



British Academy of
Cosmetic Dentistry

COZMETIC DENTISTRY

Dental Photography Theory V.S. Art

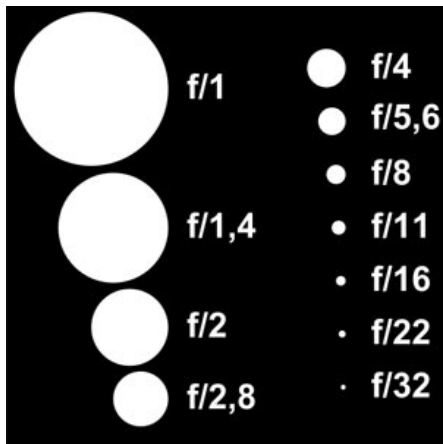
WITH SILVESTRE RIPOLL

nº1

Portrait- 1

Settings

Diaphragm → **f/ 8 - 11**
Focus mode → **auto puntual**
Focus Point → **eyes**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash/ Auto**

COURSE & WORKSHOP



Back: White Vs black



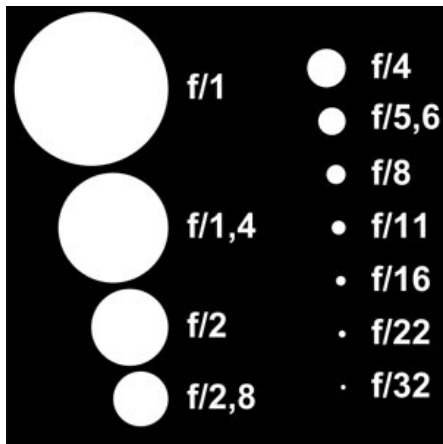
Double eye reflection:
Use only one softbox

nº2

Portrait- 1

Settings

Diaphragm → **f/ 8 - 11**
Focus mode → **auto puntual**
Focus Point → **eyes**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash/ Auto**



Use only one softbox in a
high position
Use White or black
background

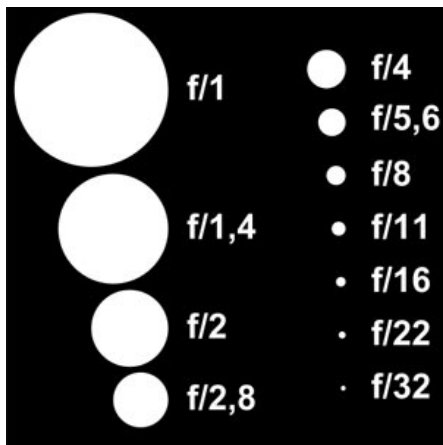
COURSE & WORKSHOP

nº3

Lips - 1

Settings

Diaphragm → **f/ 5 - 16**
Focus mode → **auto puntual**
Focus Point → **teeth**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash/ Auto**



nº3

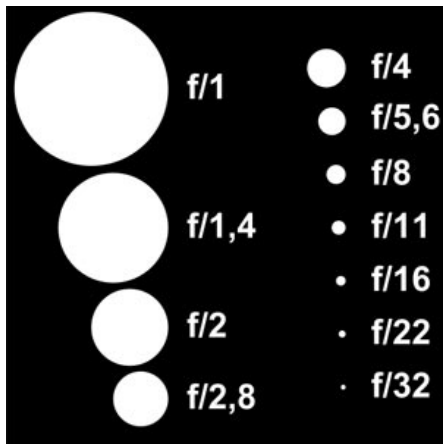
Lips - 2

Settings

Diaphragm → f/ 5 - 16
Focus mode → auto puntual
Focus Point → teeth

Variations:

- 1.- Try soft light & backlight f5 / f16
- 2.- Idem + reflector f5 / f16



Shutterspeed → 1/125
Native ISO → ISO 100
WB → Flash / Auto

nº3

C O U R S E & W O R K S H O P

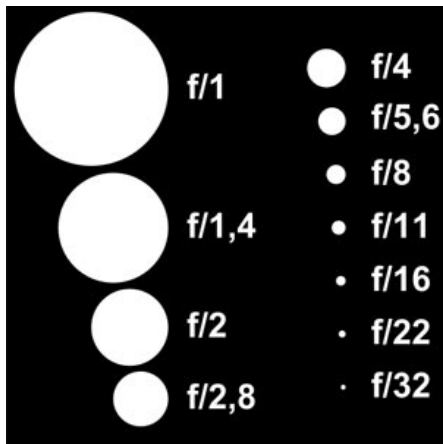
Lips - 2

Settings

Diaphragm → f/ 5 - 16
Focus mode → auto puntual
Focus Point → teeth

3.- Try hard light & backlight f5 / f16

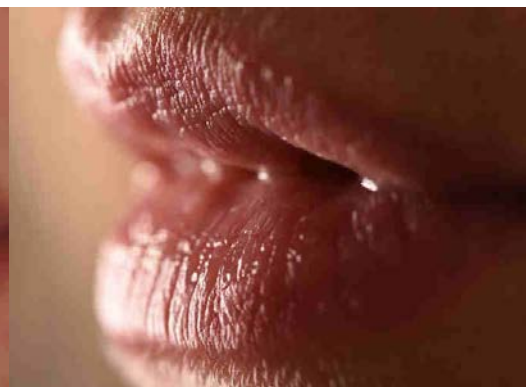
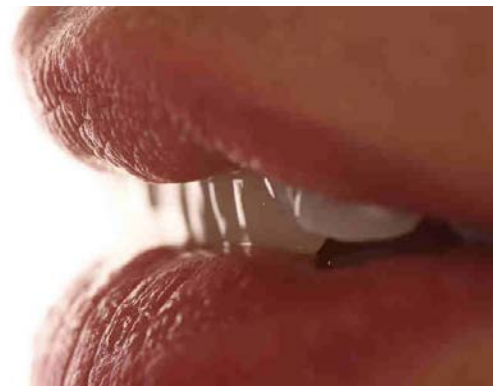
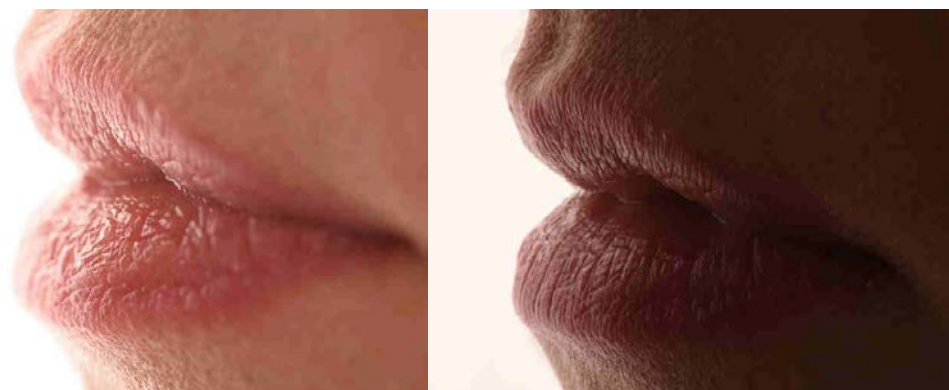
4.- Idem + reflector f5 / f16



Shutterspeed → 1/125
Native ISO → ISO 100
WB → Flash / Auto

nº3

COURSE & WORKSHOP



nº4

Intraoral Ring / Twin - 1



nº4

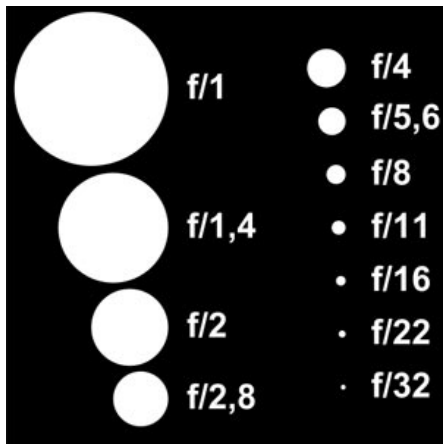
Intraoral. Ring / Twin - 1

Both maxilars in occlusion

Diaphragm → **f/ 32**

Focus mode → **auto puntual**

Flash Anular/Twin → **TTL**



Shutterspeed → **1/125**
 Native ISO → **ISO 100**
 WB → **Flash/ Auto**

nº4

Intraoral Ring / Twin - 1

Both maxilars

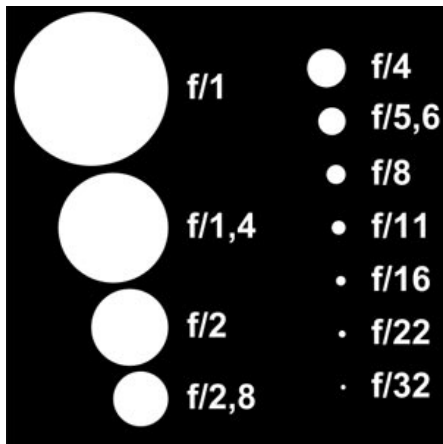
Diaphragm → **f/ 32**

Focus mode → **auto puntual**

Flash Anular/Twin → **TTL**

Skills:

