Quick guide

Preparations

Capture 2D photo(s)

❶ A face photo with smile

❷ A retractor photo (if gum line is not showing when smiling)
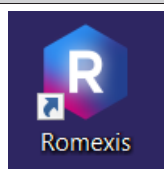

Start Romexis software

- From desktop (Windows)
- From /Applications/Planmeca (MacOS)

Create a new patient (or search an existing patient)

❶ Click Add Patient button.

❷ 2 Fill in *Person ID, First name and Last name*.

❸ 3 Click Save.
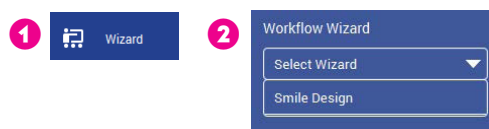

Start Smile Design

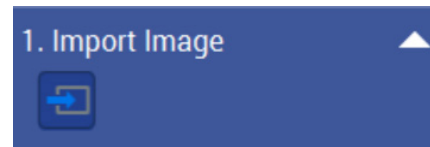Start Smile Design by clicking here.
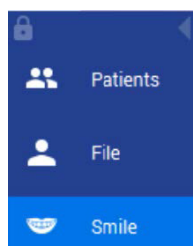
Smile Design Workflow Wizard

Open Smile Design wizard

❶ Click Wizard button from the lower left corner.
❷ Select Smile Design on the drop-down list.

 Follow the steps in the wizard.

1. Import Image

Click Import button and browse the image file.

2. Align and Crop Image

❶ Click the Align and crop button and see the short video to see how to use the tool.
❷ Drag the blue and red dot onto two reference points, e.g. the pupils.
❸ Double-click on the green control point in the middle to align.
❹ For cropping drag the borders of the image.
❺ Confirm the crop by double right-clicking.
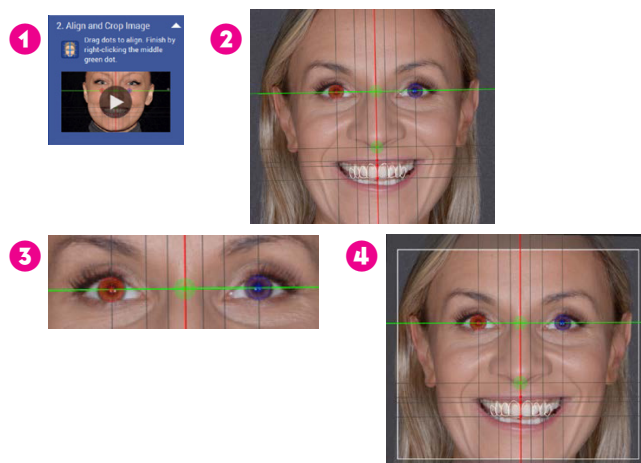
3. Calibrate Image

❶ Measure the length of e.g. the patient's incisor.
❷ Click the Calibrate button.
❸ Draw a calibration line onto the image.
❹ Type the width of the incisor.

