RICHSMILE DESIGN

GO NATURAL..... DIGITALLY!

RSD PHOTO PROTOCOL

FRONTAL PICTURE SMILING:
(All photos and videos should cover only the head, face, and neck region.)

FRONTAL PICTURE SMILING:

WORK STEP 01

Always remain 1 meter away from the patient with a phone camera, and for a DSLR, 100 macro lens at 2 meter (to prevent distortion).

WORK STEP 02

Keep the camera at the patient's eye level.

WORK STEP 03

Phone cameras or DSLRs straight (tripod devices help).

WORK STEP 04

Make sure that you can see the same amount of both ears. Most importantly, ensure that the face is not rotated horizontally.

WORK STEP 05

Make sure the patient does not lift their chin up or down when smiling. This gives wrong reading on smile curve. (very common!).

WORK STEP 06

Make sure the incisal edges are not covered by the lower lip. Maintain a gap of at least 5 mm between the incisal edges of maxillary anterior teeth and the lower lip vermilion border.

WORK STEP 07

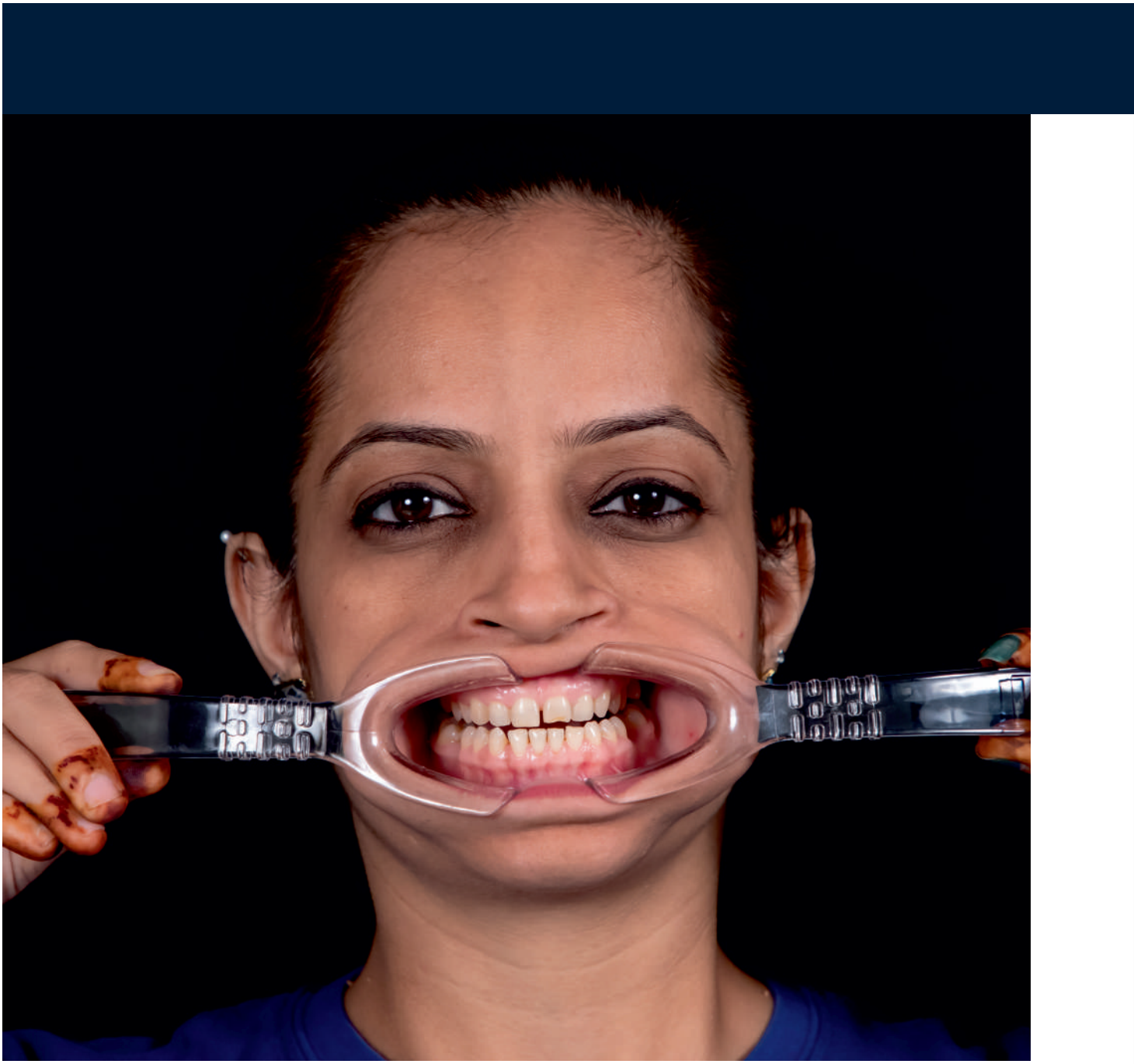
The patient should be looking at the camera and eyes should be open.

