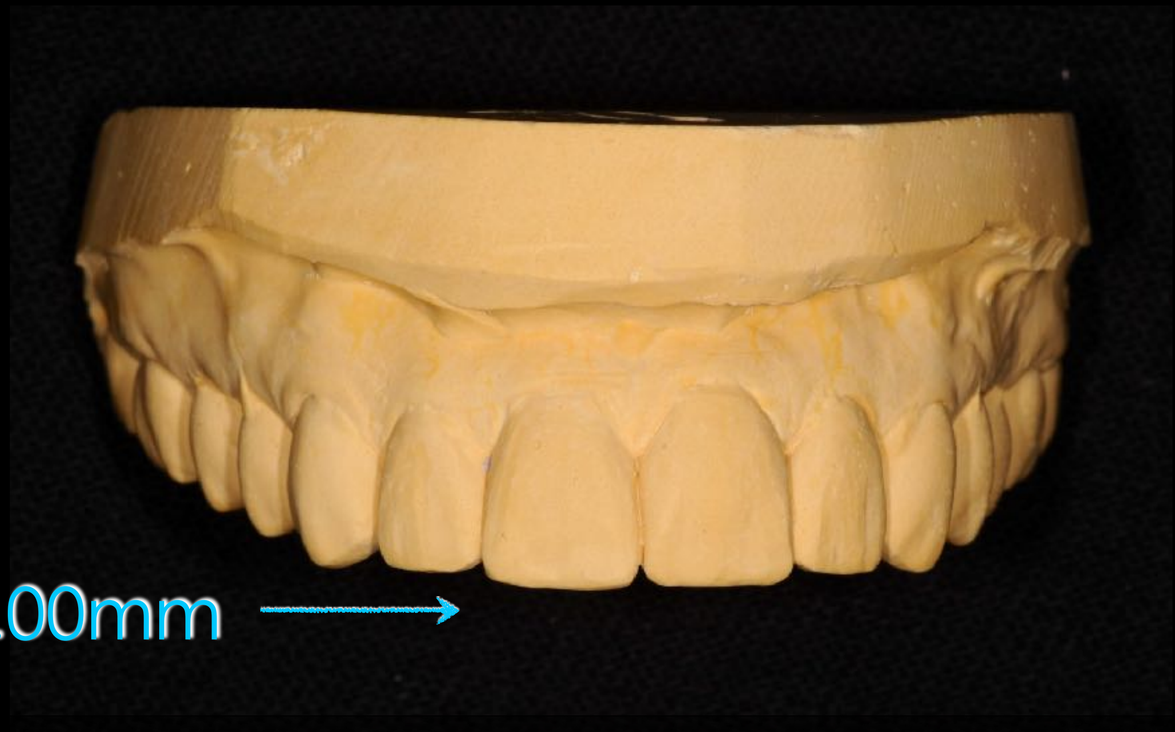
Lynn ~ case example

Esthetic design

digital ruler

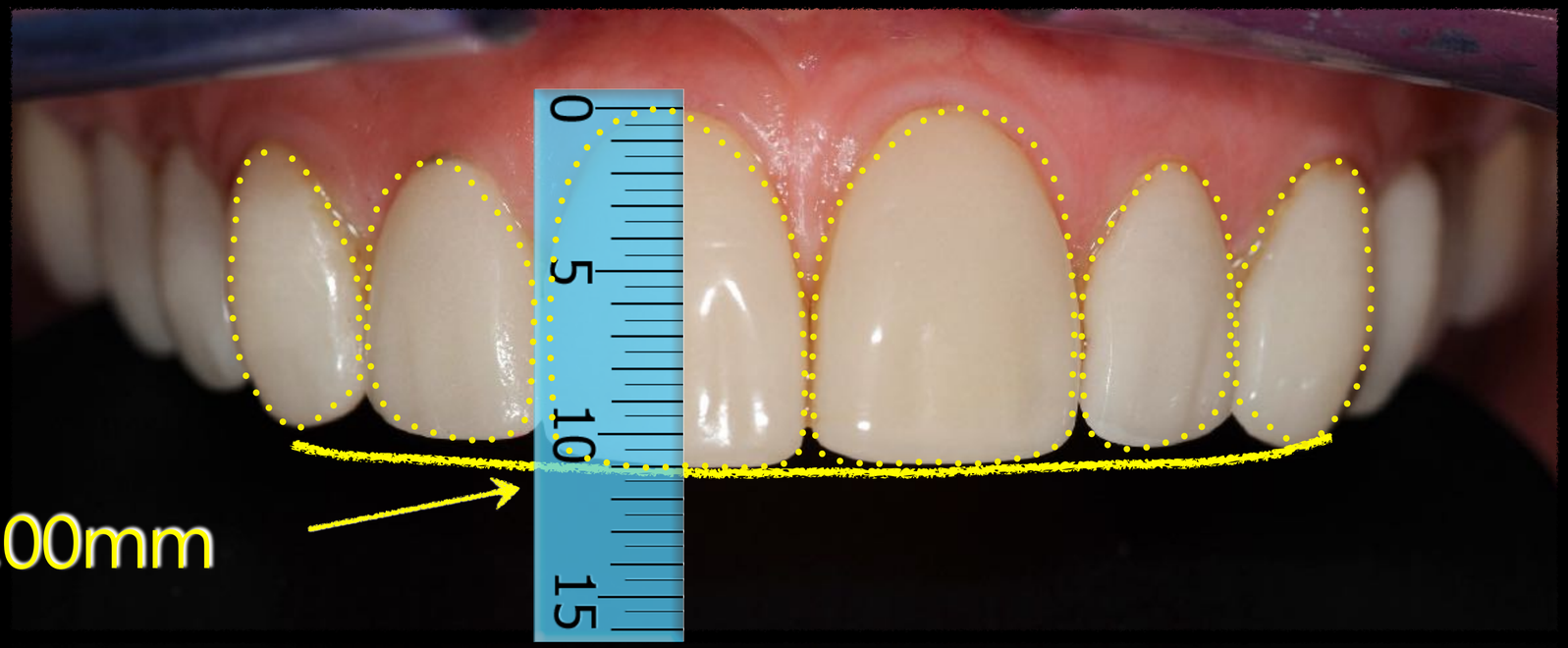
~~digital ruler~~

digital ruler calibrated



Lynn ~ case example

Smile design template

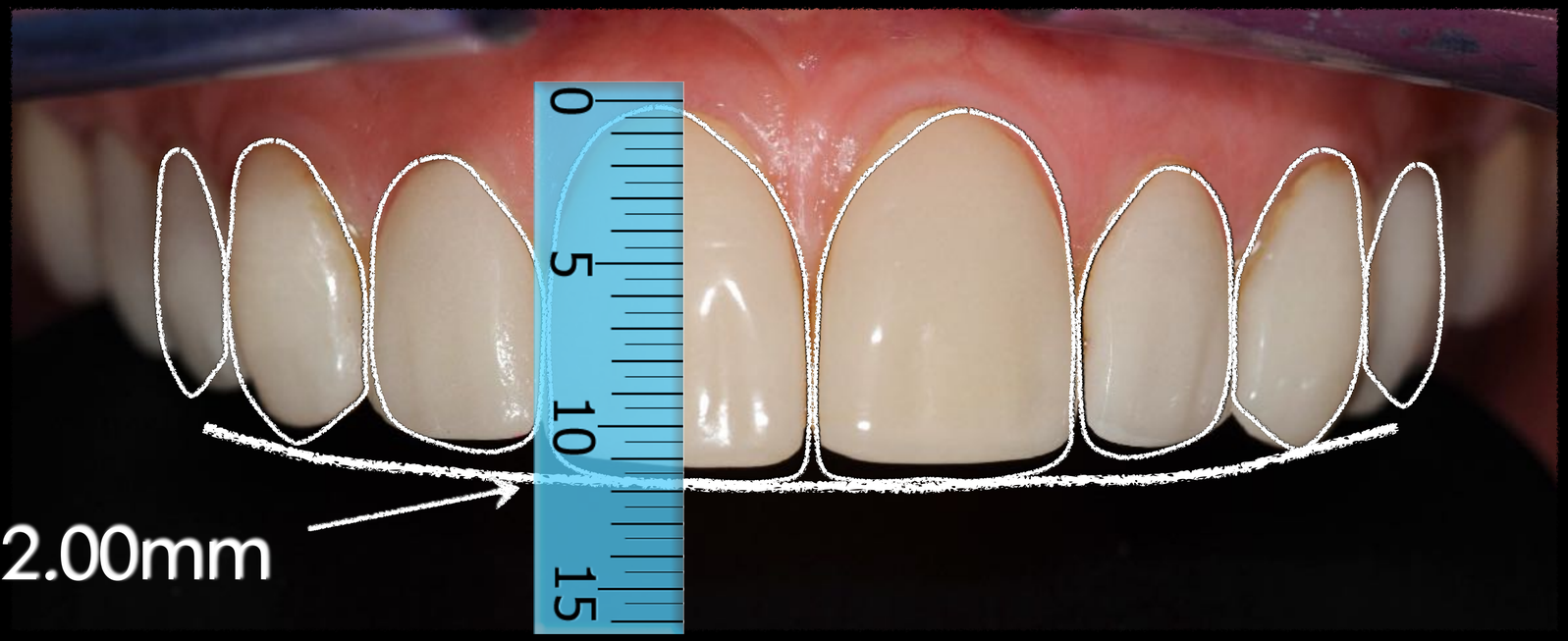


Existing

Lynn ~ case example

JR

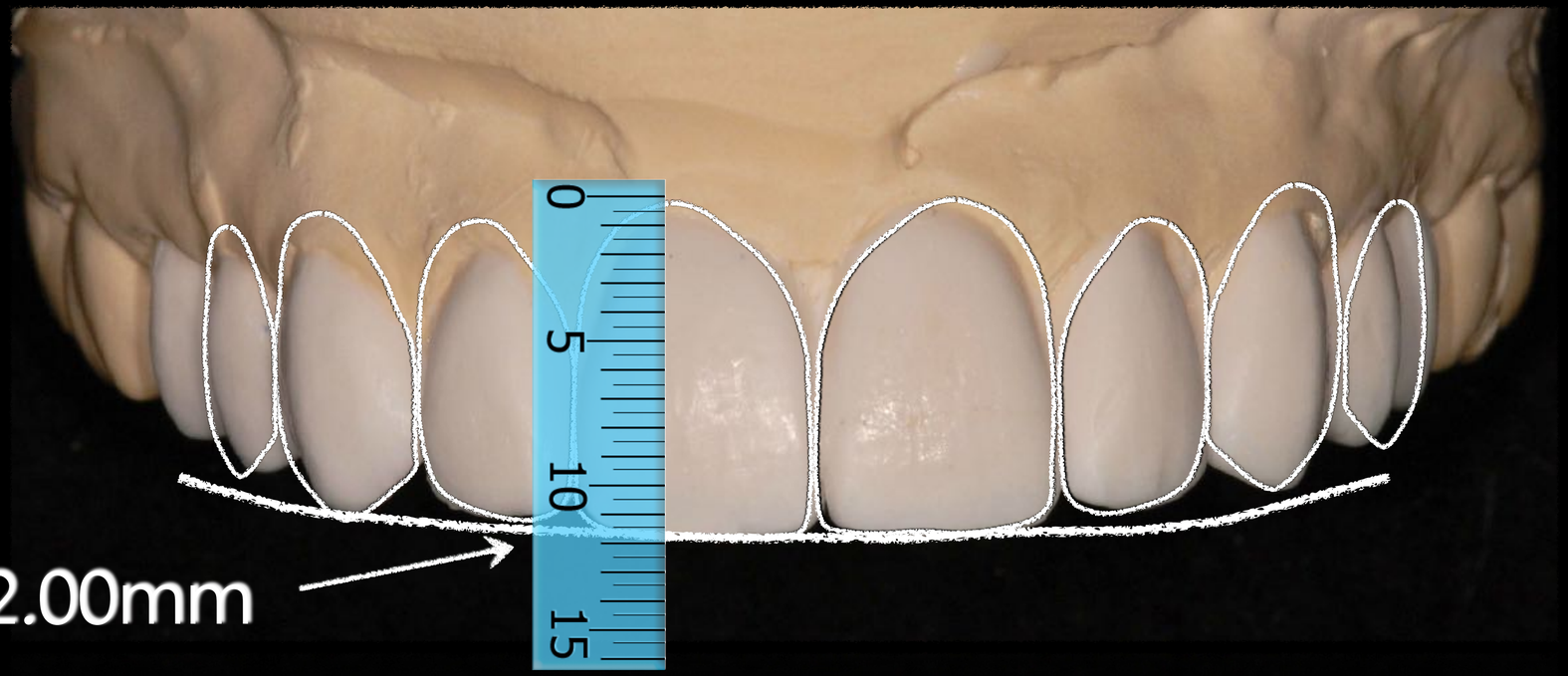
Smile design template



Proposed

Lynn ~ case example

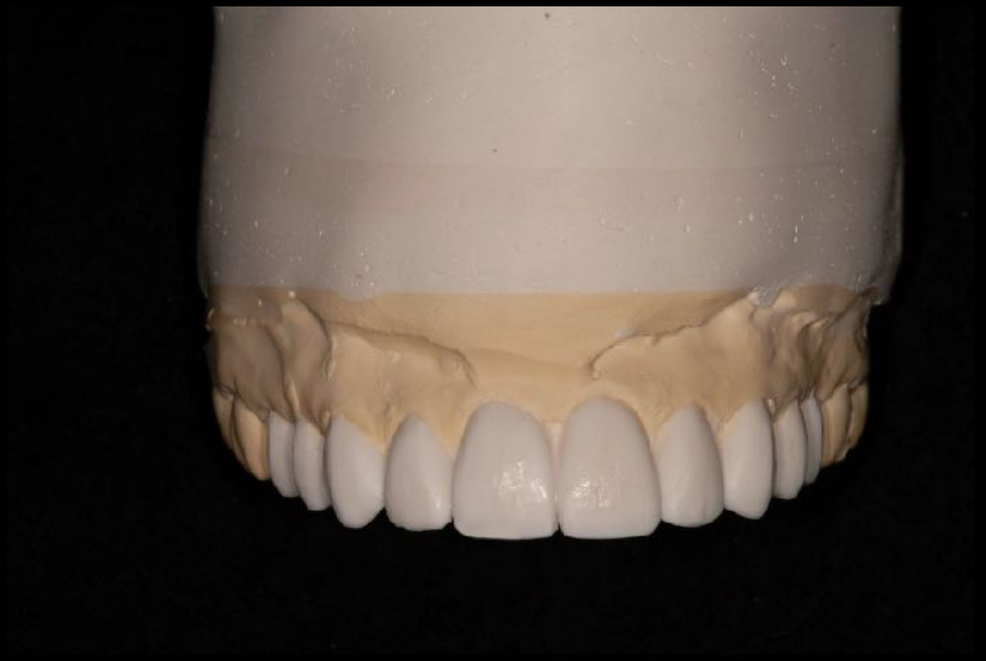
