

TRINETRA GUIDE · CARDIAC SURGERY SUITE

PRODUCT USER GUIDE

A concise workflow for Casebook, Studio, Prep, Review, reporting and Demo & Learning.

VERSION

0.1.8

FOR

Research and education teams

UPDATED

15 September 2026

RECOMMENDED WORKFLOW

1

Create the case in Casebook

Record a de-identified reference, diagnosis, project, stage, notes and tags.

2

Attach working files

Keep the Trinetra project, review package, report and approved source files with the case.

3

Open in Studio

Load the case scene, confirm units and orientation, then compose the required views.

4

Prepare only when needed

Send the active model or scene to Prep, analyse first, edit conservatively and analyse again.

5

Save twice

Save a desktop copy and save or attach the current project and report to Casebook.

6

Package for review

Create a restricted Trinetra review package for viewers who must not import source meshes or use protected exports.

WORKSPACES

Workspace	Use it for	Key actions
Casebook	Case management	Create cases, attach files, track stage, open Studio or Prep, retain reports.
Studio	3D review and planning	Load multi-model scenes, style, measure, annotate, cut, save views and present.

Workspace	Use it for	Key actions
Prep	STL preparation	Analyse mesh health, clean, split, smooth, hollow, cut, patch and export STL.
Review	Restricted viewing	Open premade Trineta review files; inspect and collaborate without source-file import.
Demo & Learning	Teaching library	Browse included CHD cases and open them directly in Review.

SELECTING A MODEL

Click the model in the 3D view or choose it in the model list. The active row and selected object are highlighted. Commands such as Send to Prep act on that active selection; scene-level commands send the complete loaded case.

Selection check

Before a destructive mesh operation, confirm the highlighted model name and save the project.

REPORTS AND SPLIT VIEW

1

Create or open a report

Use the reporting workspace associated with the current case.

2

Choose split view

Display the report beside the 3D scene while reviewing measurements and saved views.

3

Save to Casebook

Save the report and attach it to the current case record so it remains with the project.

4

Export a copy when required

Save an approved local copy for the research record.

SAVING AND SHARING

Format	Who should receive it	What it contains
.tri-project	Licensed authors	Editable scene, models and project state.

Format	Who should receive it	What it contains
Trinetra review package	Free Review users	Premade case for viewing and allowed review tools; no source import.
PNG	Figures and presentations	A flat image of the current view.
Report	Case team	Research observations saved alongside the Casebook record.

Always verify

Confirm units, orientation, coordinate convention and mesh output in an independent tool before research analysis or manufacturing.