1.- Enable guide light



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash/ Auto**

nº4

Intraoral Ring / Twin - 1

Both maxilars

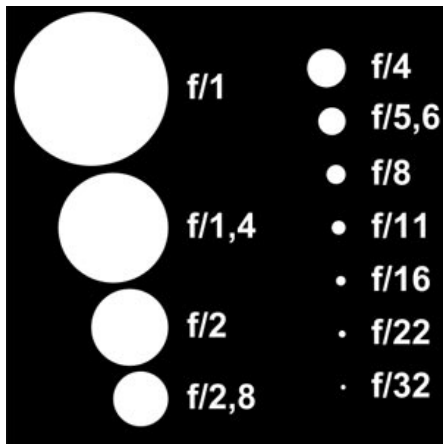


Diaphragm → **f/ 32**

Focus mode → **auto puntual**

Flash Anular/Twin → **TTL**

2.- Right Framing



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

COURSE & WORKSHOP

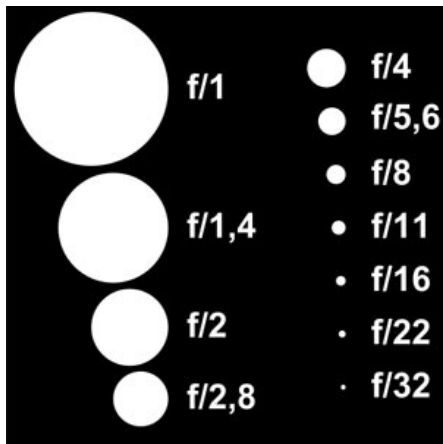
nº4



Flash Anular/Twin → **TTL**

3.- Change f /32 – f/22 – f/11

4.- Modify head position



Vel. obturación → **1/125**
ISO nativo → **ISO 100**
WB → **Flash**



nº4

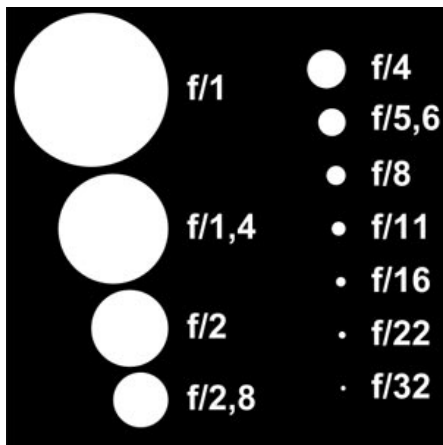
Intraoral Ring / Twin

Both maxilars

Diaphragm → **f/ 32**

Focus mode → **auto point**

Flash Anular/Twin → **TTL**



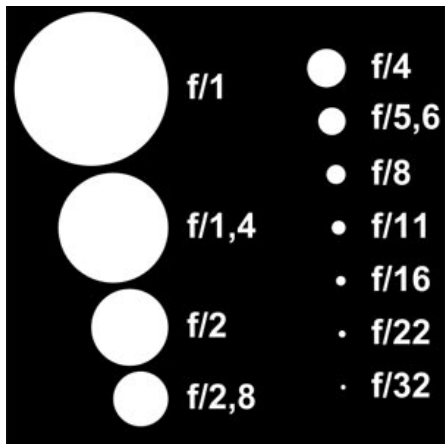
Shutterspeed → **1/125**
 Native ISO → **ISO 100**
 WB → **Flash / Auto**

5.- Try with a lateral shot

nº4

Intraoral Ring – Twin - 2 Sextant

Diaphragm → **f/ high**
Focus mode → **manual**
Flash Ring/Twin → **Manual or TTL**

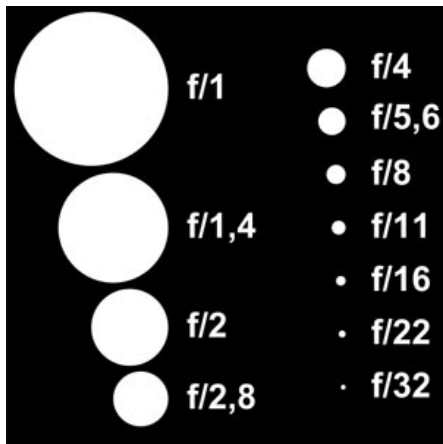


nº4

Intraoral Ring – Twin - 2

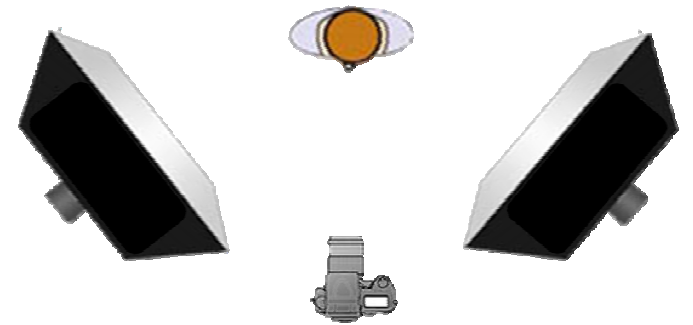
Sextant Skills:

- 1.- With and without contrastor
- 2.- Upper and lower



nº5

Intraoral. Studio Flashes

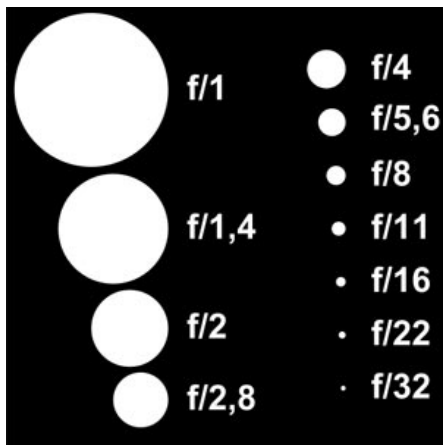
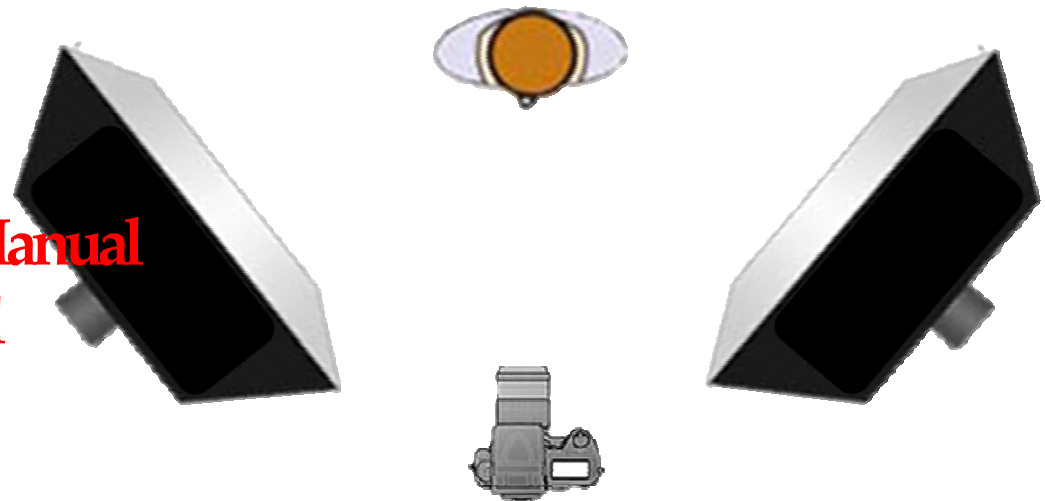


nº5

Intraoral. Studio Flashes

Both maxilas

Diaphragm → **f/ 16 to 32**
 Focus mode → **auto puntual / Manual**
 Flash estudio → **Always Manual**