Smile design template

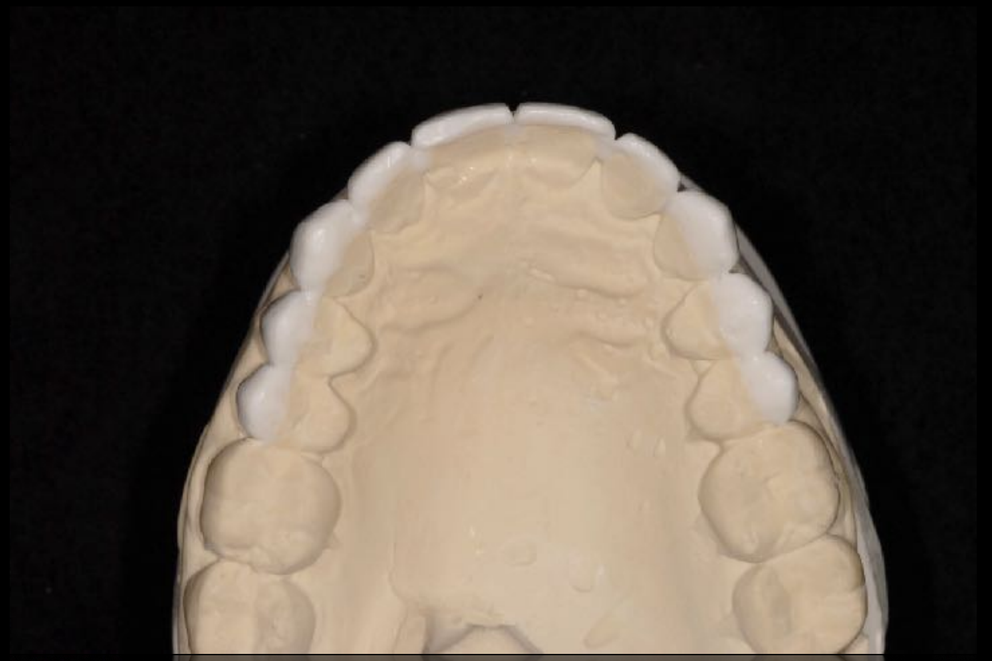


Proposed wax-up

Lynn ~ case example

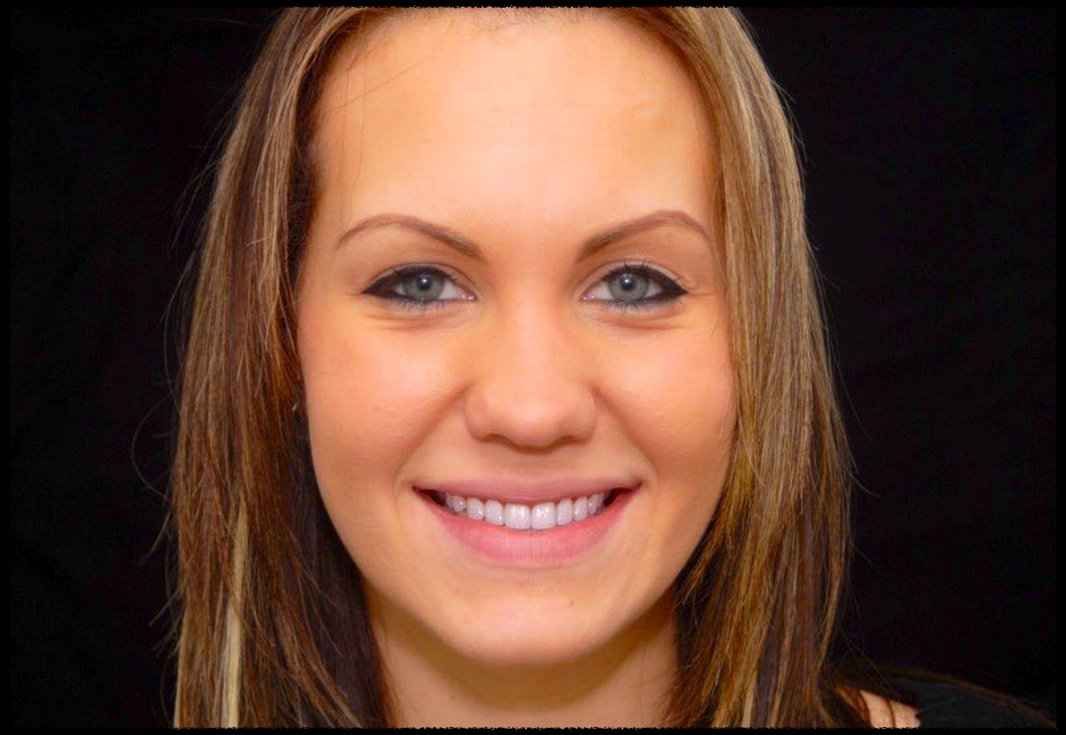
Upper diagnostic wax-up





Lynn ~ case example

Computer simulation



Desires closing diastema

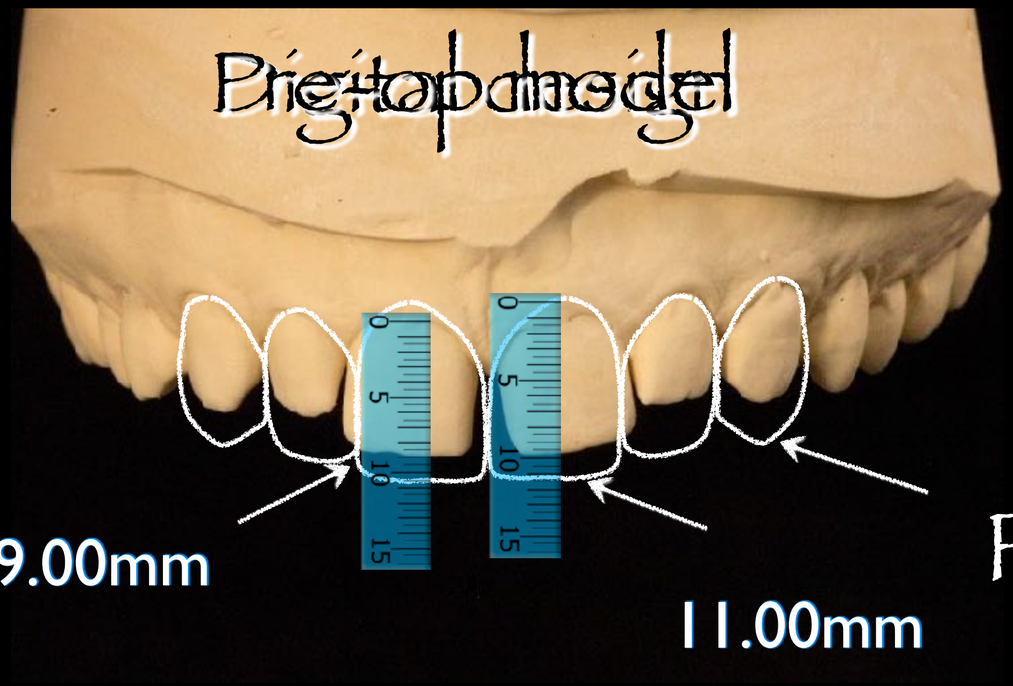
Desires whiter teeth

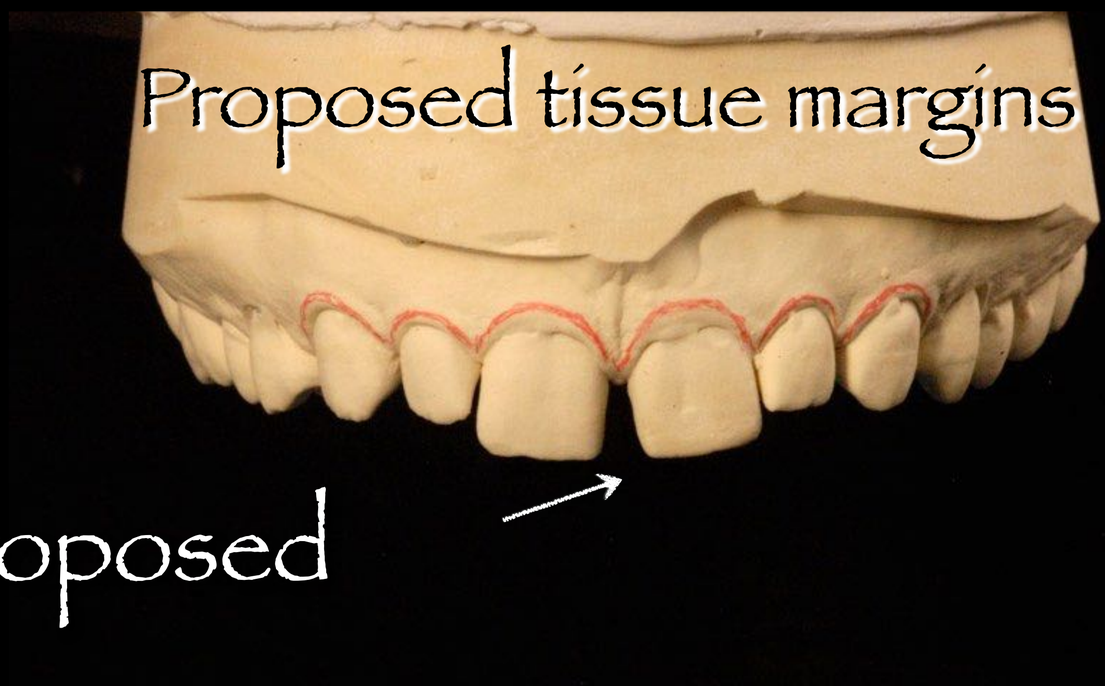
Desires the teeth to be longer

Pre-op

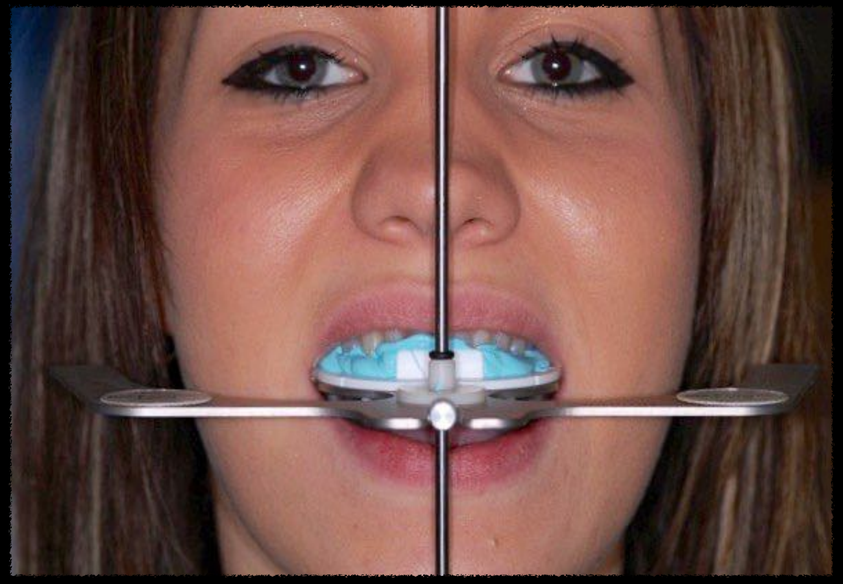
JR

Esthetic design