WORK STEP 08

Make sure you put the focus on the patient's mouth.

WORK STEP 09

An imaginary line should pass through both the bases of the nose and touch both ear lobes.



FRONTAL PICTURE CHEEK RETRACTED:
(All photos and videos should cover only the head, face, and neck region.)

FRONTAL PICTURE CHEEK RETRACTED:

WORK STEP 01

Always remain 1 meter away from the patient with a phone camera, and for a DSLR, 100 macro lens at 2 meter (to prevent distortion).

WORK STEP 02

Keep Camera at the patient's eye level.

WORK STEP 03

Phone/camera straight (tripod devices help).

WORK STEP 04

Make sure that you can see the same amount of both ears (Most important) to ensure that the face is not rotated horizontally.

WORK STEP 05

Make sure the patient does not lift their chin up or down when smiling. This gives wrong reading on smile curve. (very common!).

WORK STEP 06

Make sure the incisal edges are not covered by the lower lip. Maintain a gap of 5mm minimum between incisal edges of maxillary anterior teeth and lower lip vermilion border.

WORK STEP 07

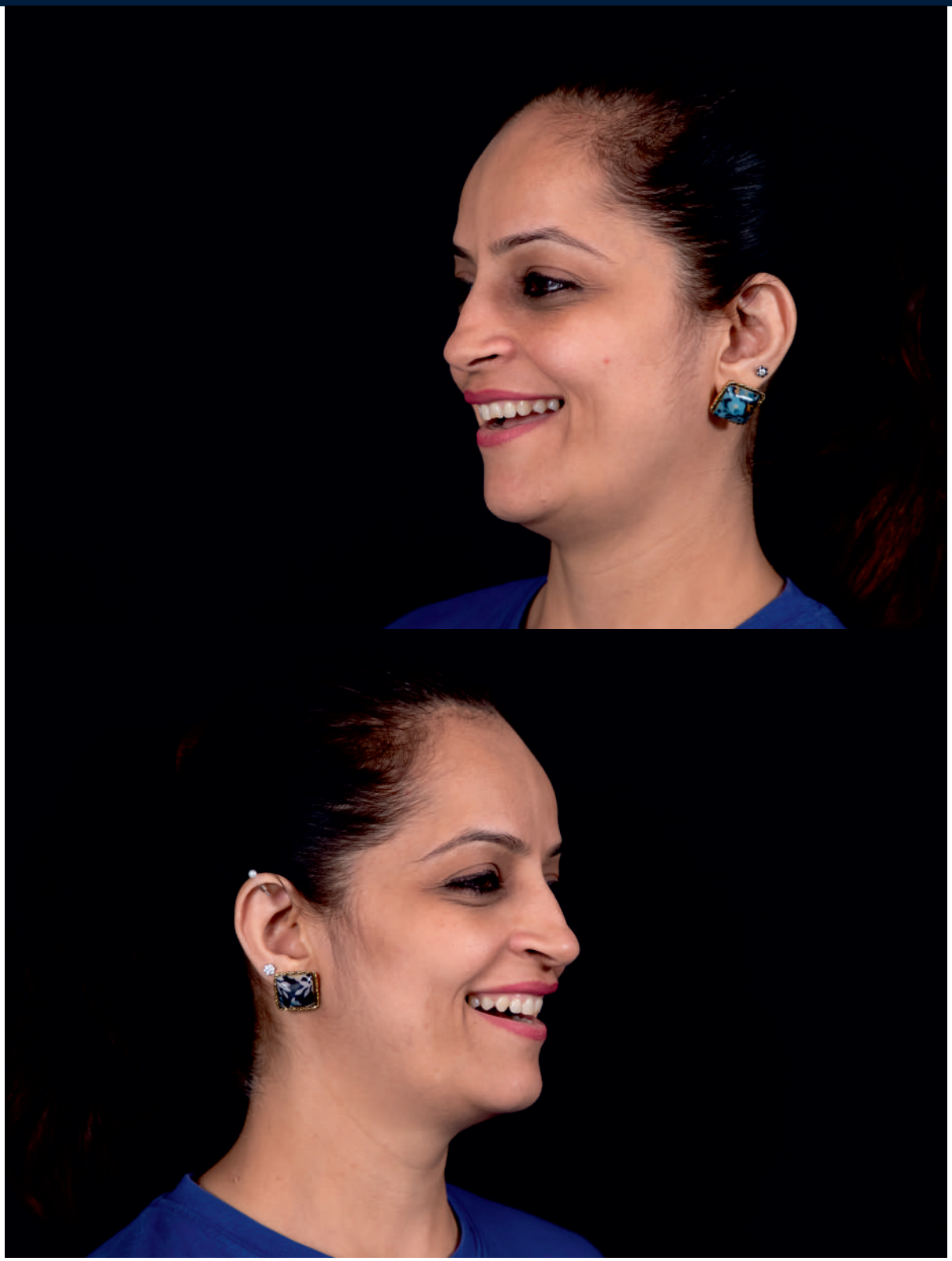
The patient should be looking at the camera and eyes should be open.

