User Guide for the 3D Web Viewer for Jaw Models

Overview

This guide will help you navigate and use the 3D web viewer for jaw models effectively. Below, you'll find descriptions of the viewer's interface elements and how to interact with them.

Sample Link: https://wyl-asg.github.io/finale/?id=OAJBLhkNOQoOdFADDmMBGQ

Interface Elements

Top Right Corner

- **Reset Orientation Button**: Resets the model to its default orientation.
- **Lock Rotation Button**: Locks the model's rotation to prevent unintended changes.

Expandable 2D Viewer

- **2D Viewer**: Click to expand the 2D view of the model.
  - **Closing the Expanded View**: Click on the black area around the 2D viewer to close it.

Top Left Corner

- **Control Panel**: Manage the visibility and transparency of the model's parts.
  - **Scroll**: Scroll through the different parts of the model.
  - **Toggle Model Visibility Button**: Located at the bottom of the control panel, toggles the visibility of the entire model.
  - **Toggle Control Panel Visibility Button**: Located at the top of the control panel, hides or shows the control panel.
  - **Heatmap Display**: If available, toggles the display of the undercut heatmap and occlusion heatmap.
  - **Color Code Reference**: Displays below the control panel for easy reference.

Bottom Left Corner

- **Model Information**: Contains details such as the creation date, last updated date, and the user who updated it.

Bottom Right Corner

- **Case ID**: Provides the unique identifier for the model.
- **Load Closed Jaw Model Button**: Loads the closed jaw model for better occlusion view.

Controls

Desktop

- **Right Click**: Move the model around the screen.
- **Left Click**: Rotate the model. Ensure the model or the area of interest is centered on the screen for optimal rotation.
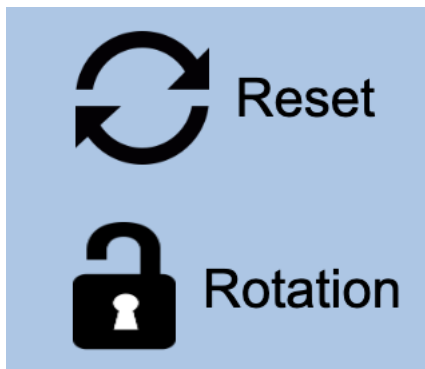- **Scroll Wheel**: Zoom in and out of the model.

Mobile

- **Single Finger Slide**: Rotate the model.
- **Two Fingers Slide**: Move the model around the screen.
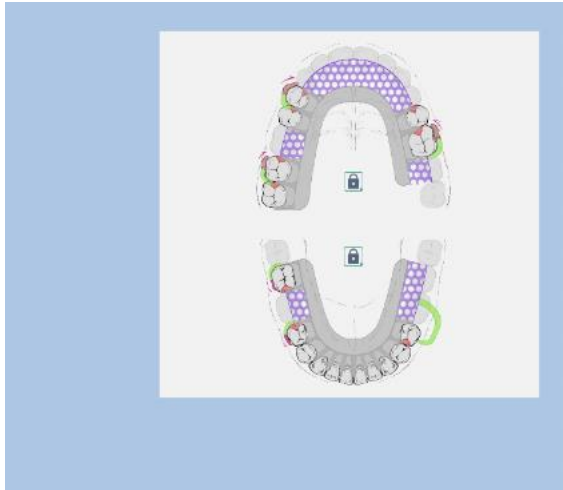- **Pinch and Spread**: Zoom in and out using two fingers.

Image Depictions

Include images for better understanding of the following sections:

1. **Top Right Corner**: Show the reset and lock rotation buttons.

2. **Expandable 2D Viewer**: Demonstrate how to expand and close the viewer.

3. **Top Left Corner Control Panel**: Highlight the visibility and transparency controls, including the heatmap options and color code.

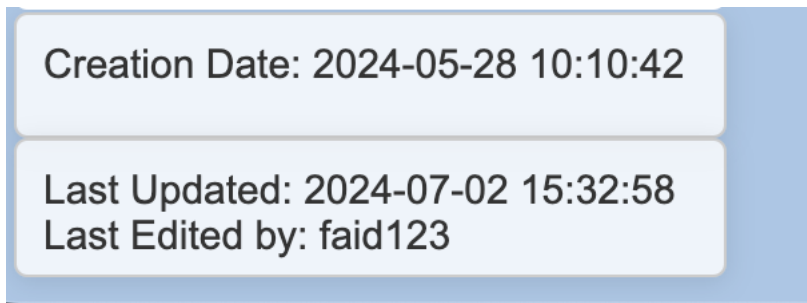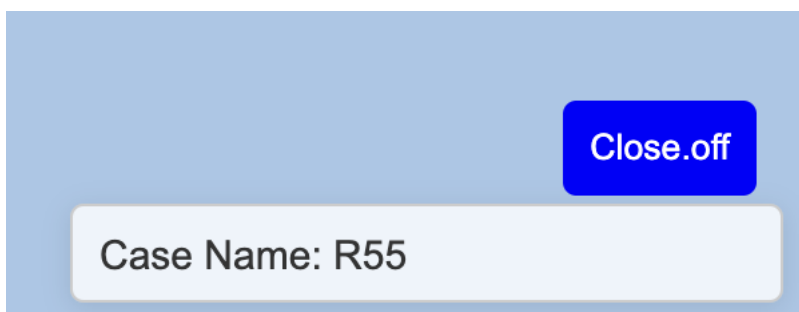**Close controls**

☑ ━━━━━━━━━━●

Undercut ☐

Occlusion ☐

☑ ━━━━━━━━━━●

Undercut ☐

Occlusion ☐

☑ ━━━━━━━━━━●

Metallic ☐

Undercut(mm)   **Occlusion(mm)**

☐ 0.25   ☐ 0.1

☐ 0.5   ☐ 0.25

☐ 0.75   ☐ 0.3 - 0.4

☐ > 0.75   ☐ 0.5

4. **Bottom Left Corner Information**: Example of model information display.

Creation Date: 2024-05-28 10:10:42

Last Updated: 2024-07-02 15:32:58
Last Edited by: faid123

5. **Bottom Right Corner Case ID and Closed Jaw Model Button**: Show the location and function of these elements.

Close.off

Case Name: R55

This guide provides a comprehensive overview of the 3D web viewer for jaw models, ensuring you can make the most out of its features and functionality.