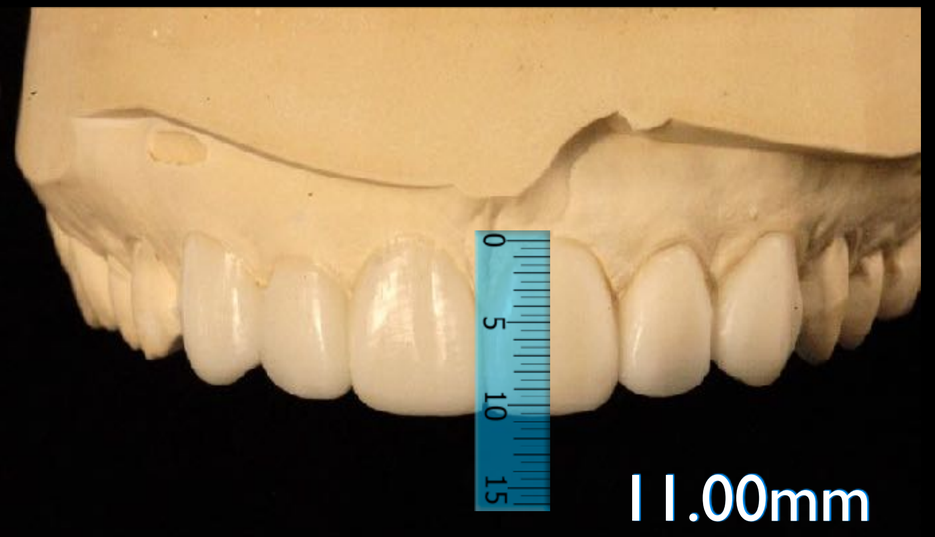


Esthetic design



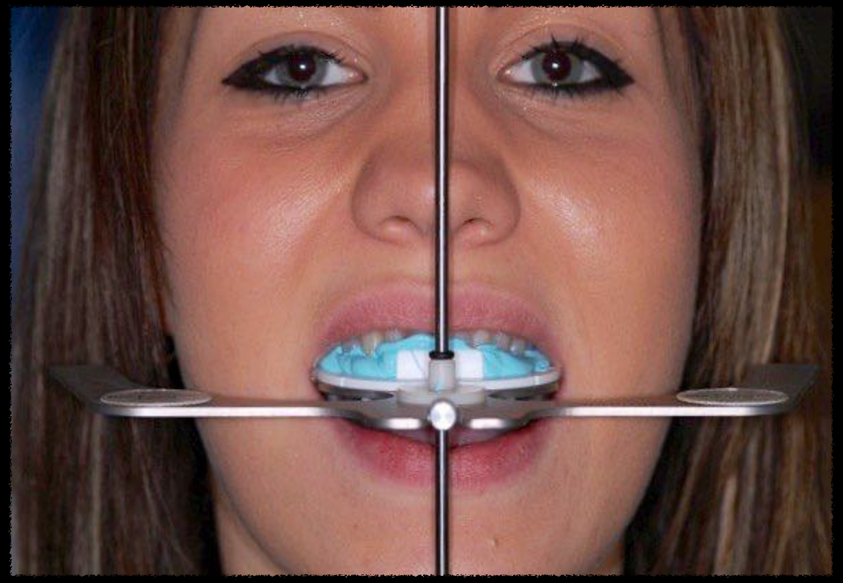
Kois face bow

Digital ruler



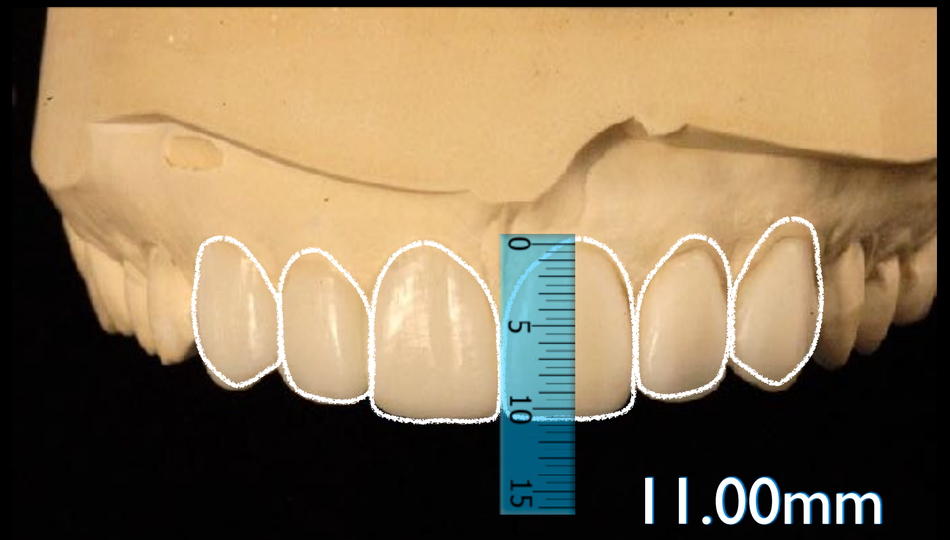
Diagnostic wax-up

Esthetic design



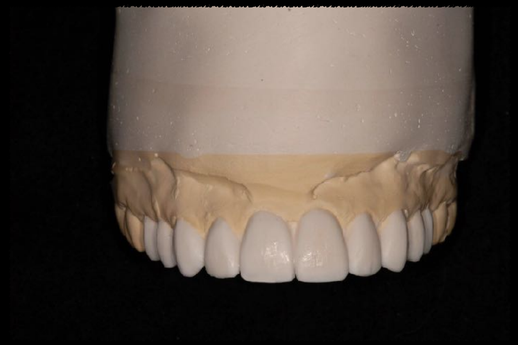
Kois face bow

Digital design



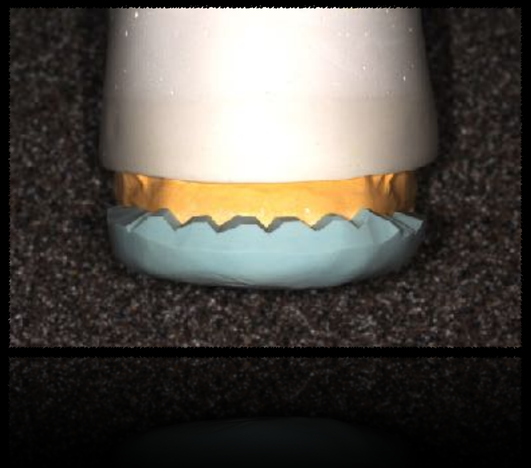
Diagnostic wax-up

Diagnostic mock-up technique



Wax-up

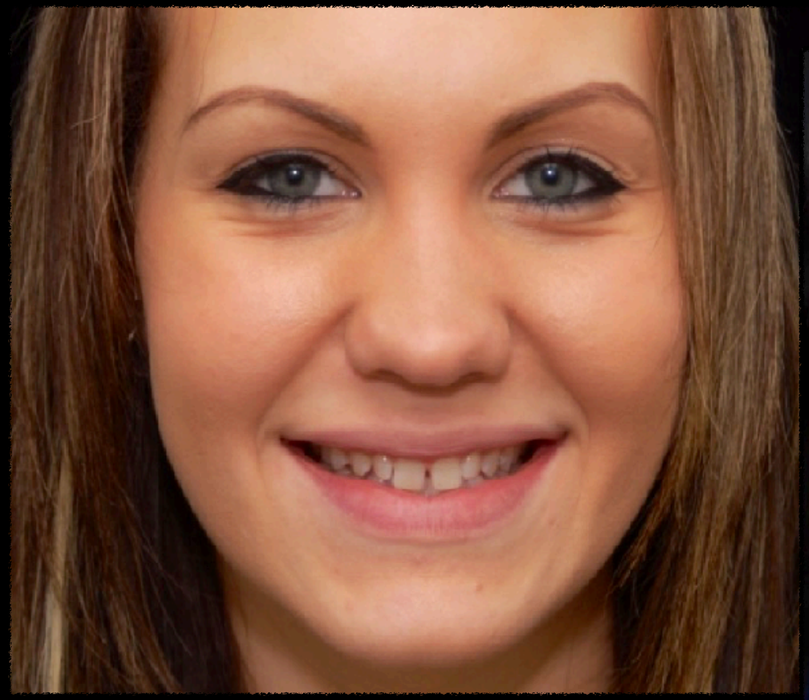
Putty stint



