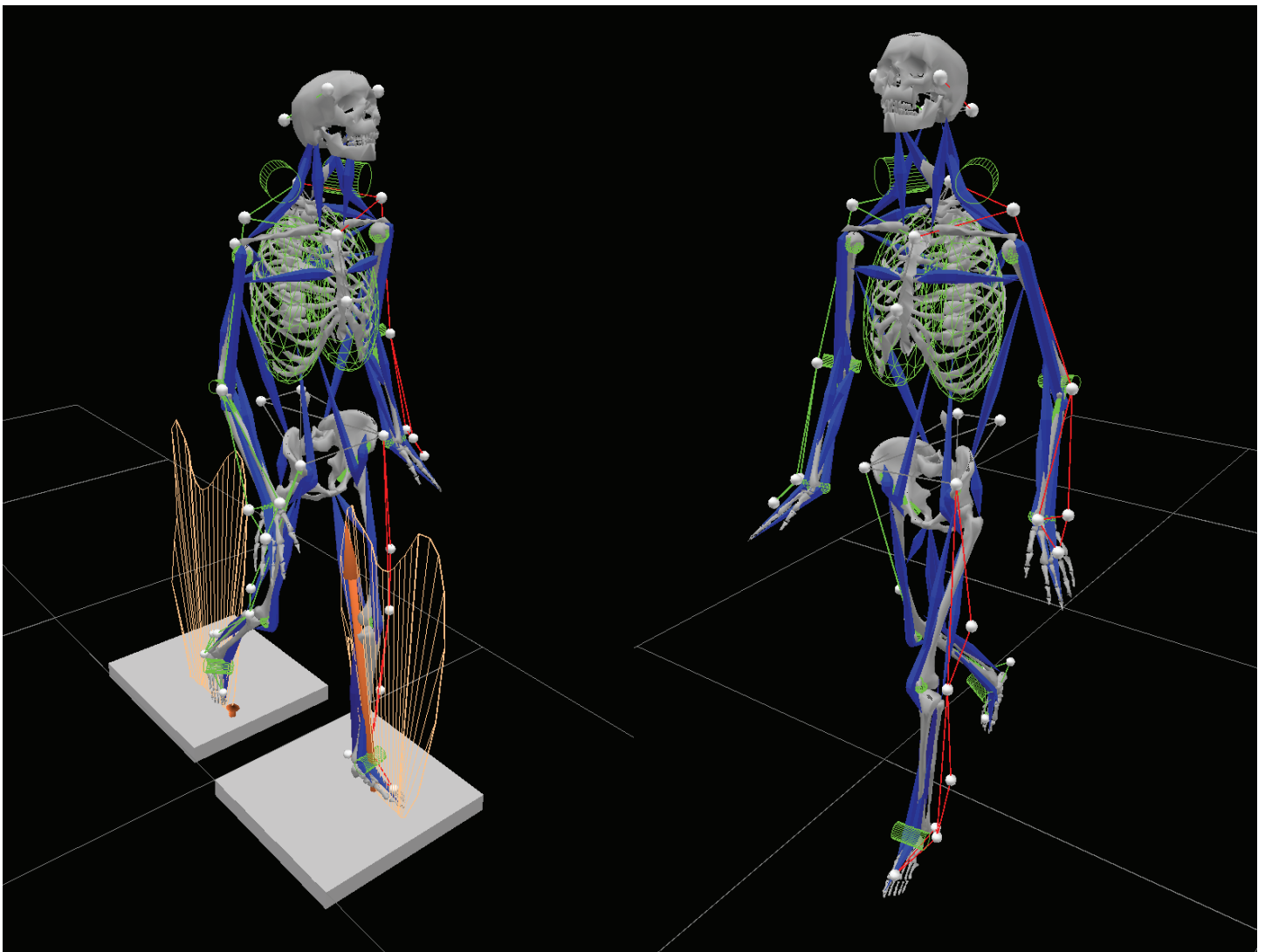


VICON POLYGON

- _ GENERATE REPORTS IN SECONDS
- _ VISUALIZE EVERYTHING
- _ EASY NAVIGATION
- _ TIME SAVING PRESENTATION TOOLS
- _ MUSCLE MODELING MODE

VICON POLYGON IS A MULTIMEDIA VISUALIZATION TOOL
ENABLING YOU TO REPORT, TEACH AND PRESENT 3D RESULTS
QUICKLY AND EASILY.