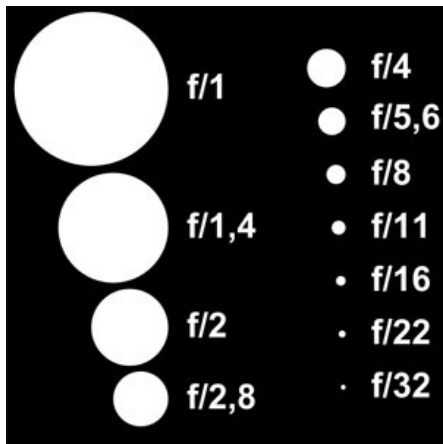
Shutterspeed → **1/125**
 Native ISO → **ISO 100**
 WB → **Flash / Auto**

nº5

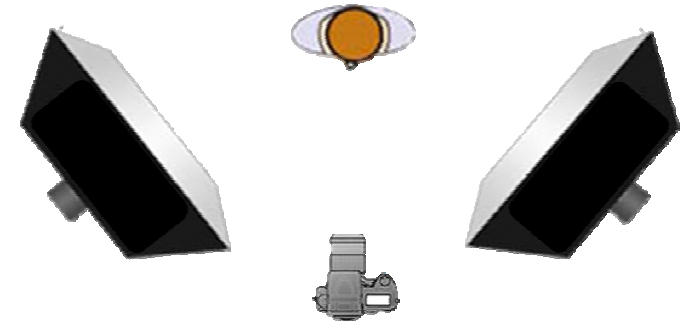
Intraoral. Studio Flashes

Both maxilas

Diaphragm → **f/ 16 to 32**
 Focus mode → **auto puntual / Manual**
 Flash estudio → **Always Manual**



Shutterspeed → **1/125**
 Native ISO → **ISO 100**
 WB → **Flash / Auto**



Skills

Frontal in oclusión
 (look for propper exposure)

Upper Sextant with contrastor
 (look for propper exposure)

Lower Sextant with contrastor
 (look for propper exposure)

nº6 Intraoral. Studio Flashes

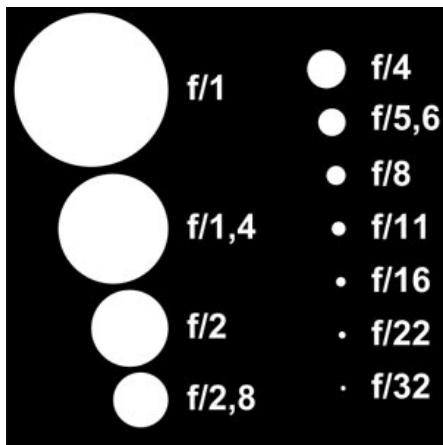
Very soft light

Both maxilas

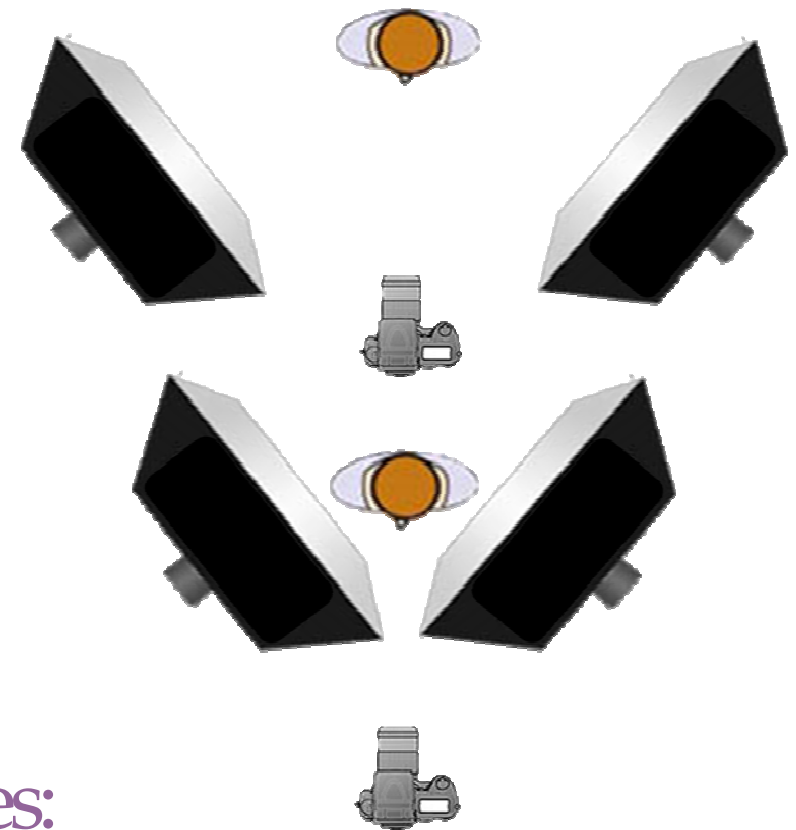
Diaphragm → **f/ 16 to 32**

Focus mode → **auto puntual / Manual**

Flash estudio → **Always Manual**



Shutterspeed → **1/125**
 Native ISO → **ISO 100**
 WB → **Flash / Auto**



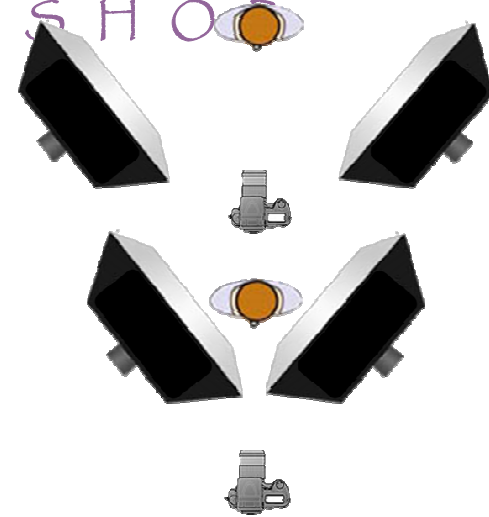
Differences:

Flashes are very near

nº6 Intraoral. Studio Flashes

Very soft light

Both maxilas



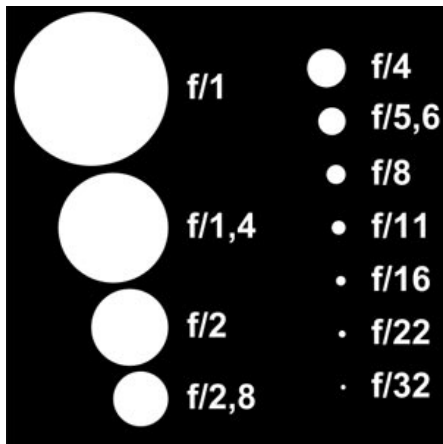
Skills

Diaphragm → **f/ 16 to 32**
 Focus mode → **auto puntual / Manual**
 Flash estudio → **Always Manual**

Frontal in oclusión
 (look for propper exposure)

Upper Sextant with contrastor
 (look for propper exposure)

Lower Sextant with contrastor
 (look for propper exposure)



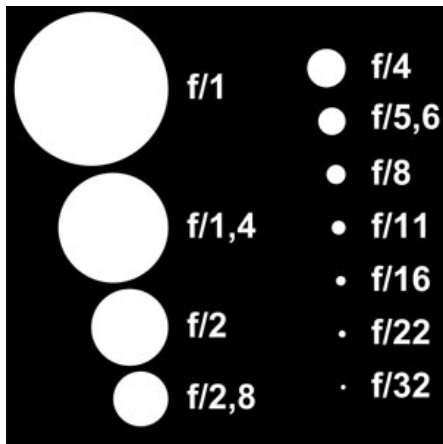
Shutterspeed → **1/125**
 Native ISO → **ISO 100**
 WB → **Flash / Auto**