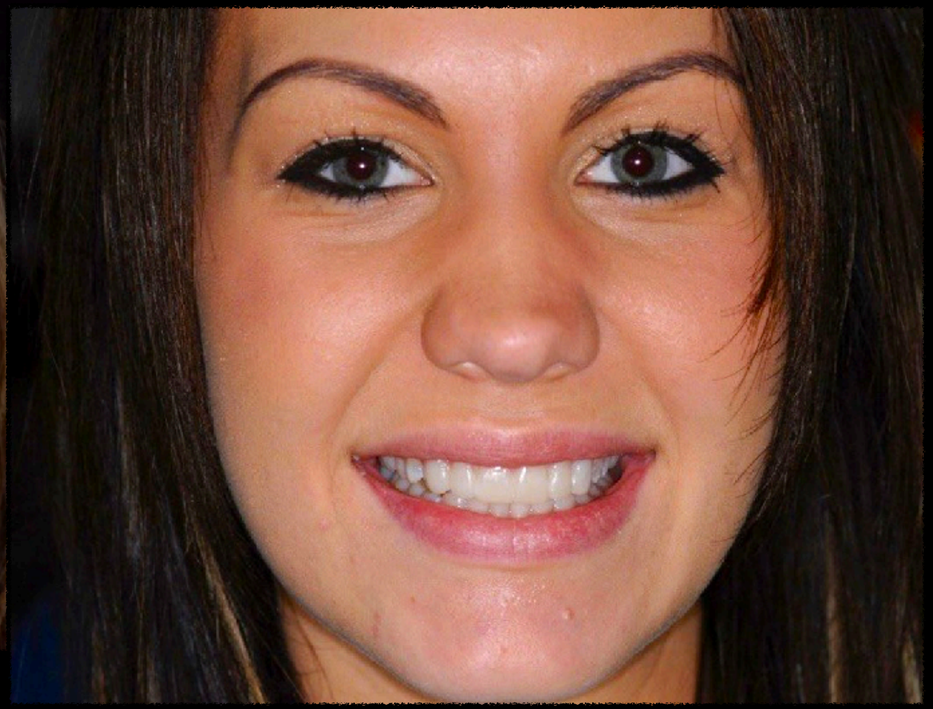
Bis-acrylic

Lynn ~ case example

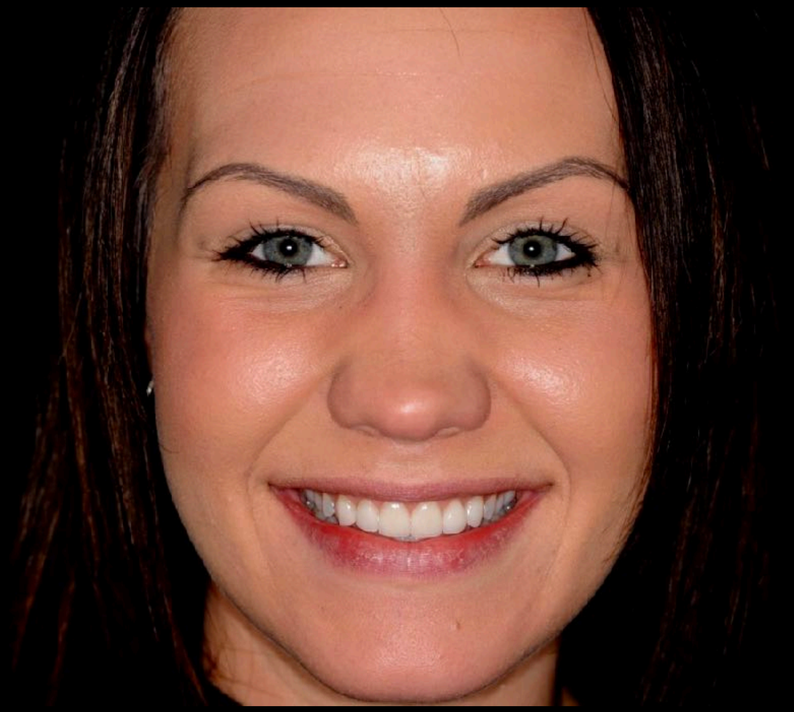
Esthetic design



Pre-op

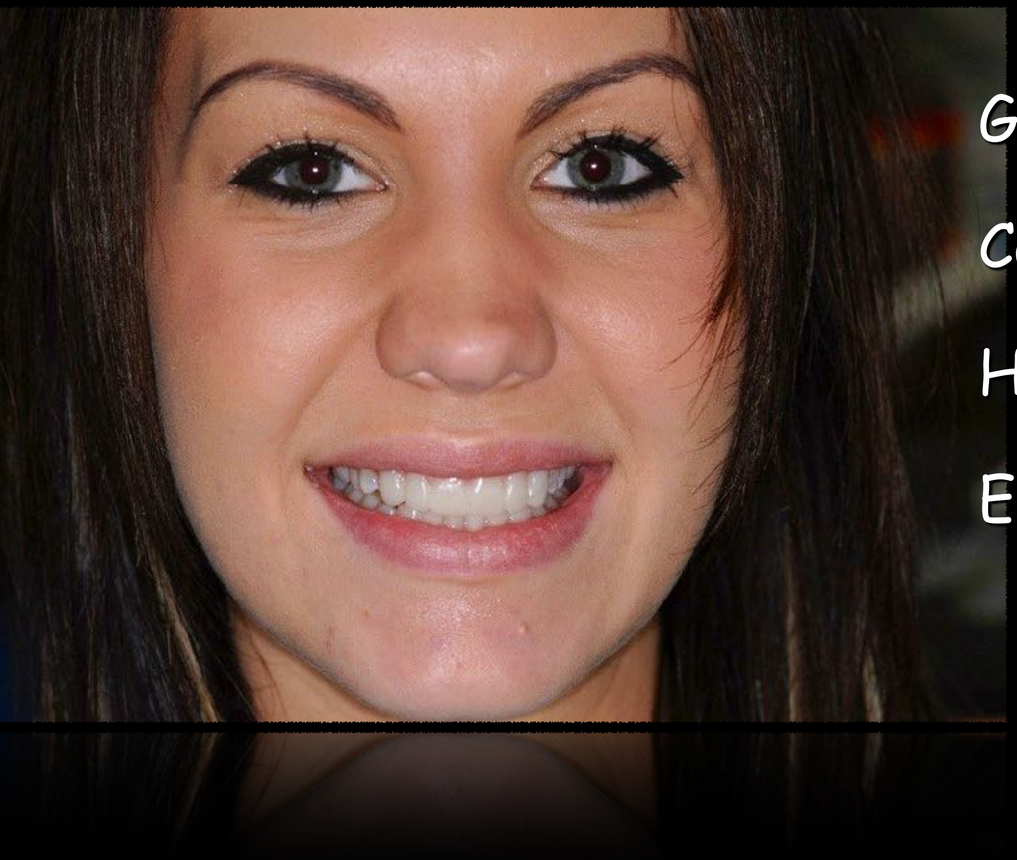


Mock up



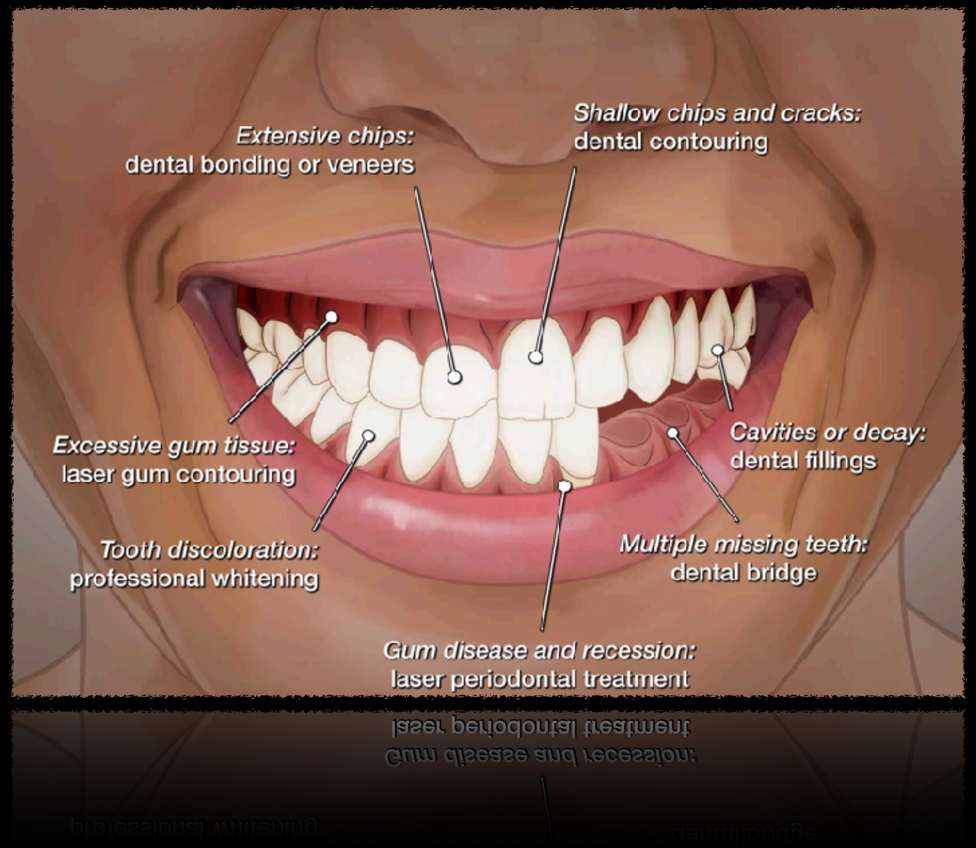
Completed smile

Smile mock-up features



- Great for additional information
- Can "take home"
- Harmless; ie reversible
- Easy and inexpensive
- Questionable for proclined teeth
- Can provide gingival illusions