WORK STEP 08

Make sure you put the focus on the patient's mouth.

WORK STEP 09

An imaginary line should pass through both base of the nose and touch both ear lobes



SMILING PICURES AT 45 Degree RIGHT & LEFT :
(All photos and videos should cover only the head, face, and neck region.)

SMILING PICURES AT 45 Degree RIGHT & LEFT :

WORK STEP 01

Always remain1 meter away from the patient for phone camera for DSLR 100 macro lense 2 meters (to prevent distortion).

WORK STEP 02

Keep camera at the patient's eye level.

WORK STEP 03

Phone/camera straight (tripod devices help).

WORK STEP 04

Make sure the patient does not lift their chin up or down when smiling. This gives wrong reading on smile curve. (very common!).

WORK STEP 05

Make sure the incisal edges are not covered by the lower lip. Maintain a gap of 5mm minimum between incisal edges of maxillary anterior teeth and lower lip vermilion border.

WORK STEP 06

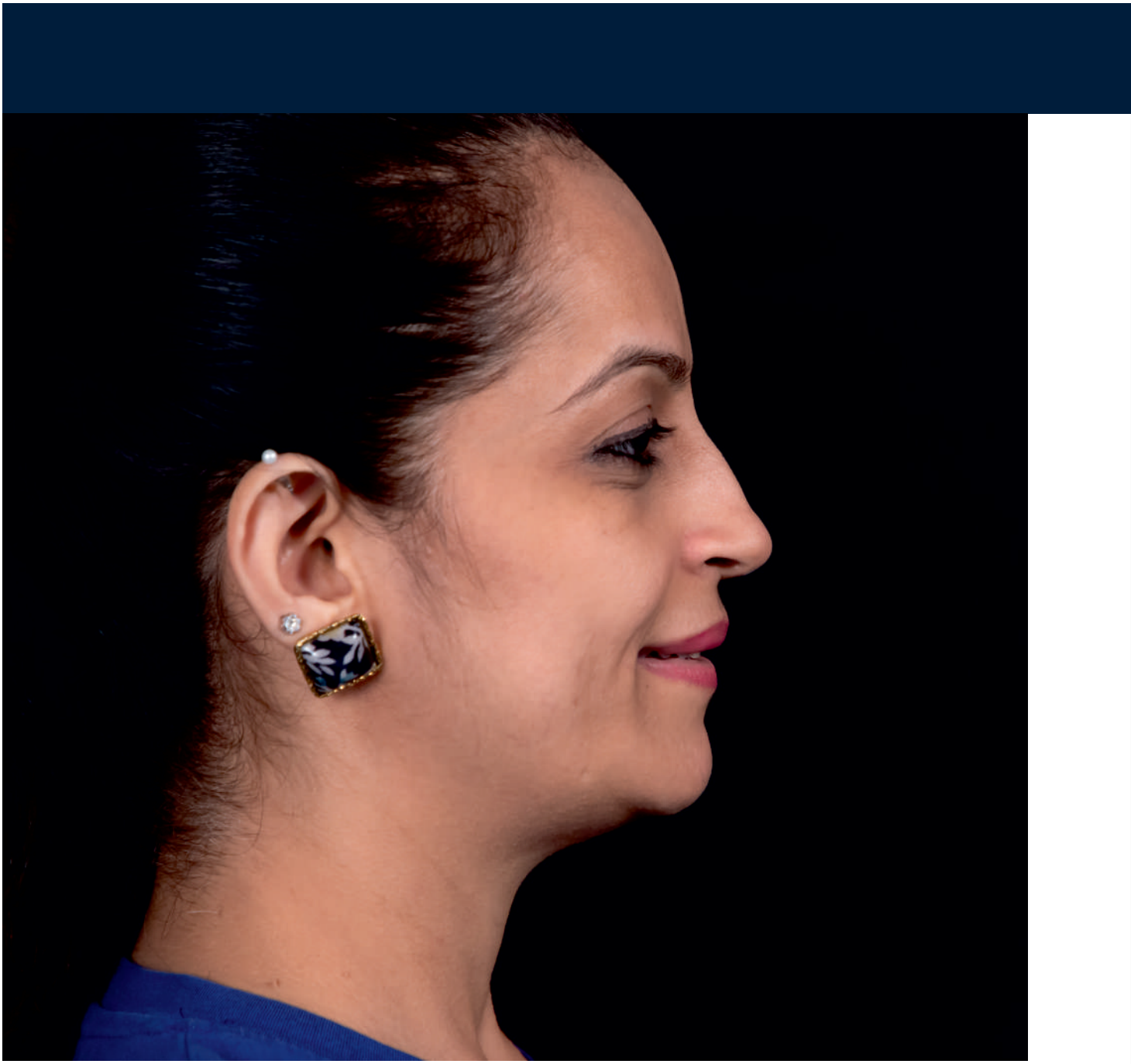
Make sure you are able to see Cusp tip of atleast 2 nd premolar.

WORK STEP 07

Make sure you put the focus on the patient's mouth & ear should be visible.

WORK STEP 08

This photo is important to develop curve of spee in 3D planning.



Profile Picture at Rest:
(All photos and videos should cover only the head, face, and neck region.)

PROFILE PICTURE AT REST:

WORK STEP 01

1 meter away from the patient (to prevent distortion).

WORK STEP 02

Keep Camera at the patient's eye level.

WORK STEP 03

Phone/camera straight (tripod devices help).

WORK STEP 04

Right profile (always!).

WORK STEP 05

Patient should be looking at the horizon.

WORK STEP 06

Make sure the patient does not lift their chin up or down.

