

Vampire Teeth Workflow Guide

SprintRay Cloud Design

This document provides SprintRay Customers with instructions on how to place a Vampire Teeth design service order and set up a print job for the resulting design in RayWare Cloud.

- 1. <u>Sign in</u> to your SprintRay Cloud Design account at <u>dashboard.sprintray.com</u>, or <u>Sign up</u> <u>for a new account</u>.
 - a. After logging in to your SprintRay account, you will automatically be taken to the Cloud Design landing page.
- 2. If you have a promo code, <u>apply your promo code</u> to your account.
 - a. Go to Profile Management and select Plan.
 - b. Copy the promo code from your email and paste it into the **Add new promo code** field.
 - c. Click the **Apply Code** button and confirm your selection in the pop-up window.
- 3. Create a patient
 - a. Click on **Cloud Design** to return to Cloud Design landing page.
 - b. Click on the **New Patient** button.

- c. Input the patient information and click **Save and Continue**.
- 4. <u>Create a new order</u> and select the **Crown & Bridge** treatment type. Choose the upper arch canines (#6 and #11) within the order form and write "**Vampire Fangs**" in the comments box.
 - a. From the Patients page, select the patient and then choose **Start New Treatment** at the bottom left corner of the window.
 - b. Select the Crown & Bridge treatment type and click Next.
 - c. Select **Crown** for the Treatment Subtype.
 - d. Click on tooth sites #6 and #11 to highlight them in red.
 - e. Add "Vampire Fangs" as a comment in the Additional Notes section and click Next.
 - f. On the Patient Files page, drag-and-drop an upper arch scan STL file and lower arch scan STL file to the **Upload Prepped Scan** section, then click **Next** (Note: Prepped scans are not needed for Vampire Teeth. Please submit standard, un-prepped intra-oral scans).
 - g. On the **Print Settings** page, select the type of printer you will use for the print. The vampire teeth model will be printed with model resin.
 - b. Use the Model and Removable Die Resin selection to indicate the resin you will use when printing the vampire teeth model. Select any option from the dropdown list for Crown Resin to satisfy the requirement. Select 100 Microns for Layer Thickness. Click Next.

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- 5. Click Submit and Pay.
- 6. <u>Review and approve</u> the design.
 - a. Once your design service is complete, you will receive a **notification via email** and on the **Patients** tab in your SprintRay account.
 - b. Upon opening the case, you can perform a 3D preview of the design.
 - c. After reviewing the design, select Approve Treatment.
- 7. To set up the print in RayWare Cloud, select Add to Print Job.

- 8. Print the model.
 - a. Within RayWare Cloud, select Send to Printer.
 - b. Select your printer from the available printer list.
 - c. Select **Send to Queue** or **Print Now** to send the print job to your printer.
- 9. Post-process the model.
 - a. Models should always be post-processed per the recommendation in the resin Instructions For Use (IFU).
 - b. Always ensure models are completely clean before post-curing in the ProCure units. Select the correct profile for the resin being used.

10. <u>Vacuum form a retainer over the model</u>.

- a. After post processing the print, fabricate a retainer appliance using the printed model and a thermoform method, also known as a suckdown.
- b. Coat a non-stick separating medium on the models, then place them on the thermoforming machine for appliance creation.

11. Cut and finish retainer.

- a. Allow the plastic to cool, trim away from the model into an arch shape, then wash.
- b. Start by trimming the excess away from the model.
- c. Next, cut along the midline of the model.
- d. Then, trim away the distal portions of the heels of the arches.
- e. Finally, use a tool to pry the appliance away from the model gently.
- 12. Color the fangs with flowable composite or aligner paint.
 - a. Once you have trimmed the retainer, use flowable composite or aligner paint to colorize the fangs.
 - b. Use a small brush or syringe to add flowable composite or aligner paint to the inside of the retainer at the canine tooth sites.
 - c. Allow the flowable composite to cure.
 - d. Your vampire teeth are now finished and ready to wear!