nº7

C O U R S E & W O R K S H O P

Intraoral. Studio Flashes Hard Light

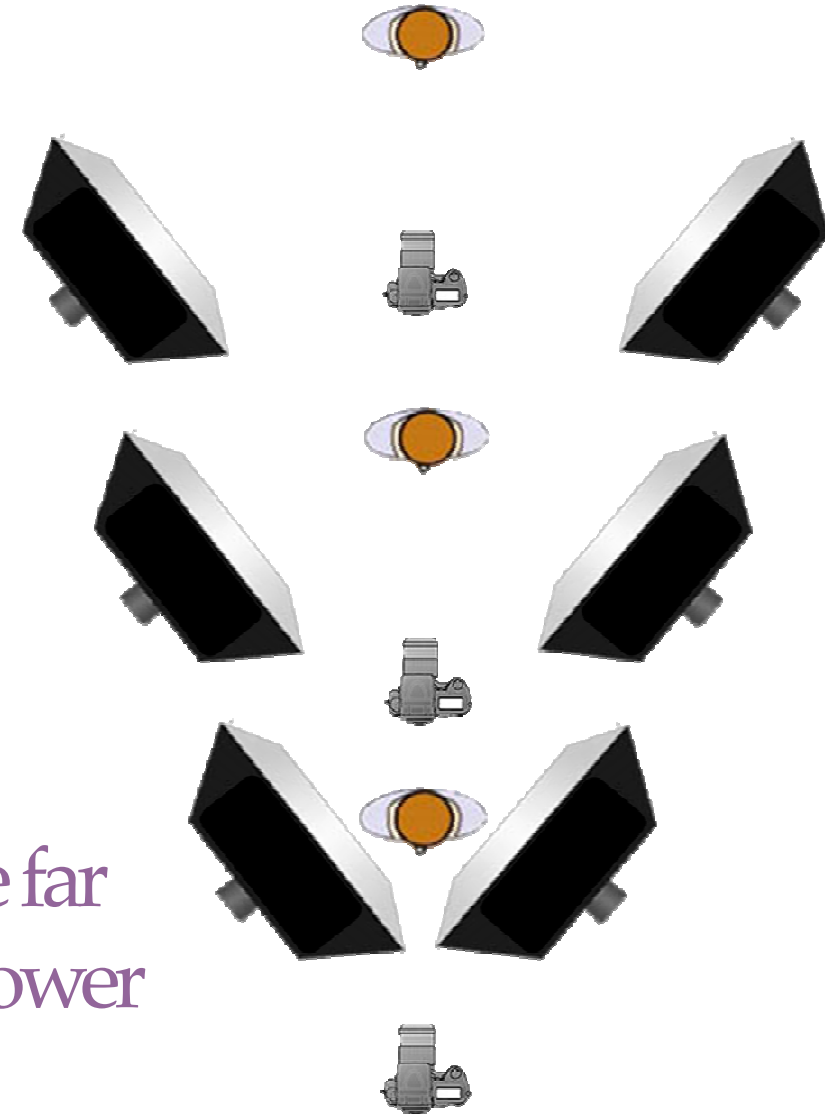
Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash studio → **Always Manual**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

Differences:

Flashes are far
Increase power

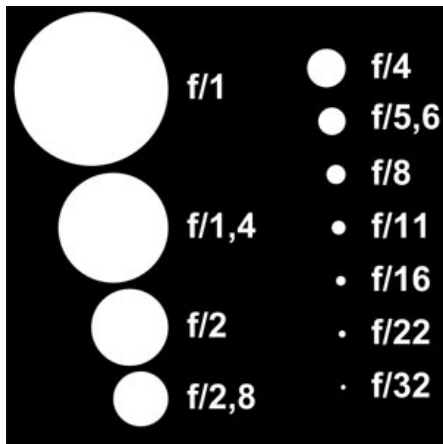


nº7

C O U R S E & W O R K S H O P

Intraoral. Studio Flashes Hard Light

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash estudio → **Always Manual**



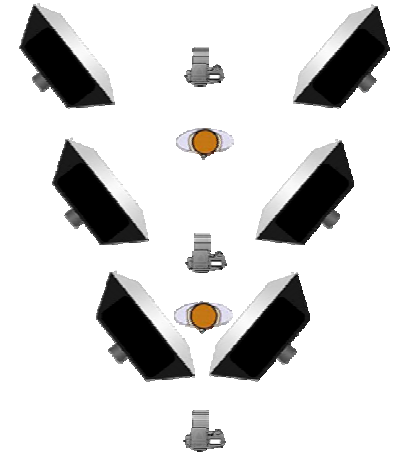
Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

Skills

Frontal in oclusión
(look for propper exposure)

Upper Sextant with contrastor
(look for propper exposure)

Lower Sextant with contrastor
(look for propper exposure)



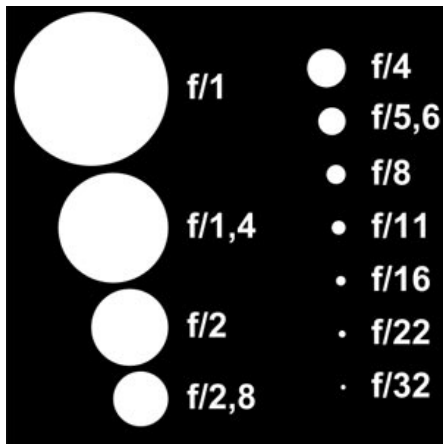
creative

nº8

COURSE & WORKSHOP

Intraoral. Studio Flashes Side Light

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash estudio → **Always Manual**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

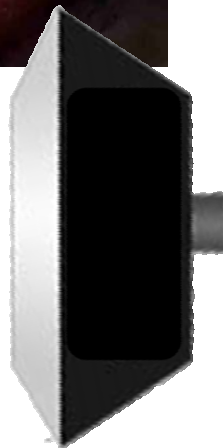
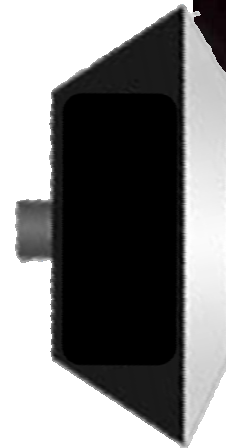
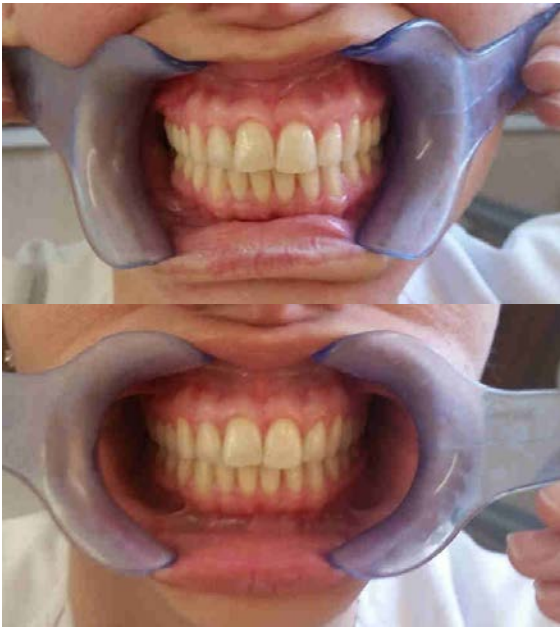


Skills:

- Frontal in oclusión. Lights at 90º
- Open or closed retractors for more or less shadow

nº8

Intraoral. Studio Flashes Side Light



Hard light

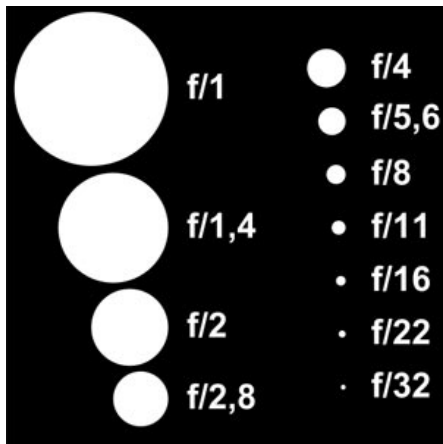
(increase flash distance. Increase flash power)

nº9

COURSE & WORKSHOP

Intraoral. Studio Flashes Only one light (main light)

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash estudio → **Always Manual**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**