- Great for patient's "sitting on the fence"
- Can be a great diagnostic tool

Treatment plan



Developing the design

Restoration choices, materials, bleaching?

Ultimately the patient's decision!

JR

Diagnosis verses treatment

Discuss with the patient the pros and cons of being proactive or reactive to treatment!

JR

What are our patient's thinking??

Pain?

Cost?

Anxiety?

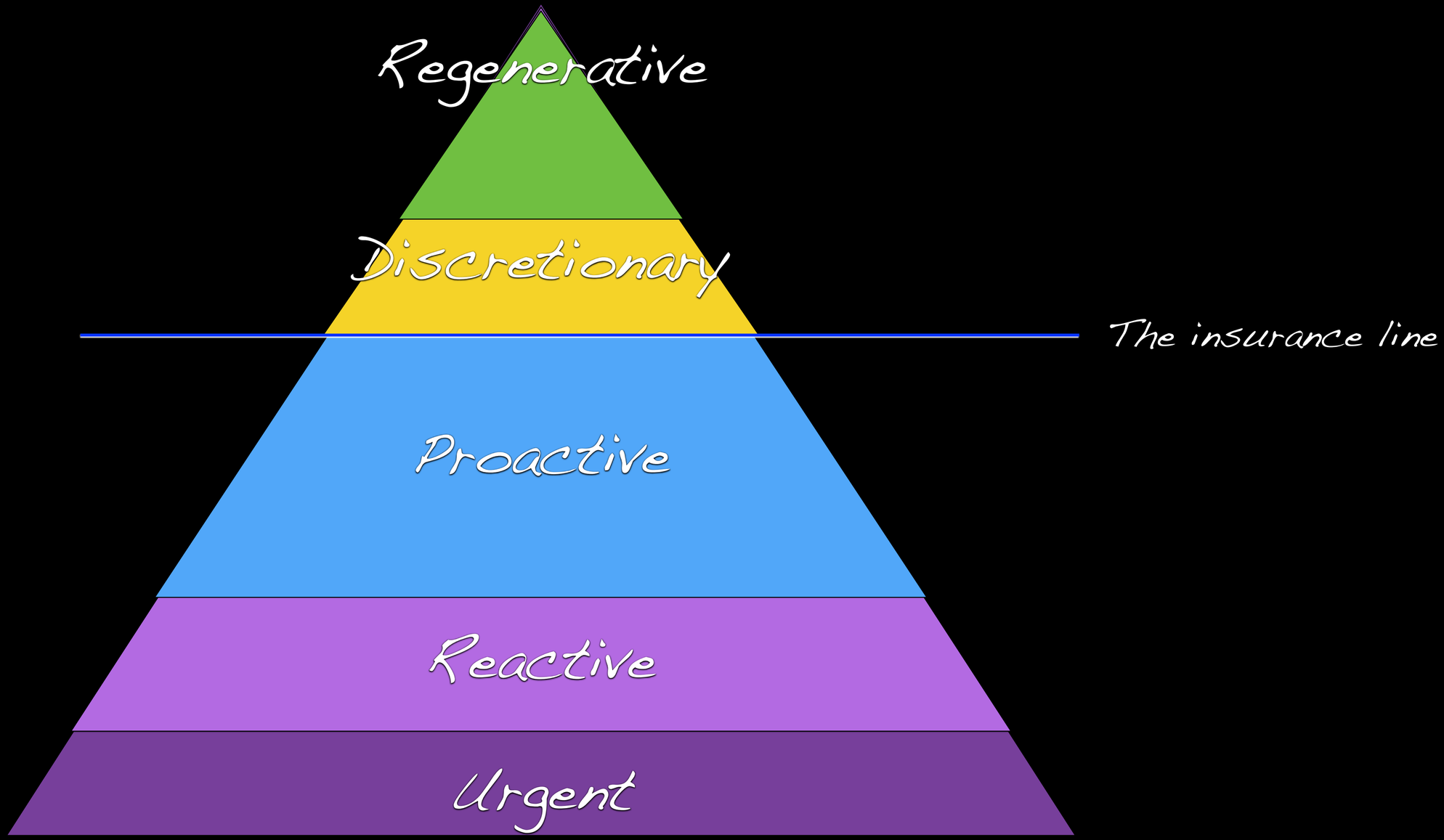
The unknown?

