1. Fabricate the master cast using standard methods and type 4 dental stone. A gingival mask should be used to ensure the emergence profile of the crown is optimally contoured.

2. Select the correct wax-up sleeve based upon the corresponding implant platform.

3. Friction-fit the wax-up sleeve inside the master cast model.

4. Before modifying the wax-up sleeve, mark the approximate height to guide the trim.

5. Trim the wax-up sleeve within the contours of the teeth.

6. Remove the wax-up sleeve from the master cast to further modify height for accuracy and tooth shape.

7. Reduce the projecting part of the wax-up sleeve prior to applying any wax.

8. Friction-fit the wax-up sleeve into the master cast once complete.

9. Apply a scannable wax, such as Straumann CopyCAD wax, around the wax-up sleeve. Build wax around the wax-up sleeve from the bottom-up.

10. Design the desired abutment shape with respect to the soft tissue and gingival margins. Wax-up the ideal tooth preparation.

11. Make sure there are no undercuts and the screw access hole is completely filled.

12a. Remove the wax-up sleeve from the master cast to finish the surface.

12b. The surface should be smooth and free of any chips or burrs.

13. Send the wax-up sleeve and the master model to a Straumann CARES CADCAM lab for a Straumann CARES Abutment.
TIPS AND TRICKS

- Following proper wax-up techniques can help achieve the desired functional and esthetic CADCam abutment.
- Wax-up sleeves are designed for single-use only. If the sleeve is used more than once, accurate reproduction of the position of the abutment with reference to the implant position cannot be guaranteed and the milling results may be inaccurate.
- The implant-abutment interface must be clean and clear of wax or other material for accurate scanning.
- The implant-abutment shoulder, or “lip”, represents the minimal geometry of the abutment body and cannot be reduced or waxed to.
- Procedure for wax-up of tissue level and bone level sleeves is the same.

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