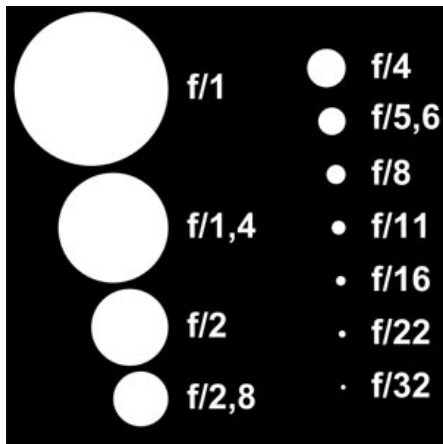
Skills:
Side capture in occlusión
Only one light
Dark background

nº9

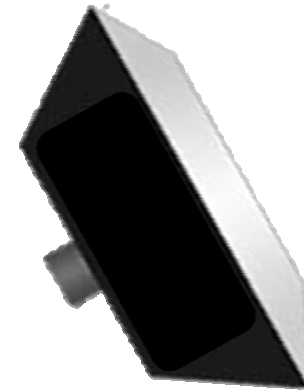
COURSE & WORKSHOP

Intraoral. Studio Flashes Only one light (main light)

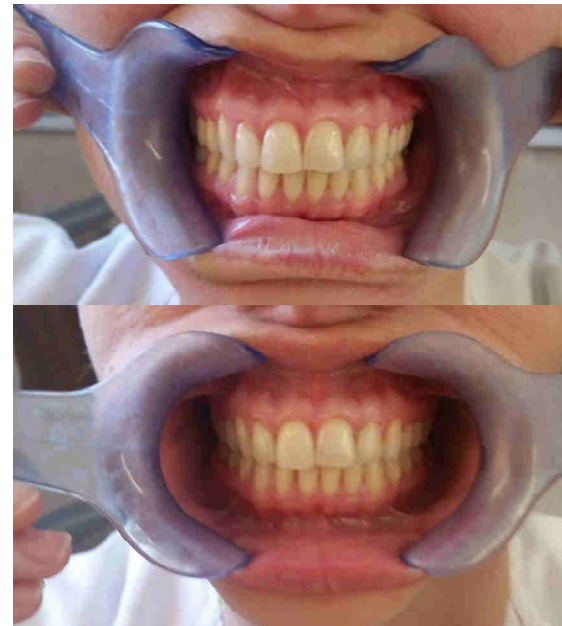
Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash estudio → **Always Manual**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**



Soft light
(reduce flash distance
and power)



Be careful with
retarctors

nº10

Intraoral. Studio Flashes one light (main light & fill light)



Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash estudio → **Always Manual**

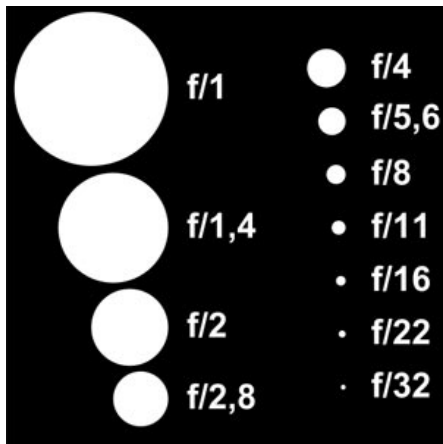
Skills:

Take a close up photography

Side & backlight

1st Pic – Only main light

2nd Pic – Main + fill light
(with a second flash or with a reflector)



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

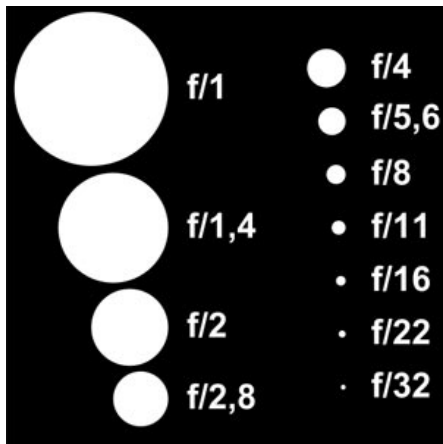
nº10

Intraoral. Studio Flashes one light (main light & fill light)

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash studio → **Always Manual**



Soft light
(reduce flash distance & power)
Great power on main flash



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

nº11

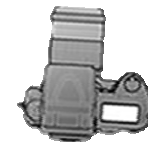
Intraoral. Studio Flashes

Low key photography

one back light (main light)



Soft light
(reduce flash distance & power)



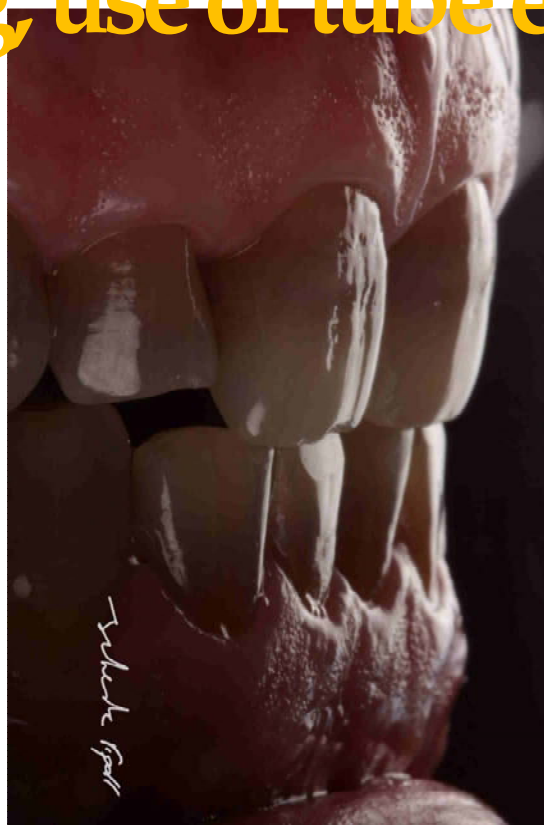
Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Flash studio → **Always Manual**



Retractor position

+ Skills

Unframing, use of tube extensors

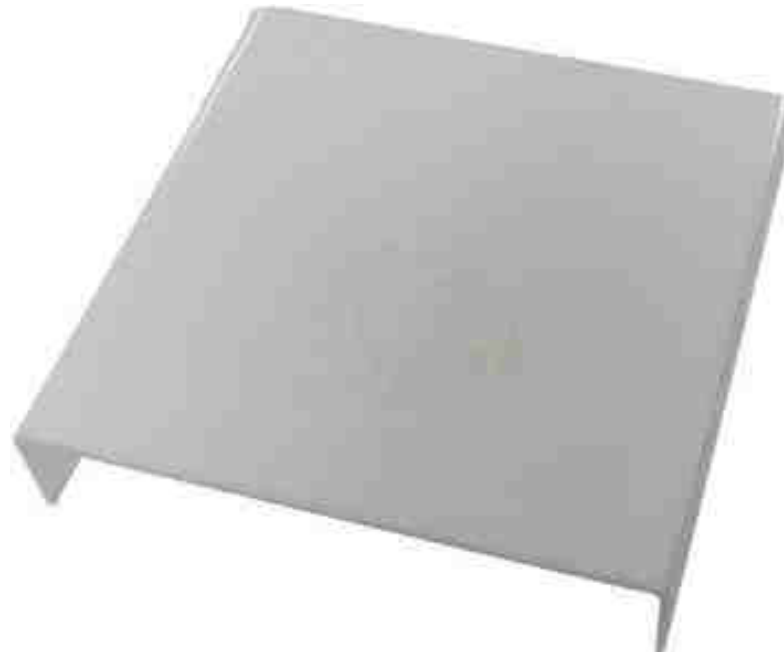


Product Photography

Product Photography

nº1

Acrylic tables & hand flash



Product Photography

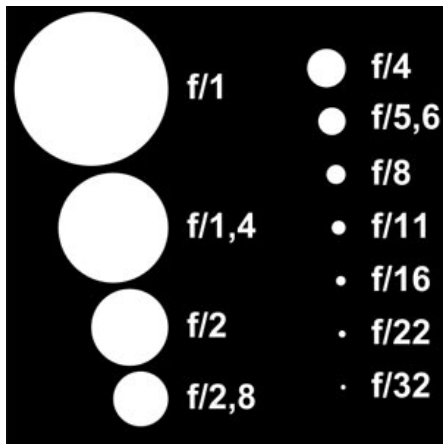
nº1

Acrylic tables & hand flash

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Hand Flash → **Manual min power**

Skills:

Try with black table and different flash positions.



