

ARTICOR® is the innovative solution for cardiovascular pre procedural simulation, going from DICOM upload and visualization to patient-specific 3D model analysis in Mixed Reality.

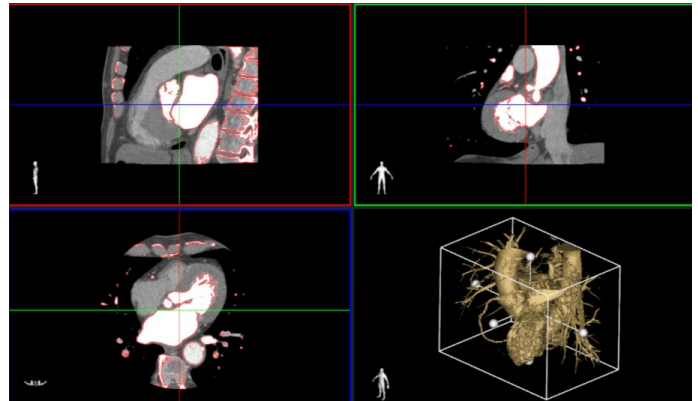
ARTICOR® is built on a 3-step modular platform with easy-to-use tools to ensure fast and reliable patient-specific approach.

STEP 1

DICOM ANALYSIS AND ELABORATION

Intuitive and fast imaging data analysis for the generation of a custom set of 3D patient-specific models.

Thanks to the seamless workflow each anatomical region might be extracted separately to ease further elaborations.

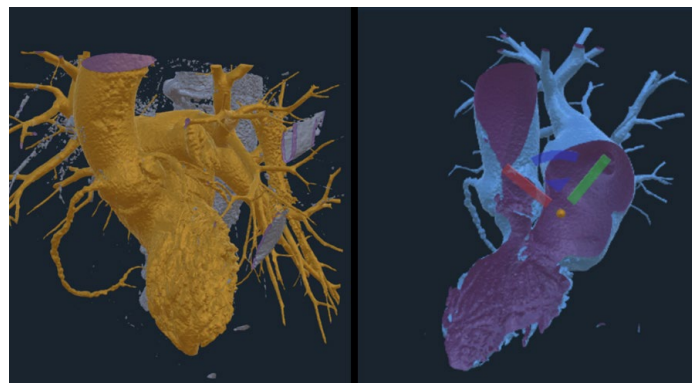


STEP 2

MODEL OPTIMIZATION

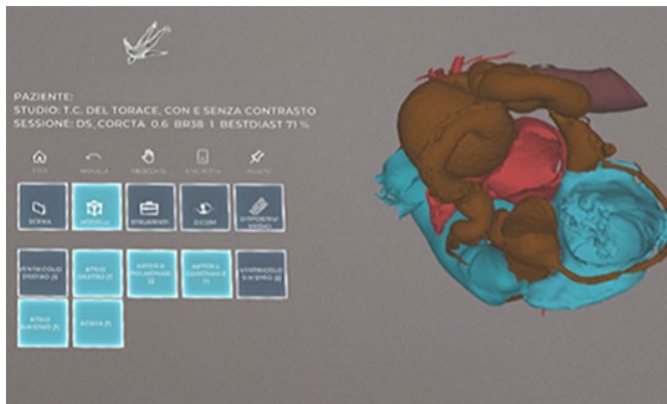
Each anatomical model can be easily optimized thanks to the available set of elaboration tools.

The interface quickly guide the user through actions such as region separation or model categoriation to obtain **the best results for the pre procedural Mixed Reality simulation phase.**



STEP 3

MIXED REALITY PRE-PROCEDURAL SIMULATION



To assess the 3D holographic patient-specific anatomy **using the Mixed Reality immersive application**.

Navigate through the uploaded models and exploit the set of tools to virtually size the device to implant **without losing any anatomical characteristic**.



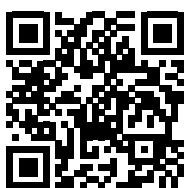
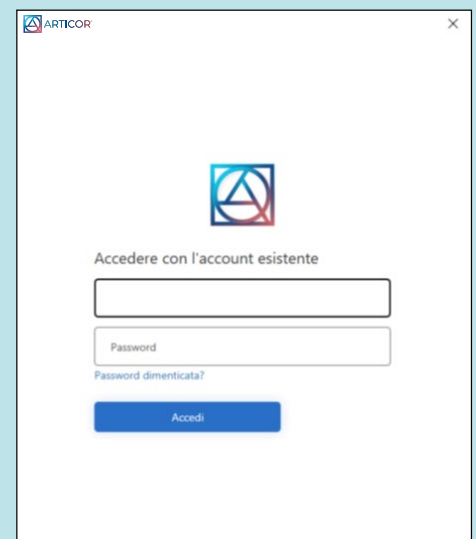
Share your patient analysis in a Mixed Reality session with your Heart Team colleagues.

Raise the clinical case discussion to a new standard with a real time collaboration on the patient avatar.

SECURE USER ACCOUNT

Access your patient reconstructions through a **dedicated login interface** with personal username and password; **your patient's data are safe in our Cloud infrastructure compliant and secured for GDPR**.

Retrieve the 3D models reconstruction and patient's information only on Mixed reality glasses for safer analysis.



For more info about **ARTICOR®**
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