VICON POLYGON

POLYGON KEY BENEFITS

- _GENERATE REPORTS IN SECONDS USING TEMPLATES.
- _VISUALIZE ALL RELEVANT DATA IN A SINGLE APPLICATION.
- _HYPERLINK NAVIGATION MAKES BROWSING THE REPORT EASY.
- _PRESENT YOUR DATA USING POLYGON'S SLIDE MODE.
- _FULLY INTEGRATED MUSCLE MODELING MODE.

OVERVIEW

Vicon Polygon is a powerful, integrated visualization and reporting tool designed to make the presentation of 3D results quick and easy. Templates allow you to apply newly captured data to a pre-defined report layout and obtain a full clinical report in seconds. Polygon combines a web-inspired multimedia report paradigm with powerful graphing, modeling and data export tool to present you with a unique software package for reporting, teaching, presentations and research.

FULLY INTEGRATED

Vicon Polygon is fully integrated with Vicon Nexus and Vicon BodyBuilder™ through Eclipse data management which provides a standard user interface for data organization and access. Immediately view and access a hierarchy of all data files and reports.

VISUALIZE, VISUALIZE, VISUALIZE

Whether you need to show your data in 3D, as a graph or in a table, Polygon makes it easy. Depending on the data type, the correct pane automatically appears and allows you to use point-and-click interaction to change the appearance to suit your requirements. Once you are satisfied with what you see, simply create a hyperlink – at this point, your layout is saved and will be restored whenever the link is clicked.

GRAPHS

Vicon Polygon has set the industry standard for presenting kinematic, kinetic and other types of graphs. You can normalize the graphs using pre-defined events and combine any number of graph traces on the same axes for comparisons. The graphs can be presented in thumbnail mode with many graphs on the same page, and can be annotated, zoomed, highlighted or averaged.

MOVIE AND MULTIMEDIA

Synchronized reference video is automatically imported along with marker data when captured simultaneously. You can then visualize the reference video in the movie pane and link this to the text using hyperlinks. In addition, Polygon can visualize other multimedia material such as photos, web pages and Microsoft PowerPoint presentations.

TEMPLATES

If you have created a report that you want to use routinely, Polygon can save it as a template. This reduces the process of generating a new report based on this template to a few mouse clicks, allowing you to immediately concentrate on the results.

EXPORT DATA AND REPORTS

Vicon Polygon lets you export in three different ways: to Microsoft Excel, to Microsoft Word or as a self-contained report with its own freeware Polygon Viewer. Exporting to Excel gives you access to the data itself, whereas the MS Word option gives you the report's text as well as the hyperlinked graphs. The most powerful option is to export the self-contained report via the Polygon Viewer to retain the full visualization functionality of the full application.

PLUG-IN-GAIT

Polygon includes the full-body biomechanical model, Plug-in Gait. This model has been the industry standard for almost 15 years, and enables you to obtain kinematic and kinetic results that conform to validated and established clinical practices. Plug-in Gait is seamlessly incorporated into the Vicon Nexus one-click processing pipeline.

ADVANCED FEATURES

MUSCLE MODELING MODULE

This advanced feature allows you to define muscle models with muscle wrapping around objects such as spheres, cylinders and ellipsoids. Visualize models, link muscle colors to EMG activity and plot key variables such as muscle lengths, moments and moment arms.

Polygon is supplied with a ready-to-use muscle model based on published material. However, you can also choose to define your own muscle model and customize its properties.

MULTIPLE SUBJECTS

Polygon lets you display multiple, synchronous subjects in the same 3D pane. This powerful feature allows you to directly compare the movement patterns of a subject pre- and post-intervention or to compare the techniques of an expert and a novice athlete, side by side and fully synchronized.

COMMUNICATE

For further information on Vicon Polygon and other Vicon products please contact your nearest office or email info@vicon.com

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