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

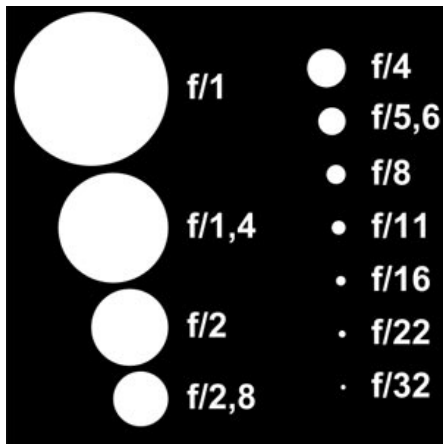


Product Photography

nº1

Acrylic tables & hand flash

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Hand Flash → **Manual min power**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**



Skills:

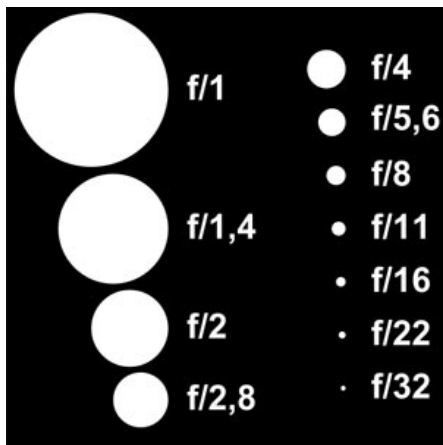
Change product
Change background
Change to White table

Product Photography



Hand Flash → **Manual min power**

Change product
Change background
Change to White table



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

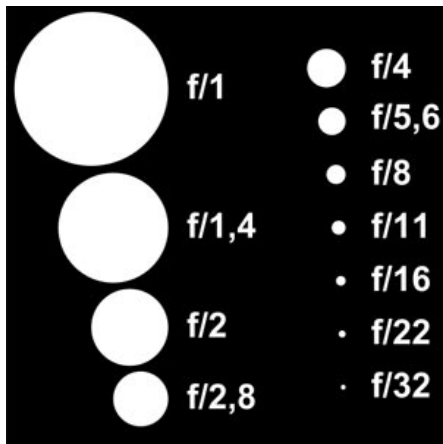
Product Photography

nº2

Soft-Box -1

Try with one softbox

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Hand Flash → **Manual min power**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

Skills:

Take 2 pics:

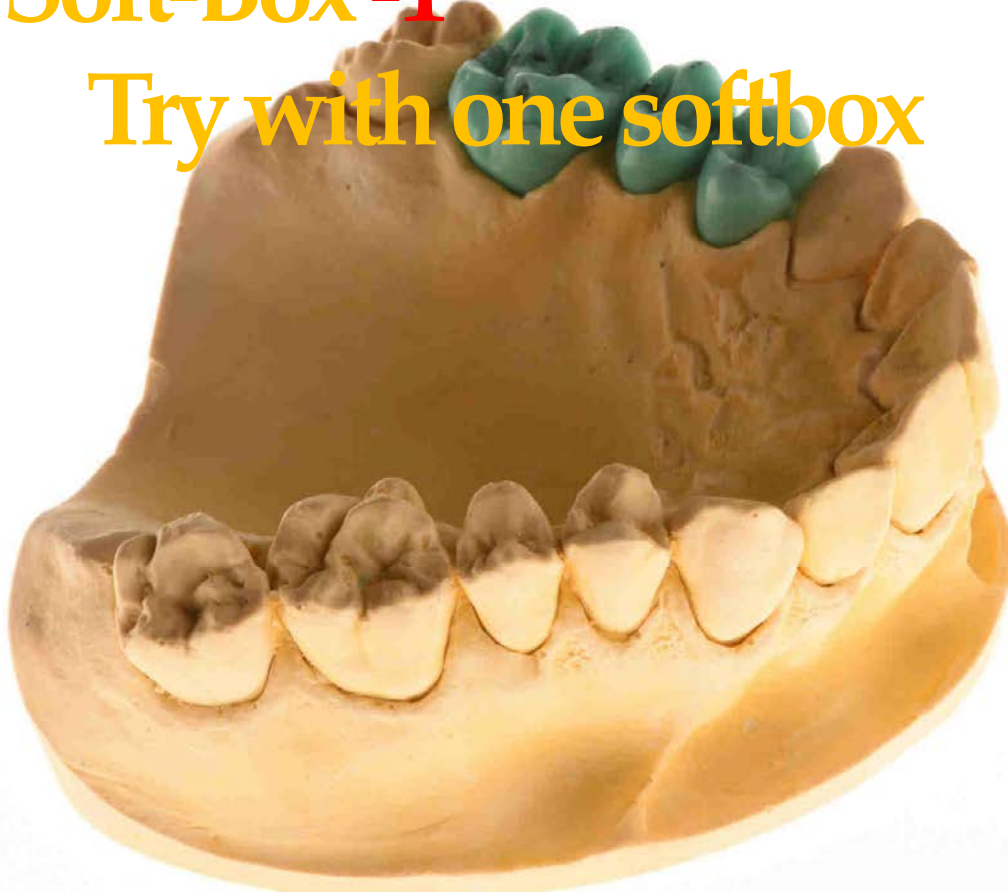
Model over the softbox
with different positions

Product Photography

nº2

Soft-Box -1

Try with one softbox



Skills:

Take 2 pics:

Model over the softbox
with different positions

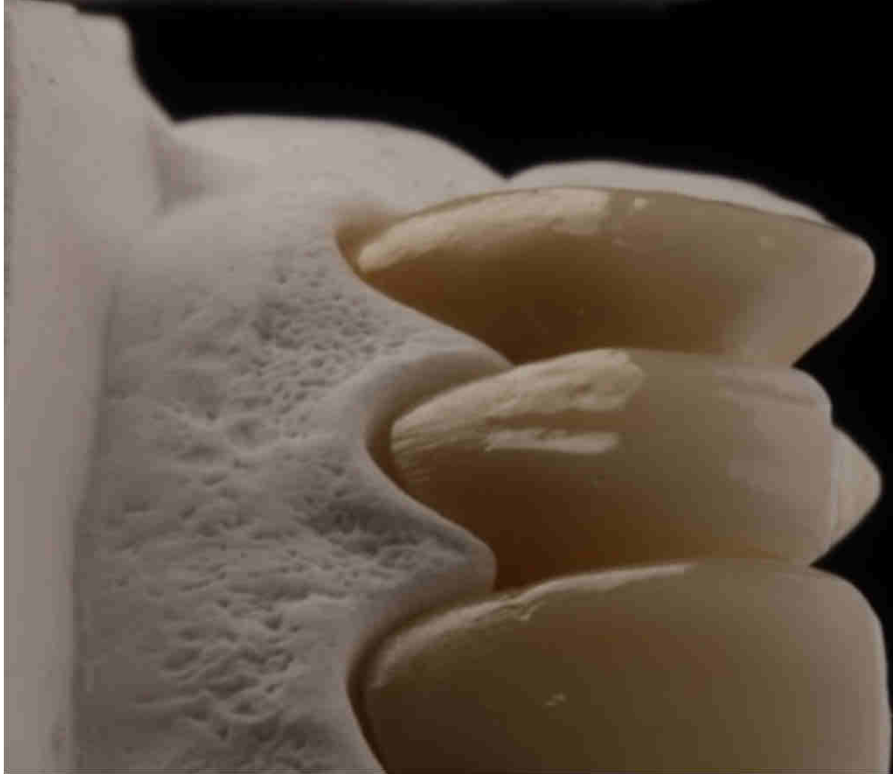
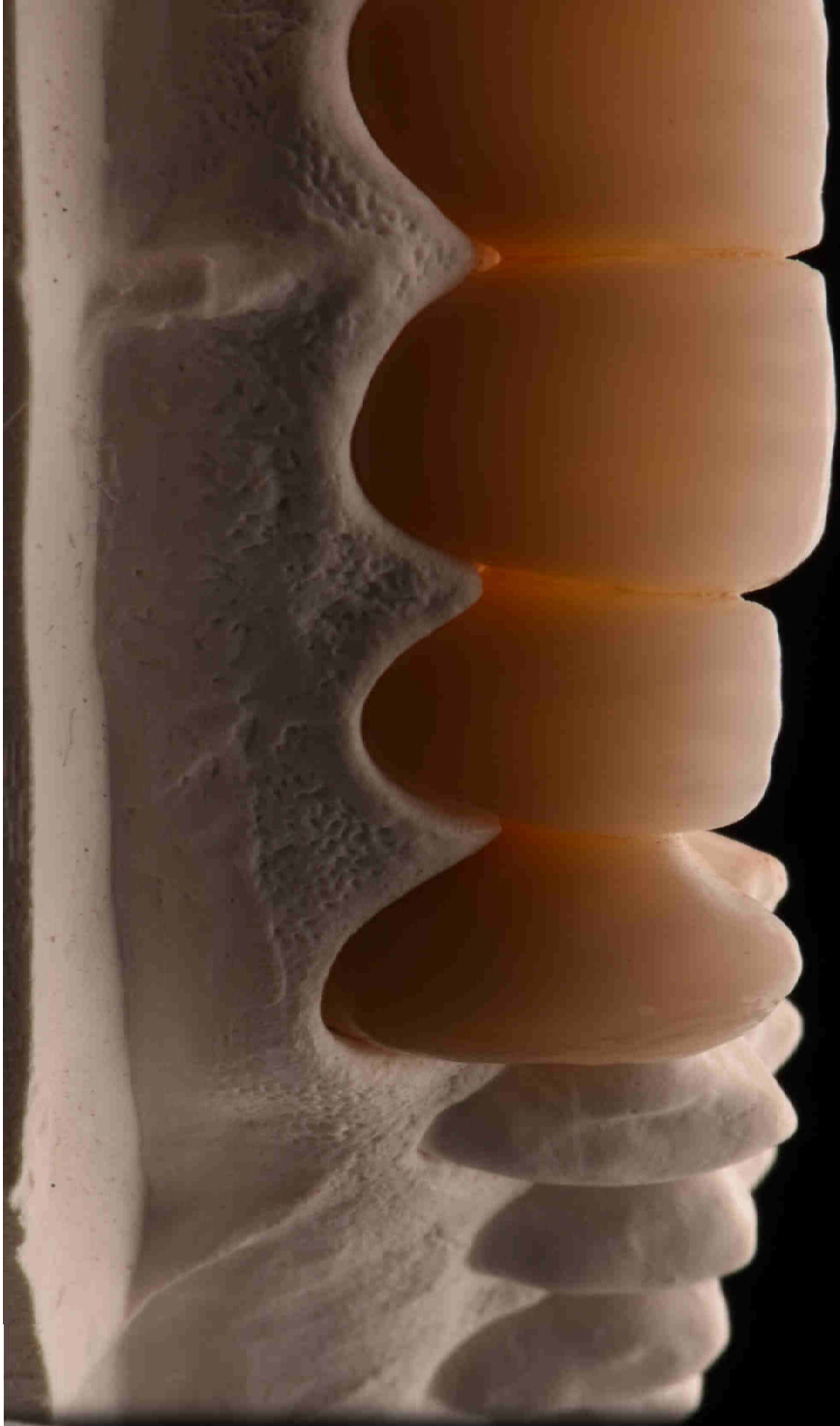
Soft-Box -1