It`s based on:

&

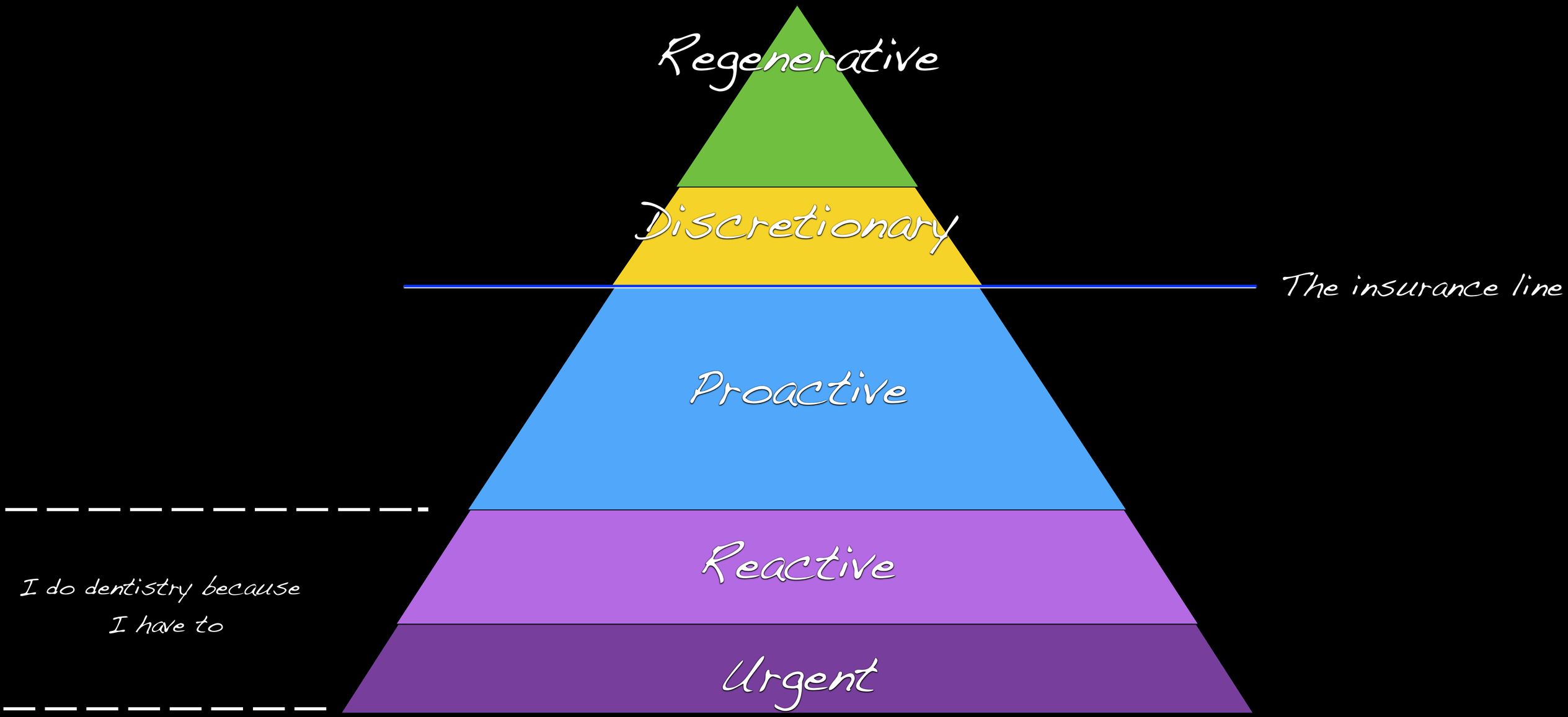
JR

Patient values for care



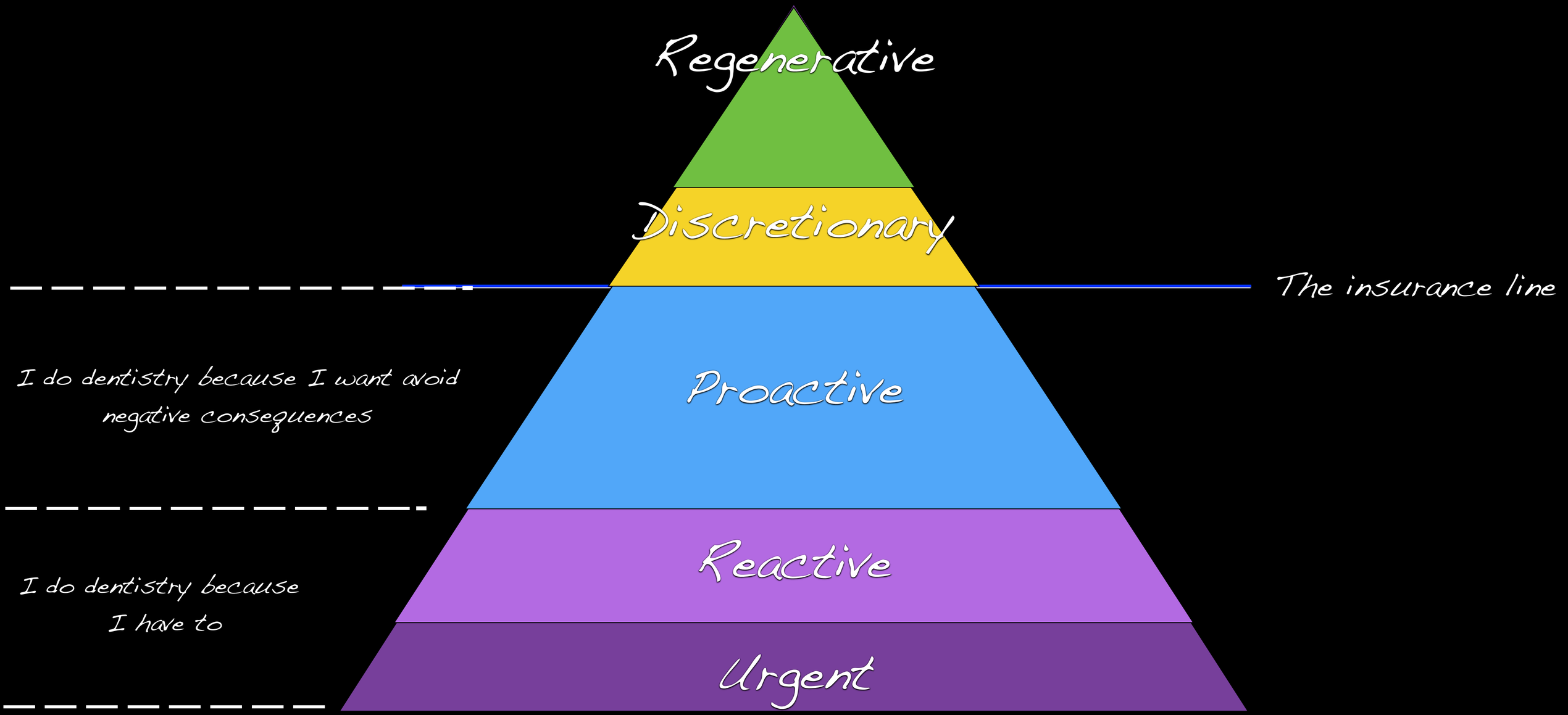
JR

Patient values for care



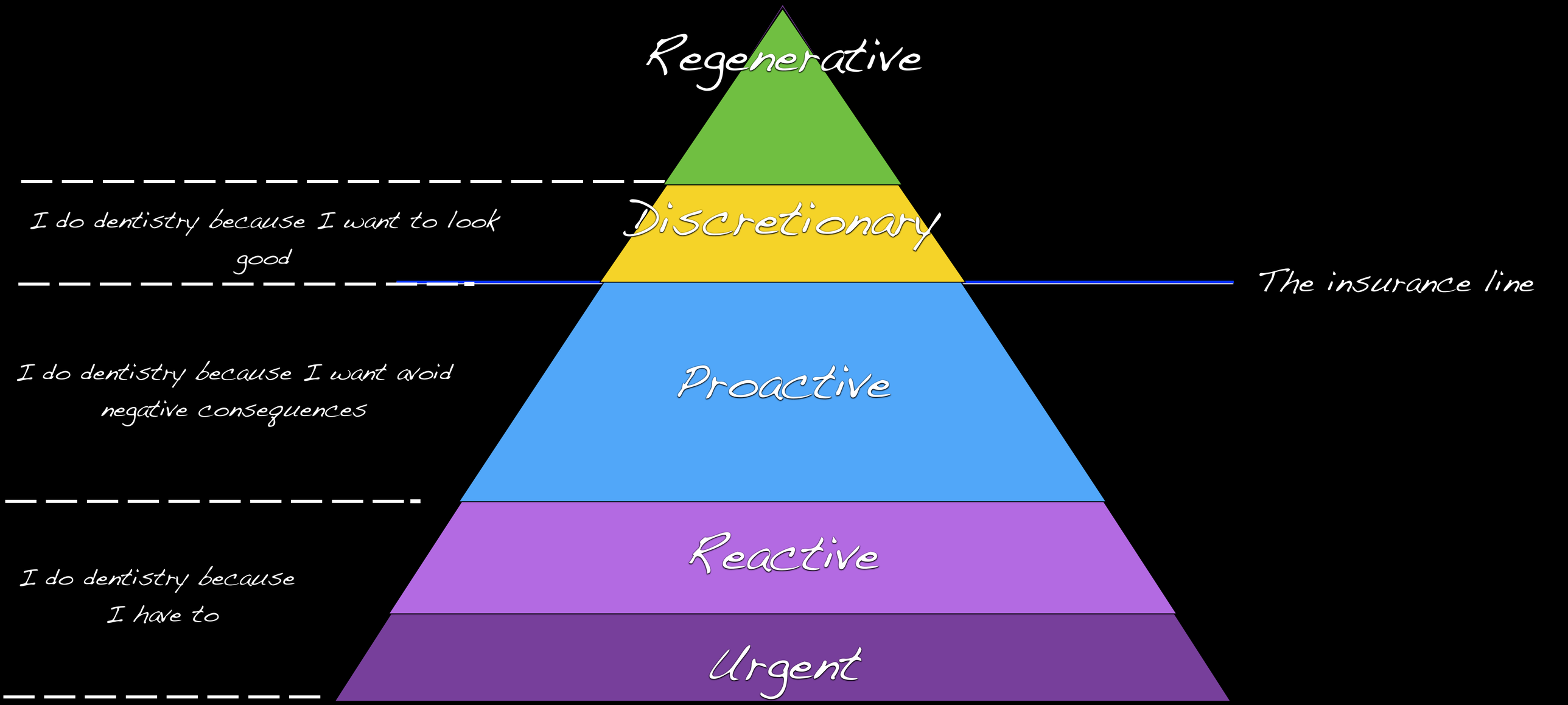
JR

Patient values for care



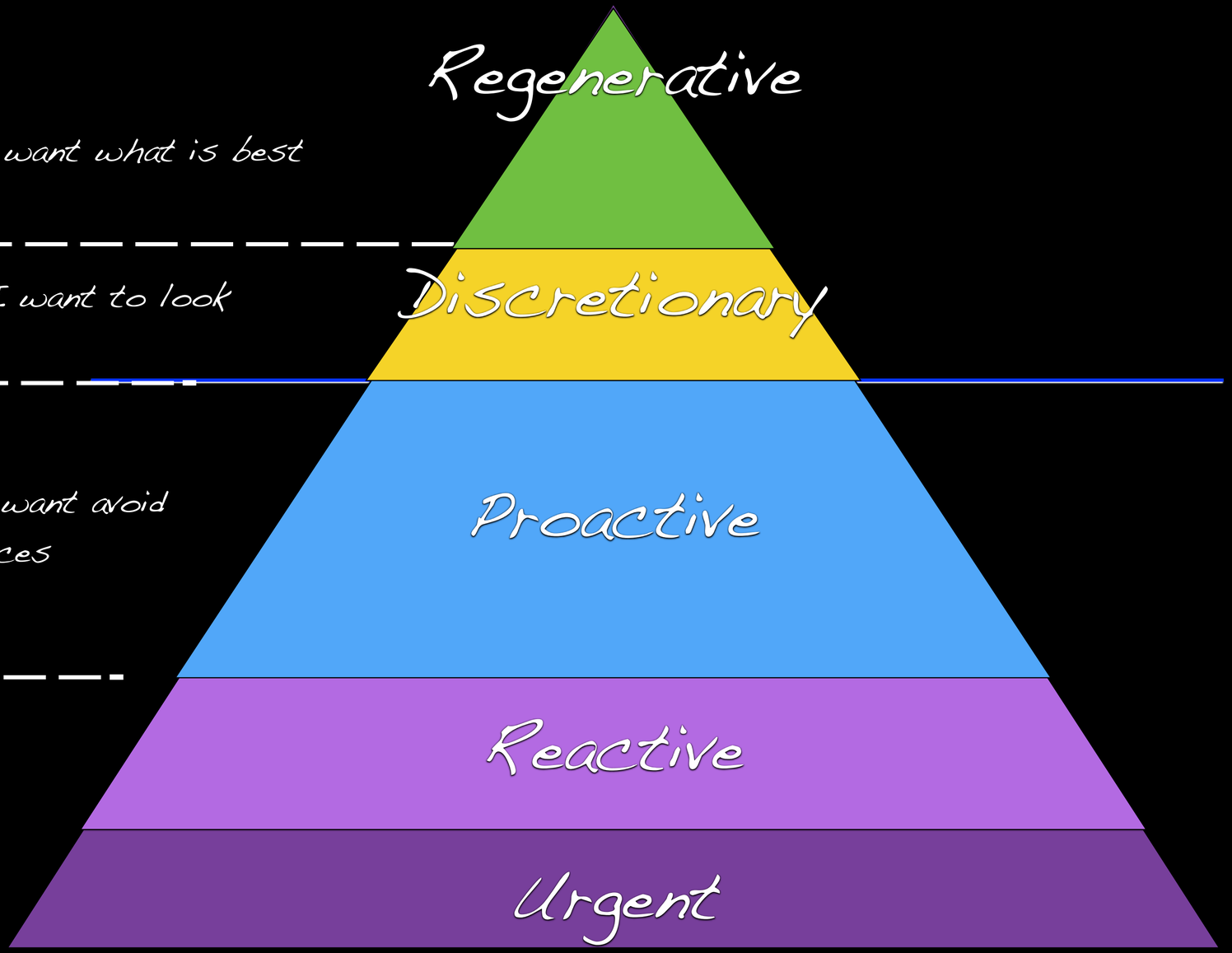