WORK STEP 07

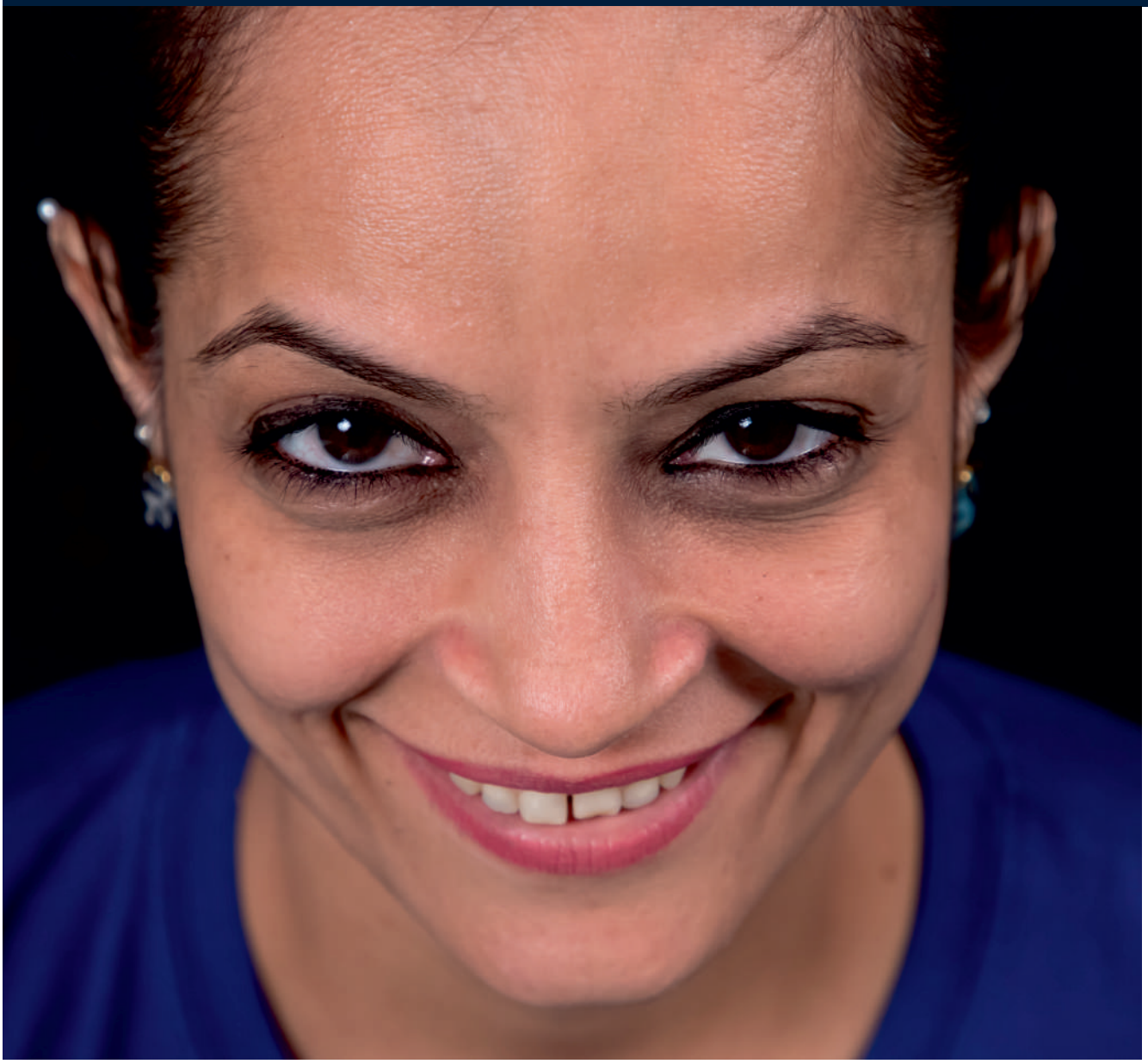
Ask the patient to breath through mouth and then relax.

WORK STEP 08

Some patients will struggle to get this position correct. You can record a video of them making this sound and then take a screenshot.

WORK STEP 09

Make sure you put the focus on the patient's mouth, this way it will be the sharpest area of the picture.



Frontal 12 o'clock Picture
(All photos and videos should cover only the head, face, and neck region.)

FRONTAL 12 O'CLOCK PICTURE

WORK STEP 01

Camera: this photo to be taken from front while patient sitting on chair and you standing

WORK STEP 02

Ask the patient to place their chin near to their chest.

WORK STEP 03

Patient should be looking at the camera.

WORK STEP 04

Make sure that you can see the same amount of both ears to ensure that the face is not rotated horizontally.

WORK STEP 05

Maximum smile.

WORK STEP 06

Make sure the incisal edges are not covered by the lower lip.

WORK STEP 07

If the patient has wear, short teeth or long lip and incisal edges are not shown: ask the patient to lift their lip with their fingers in the smile direction until you are able to see tooth structure.

WORK STEP 08

At least the incisal edges from canine to canine should be shown.

WORK STEP 09

How do we know when we have a good 12 o'clock position? The tip of the nose should be at the beginning of the upper lip in this view and not cover the teeth.

WORK STEP 10

Make sure you put the focus on the patient's mouth, this way it will be the sharpest area of the picture.