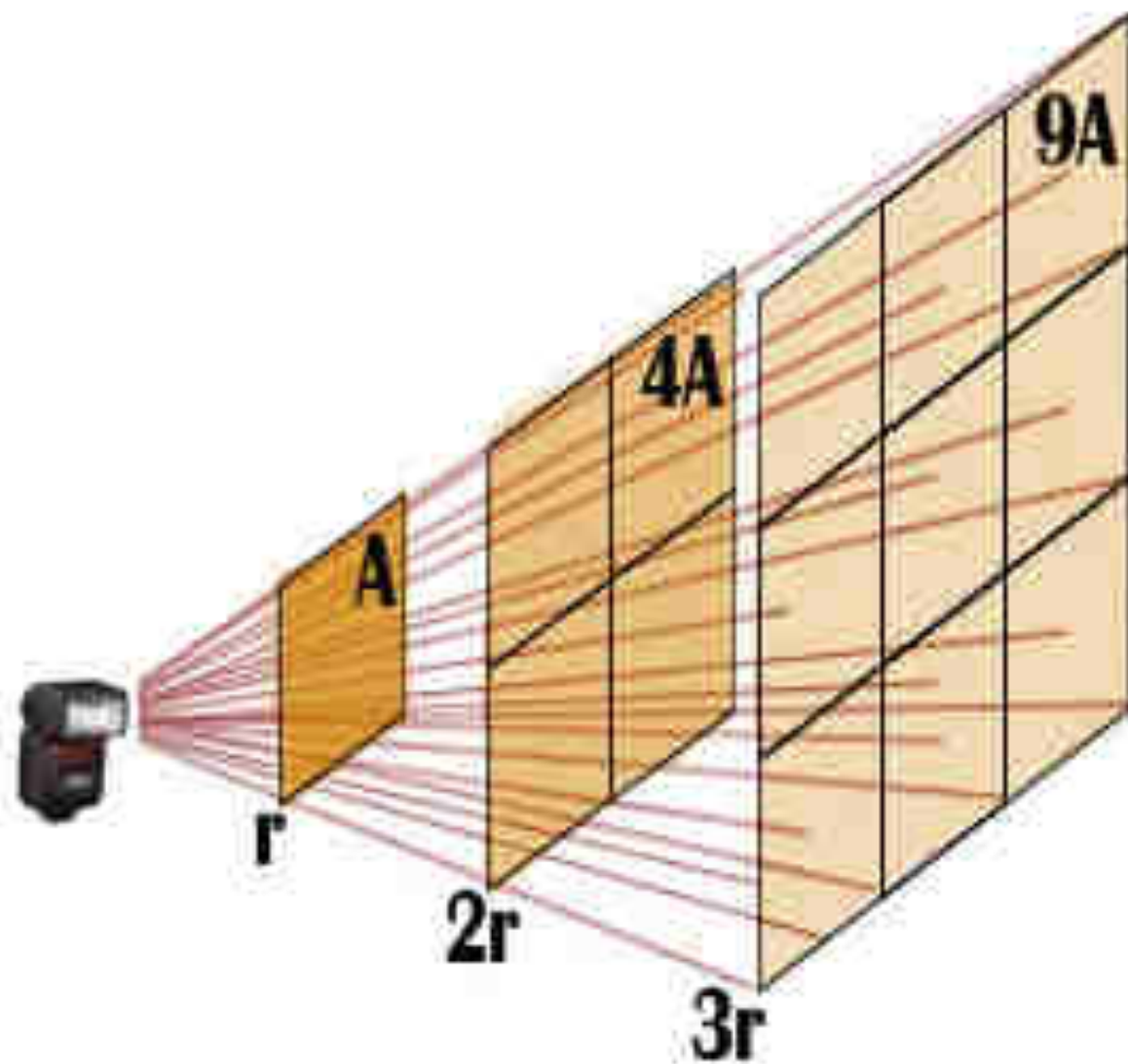
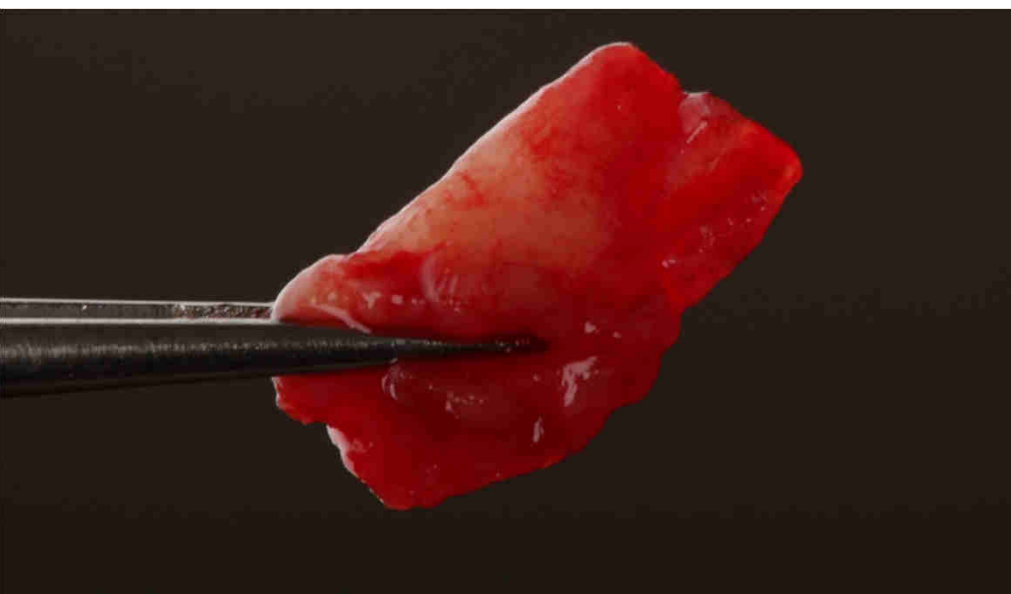
Try with one softbox