JR

Patient values for care



JR

Patient values for care



I do dentistry because I want what is best for me

I do dentistry because I want to look good

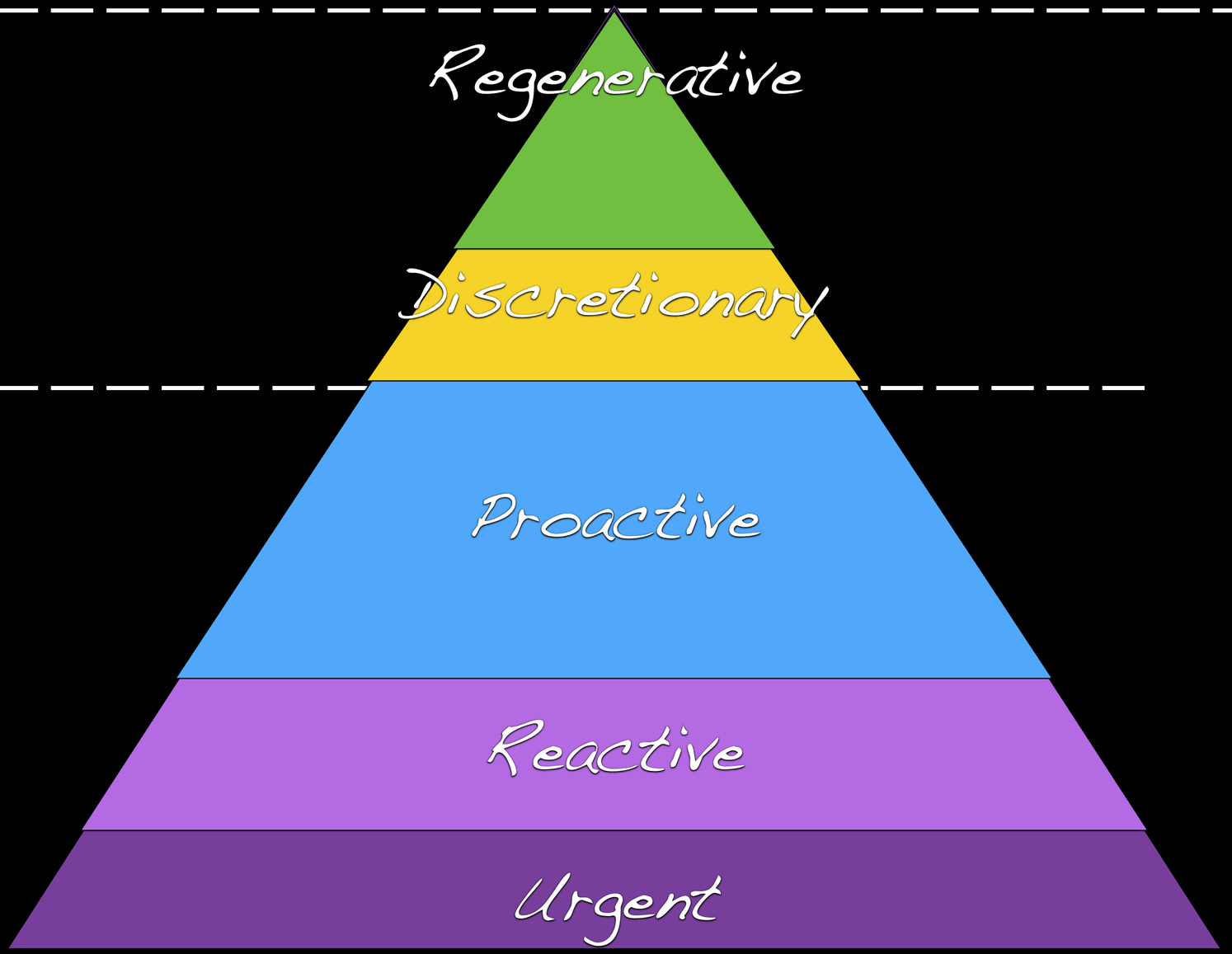
The insurance line