4. Teeth Silhouette

Add teeth design
❶ Add a teeth design to the image by clicking the Teeth button.
❷ Open a suitable shape from the teeth library by clicking the pink triangle on the Teeth button.
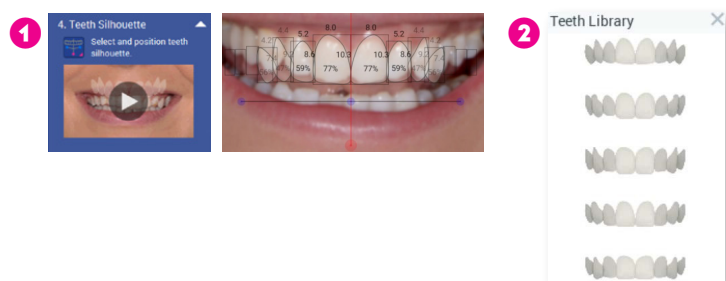
Scale, translate, bend and rotate teeth as a group
❶ To scale, translate, bend and rotate the teeth as a whole use the blue and red control points.
❷ To resize all teeth simultaneously drag the blue rectangle around the teeth.
❸ To delete the teeth design click the garbage bin in Silhouette toolbar.
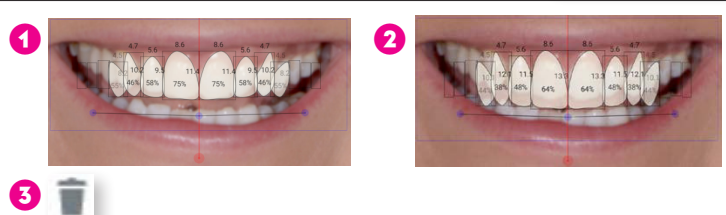
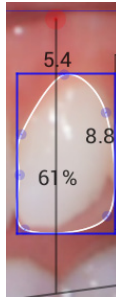|	
Rotate, scale and reshape individual tooth • Activate the tooth by clicking on it. • Rotate the tooth from the red control point. • Resize the tooth by dragging the blue rectangle. • Reshape the tooth by dragging from the blue control points. • To add a control point double-click on the tooth outline, to remove a control point double-click on it.	
Mirror, hide and reset tooth Using the rightclick menu you can: • Mirror one tooth to the opposite side • Mirror all teeth to the opposite side • Decide how many teeth to include in the design – Hide/show tooth/all teeth • Show Golden proportions ratios • Select a colour for each tooth separately • Reset a single tooth or all teeth • Save teeth designs to library	
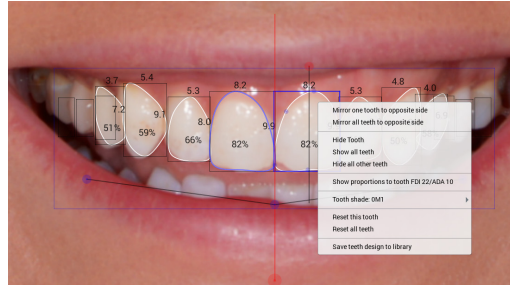
5. Define Smile Area

❶ Click the Smile Area button. ❷ Drag the line to translate or the control points to reshape. Double-click to add/remove points.	

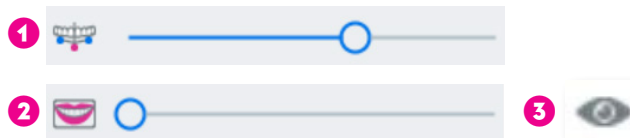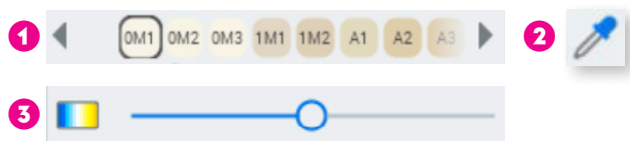## 6. Adjust Photorealism
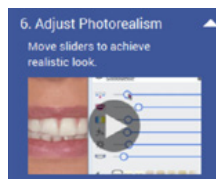
Visualise teeth ❶ Adjust transparency. ❷ Adjust photorealistic texture. ❸ Show/hide teeth design and smile area from respective eye icons.	
Select teeth shade ❶ Select shade from standard VITA classical shades and bleached shades. ❷ Select shade from the image using the Colour picker tool. ❸ Adjust shade tone.	

7. Show Comparison

Click the Compare Before and After button.	

8. Create Report

|	
Click Create Report to generate a standard report in PDF format.	

Using advanced tools

Clone brush

❶ Click the Clone brush button.

❷ Select the clone mode and the suitable settings.

❸ Clone the image area by right-clicking on a source area and clone it on desired area by dragging with the mouse.

❹ Select Warp Brush to stretch tissue by dragging with the mouse.

❺ Select Mirror to clone in mirroring mode.