Skills:

Take 2 pics:

Model with black
background





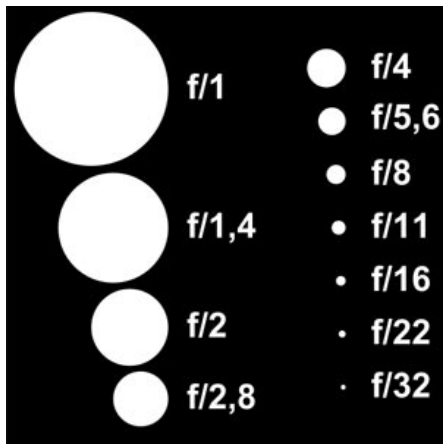
Product Photography

nº3

Soft-Box -2

Try with TWO softboxes

Diaphragm → **f/ 16 to 32**
Focus mode → **auto puntual / Manual**
Hand Flash → **Manual min power**



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**









Product Photography

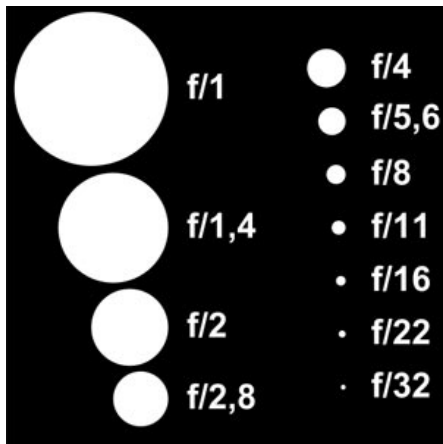
nº4

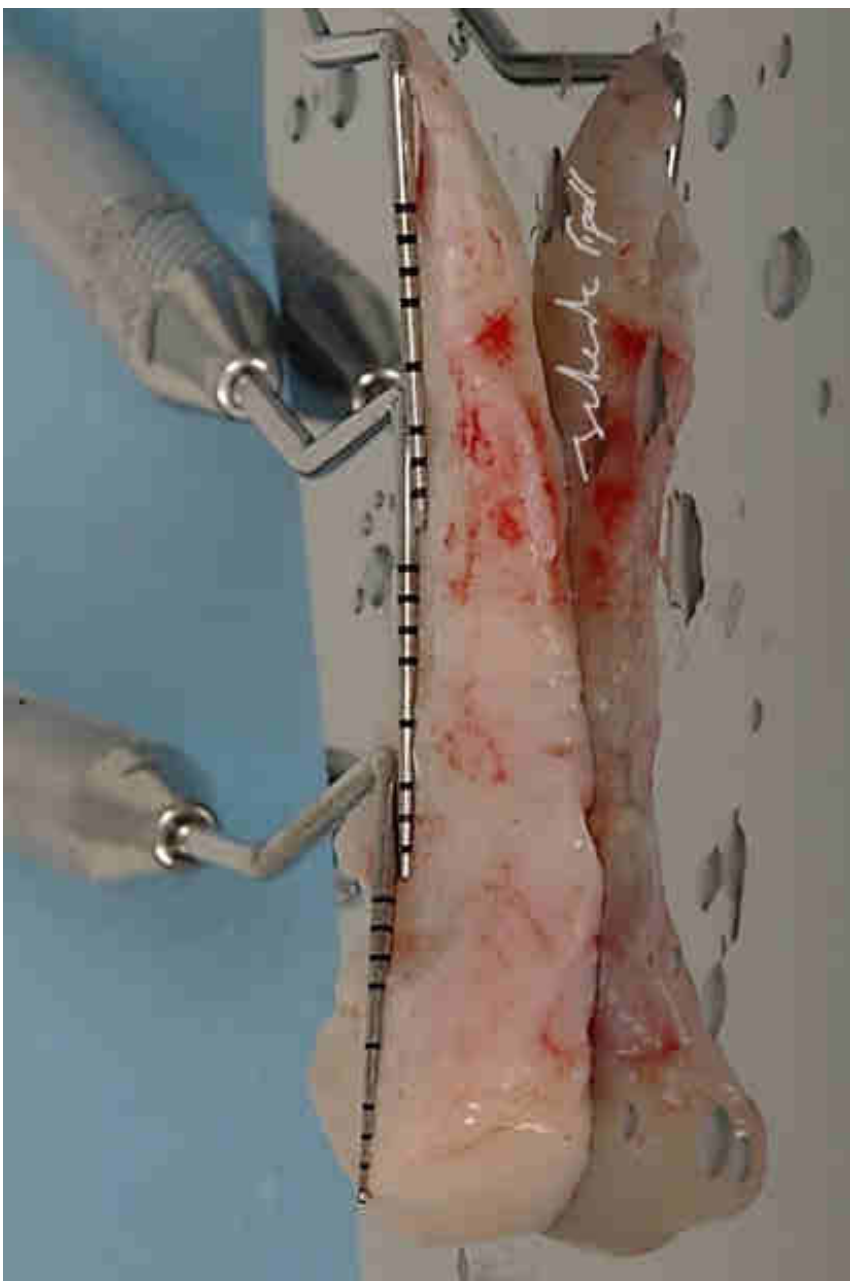
Try with a mirror : Black & white background. Only one soft box

Diaphragm → f/ 16 to 32

Focus mode → auto puntual / Manual

Studio Flash → Manual





Product Photography

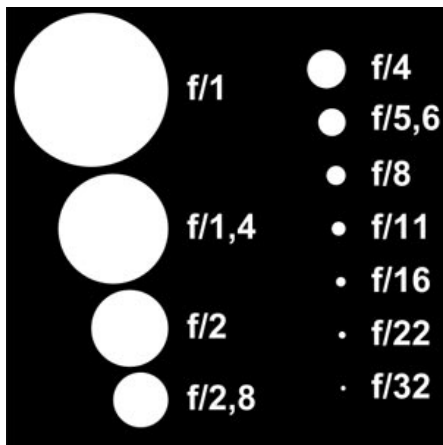
nº5

Try with a mirror and colors Only one softbox

Diaphragm → f/ 16 to 32

Focus mode → auto puntual / Manual

Studio Flash → Manual



Product Photography

nº5

Try with a mirror and colors
Only one softbox

Move the coloured
background



Product Photography

nº6

Play with a reduced depth of field
Only one soft box

Diaphragm →

f/ 5

Focus mode →

auto puntual / Manual

Studio Flash →

Manual



Product Photography

nº7

Try with a Ring Flash with paper

Diaphragm →

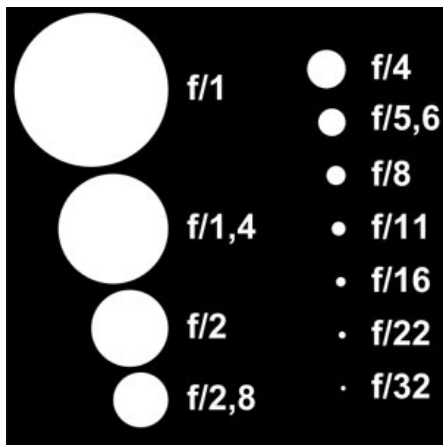
Focus mode →

Ring Flash →

f/ 16 to 32

auto puntual / Manual

TTL



Shutterspeed → 1/125
Native ISO → ISO 100
WB → Flash / Auto



Product Photography

nº8

Try with a single twin flash with paper

Diaphragm →

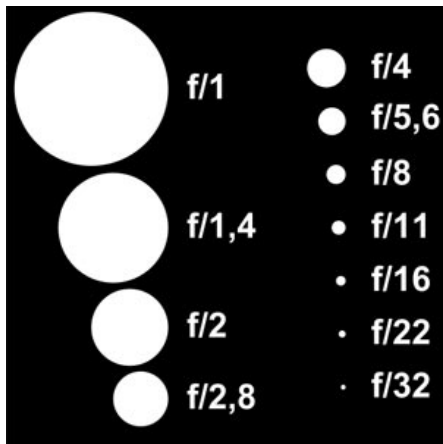
f/ 16 to 32

Focus mode →

auto puntual / Manual

Flash →

TTL



Shutterspeed → **1/125**
Native ISO → **ISO 100**
WB → **Flash / Auto**