I do dentistry because I want avoid negative consequences

I do dentistry because I have to

JR

Trust versus value



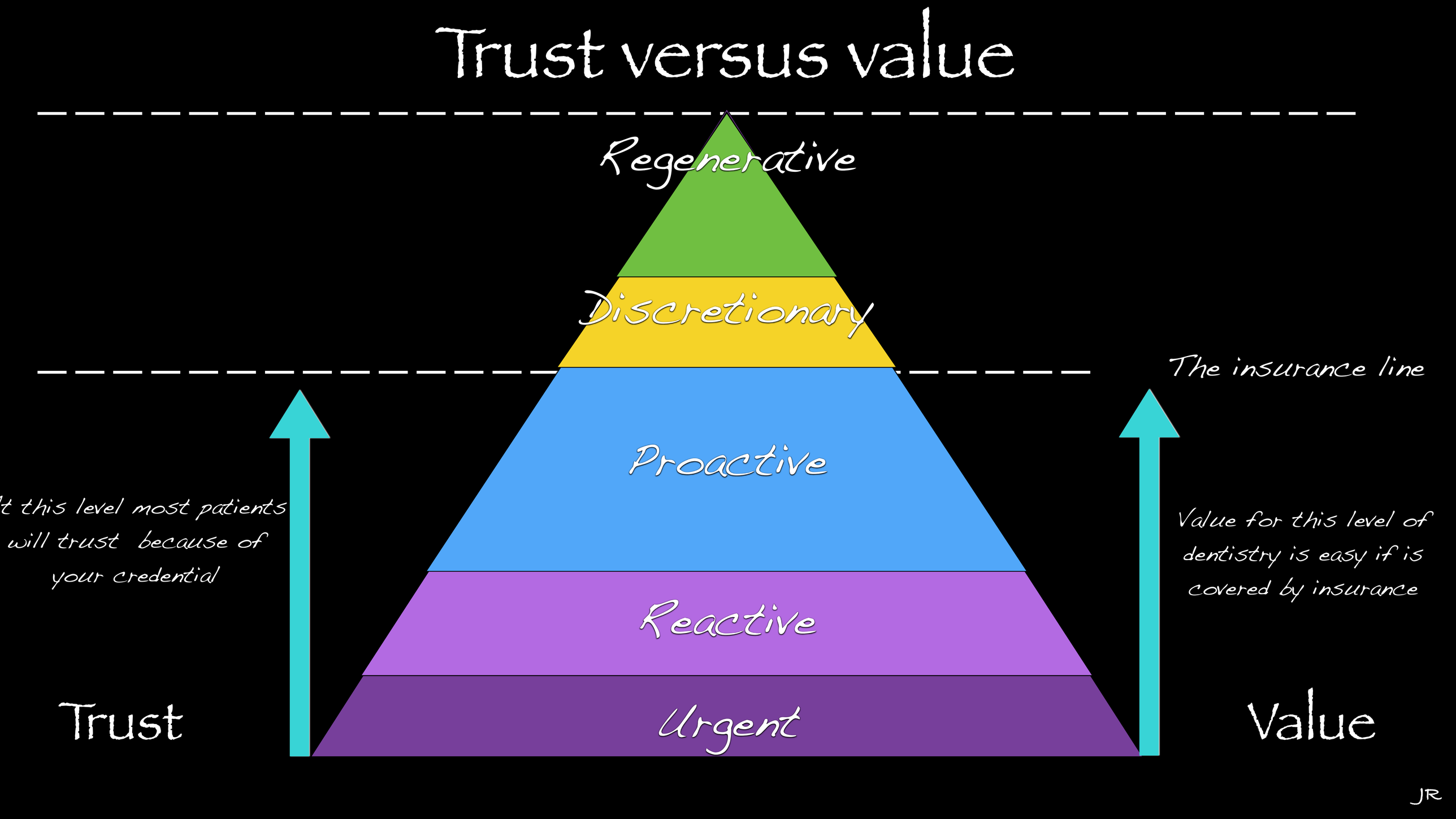
The insurance line

Trust

Value

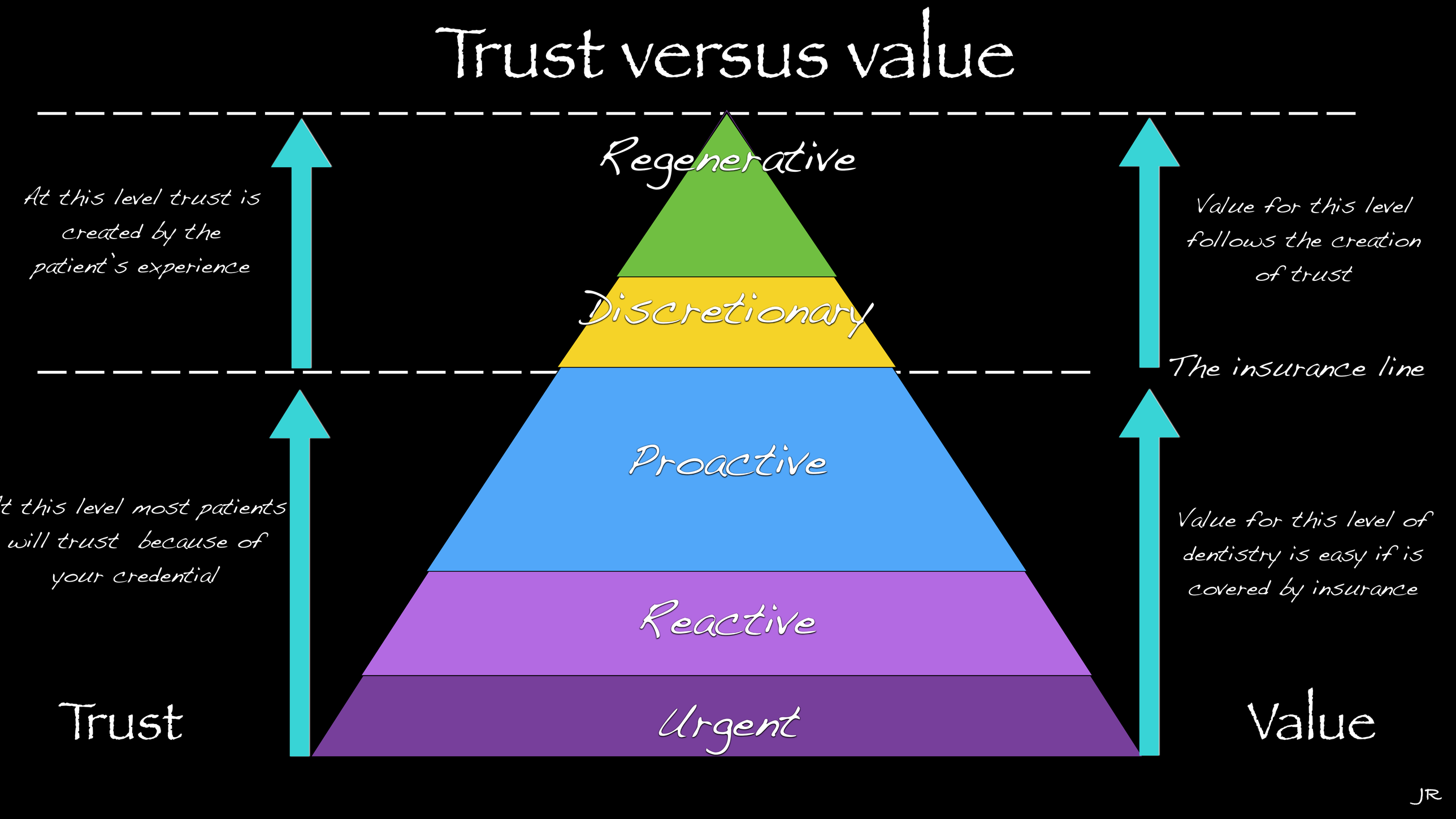
JR

Trust versus value



JR

Trust versus value



JR