❶

❷ **Clone Brush Options** ✕

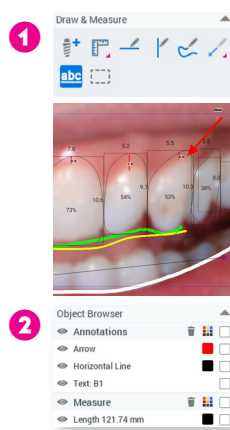Size ◯ 18

Softness ◯ 50

☐ Warp Brush ☐ Mirror

❸

❹

❺
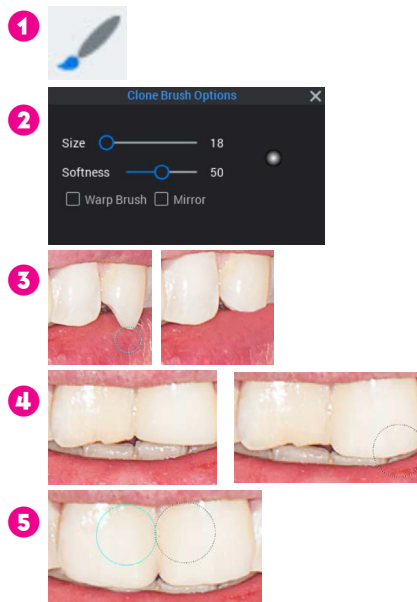
Align retractor image

❶ Import intraoral image by clicking this button.

❷ Select retractor image from folder. The images open in matching dialogue.

❸ Place the two points on both images to common places by right-click dragging.

❹ Check the positioning by adjusting transparency. Click OK.

❺ Adjust teeth and intraoral image.

❶

❷ Matching images

❸

❹ Transparency ◯

OK   Cancel

❺
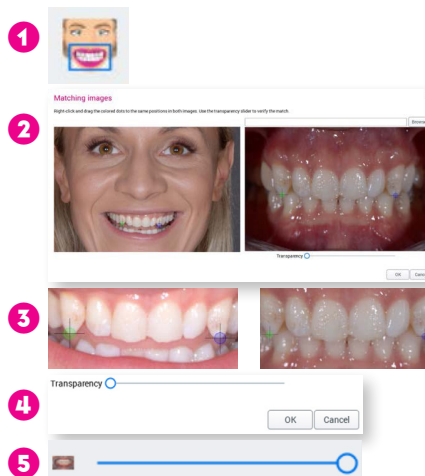
Add drawings and measurements

❶ Add a generic implant, text, lines and measurements to the image using these tools.

❷ To select annotation click on it on the Object browser.

❶
Draw & Measure

abc

❷
Object Browser
- Annotations
- Arrow
- Horizontal Line
- Text: B1
- Measure
- Length 121.74 mm

Auto Align

❶ Click the Auto Align button.

❷ Smile Design automatically aligns and crops the image, creates the teeth silhouette and the smile area.

❶

❷

Export options

Snapshot

To copy the image to clipboard use the snapshot tool.

Print

To create custom printouts use the print editor tool.

Export

- Click **Image Export** to export image in standard format or as a smile design project (can be used in other Romexis Smile Design installations).
- Click **CAD/CAM Export** to export the design to any 3D design software.
- Click **Cloud Export** to send the data via Romexis Cloud.
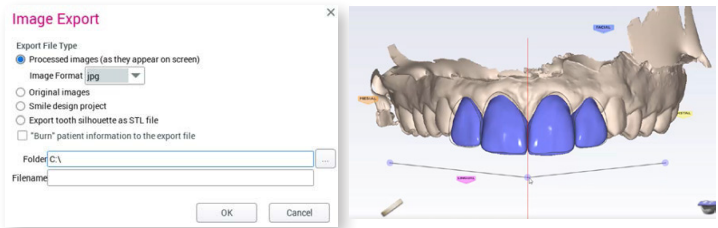
Create report

Click **Create Report** to generate a standard report in PDF format.
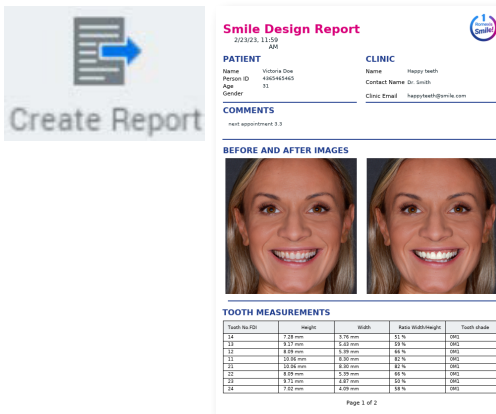
To watch tutorial videos on Smile Design, click the tutorial video link on the upper right corner of the software.