Video

IT IS MANDATORY TO DO THE PHOTO AND VIDEO PROTOCOL ON A DEDICATED CHAIR AGAINST A PLAIN WALL. PATIENT SHOULD BE SEATING IN ERECT POSTURE. PREFERABLY AGAINST A BLACK OR WHITE BACKGROUND WITH ENOUGH LIGHT SOURCE.

VIDEO

WORK STEP 01

Smart phone video of 30 seconds involving various phonetic sounds like F, S etc. and lip dynamics. It Should cover head face neck only.

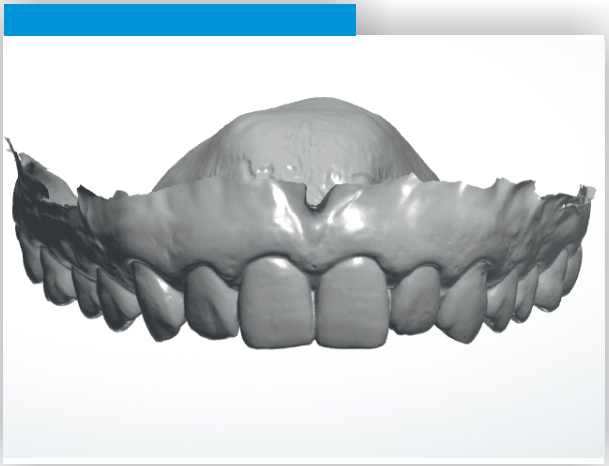
WORK STEP 02

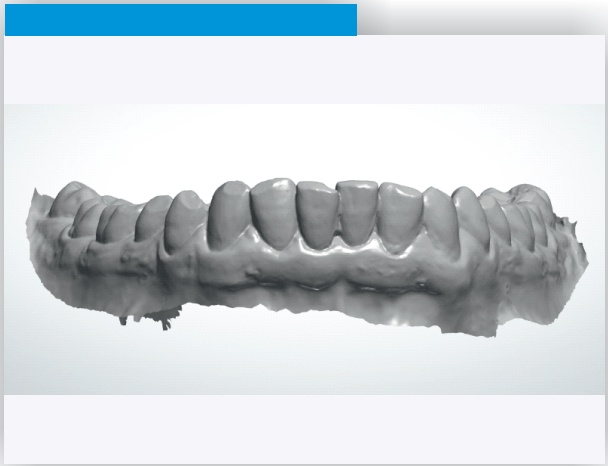
Make sure you record a short interview with the patient, talking about their wishes and expectations.

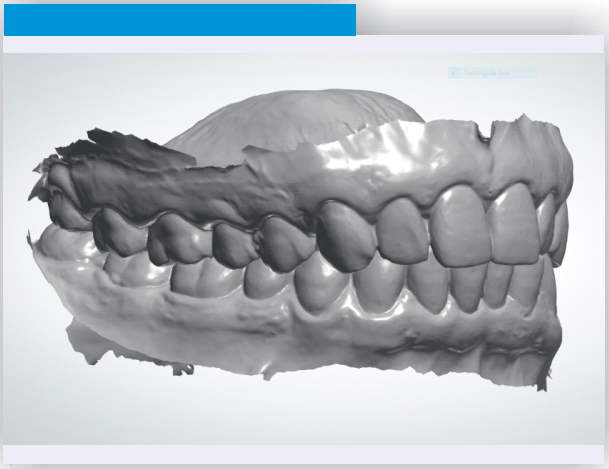
WORK STEP 03

Always ask positive questions! (What do you like about your smile? What makes a beautiful smile for you?).

RSD SCANNING PROTOCOL :







WORK STEP 01

Always scan full palate for upper jaw

WORK STEP 02

Minimum of 10 mm of attached gingiva around the teeth should be scanned for upper lower jaw scans

WORK STEP 03

Make sure scans do not have any small holes or artefacts

WORK STEP 04

While scanning the bite give preference to the software to auto align but still continue to scan few more seconds even after software signals the alignment is complete

WORK STEP 05

If scanning prepared teeth always use gingival retraction to Visualize finish line.

WORK STEP 06

Provide us with STL or PLY files

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