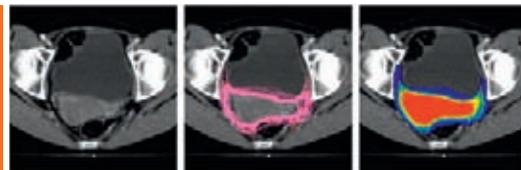




Accuracy is
nothing without
consistency.

ARTISTRUCT™



A unique QA tool to evaluate
contouring processes and structures



AQUILAB

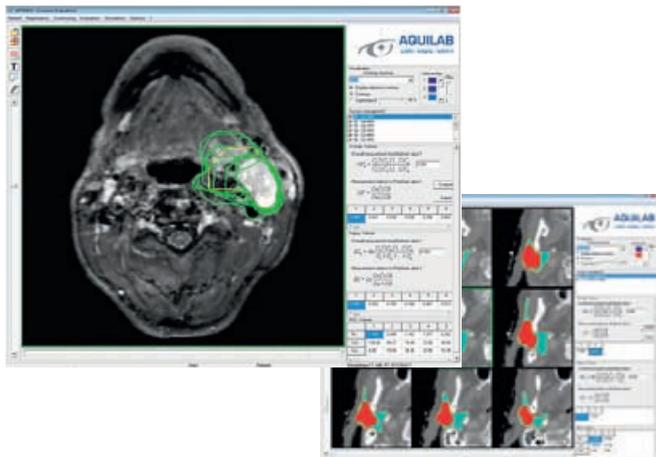
quality • imaging • systems

Accurate and fast contouring is one of the most important challenges in modern Radiotherapy.

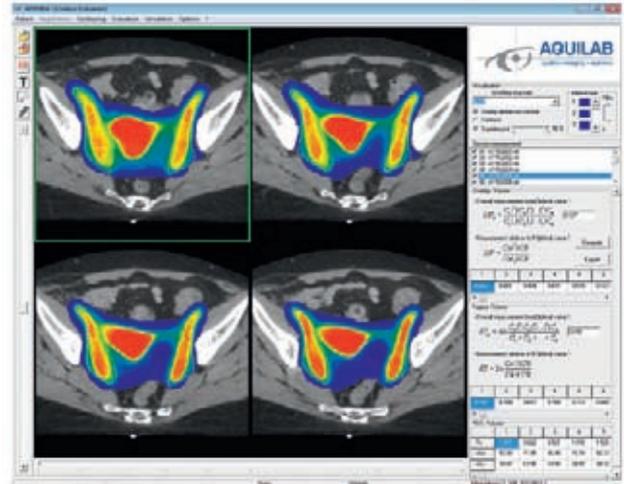
To hit tumors with high accuracy and efficiency, Targets and OARs needs to be precisely and consistently defined for planning.

Developed by experts in radiotherapy and medical imaging, ARTISTRUCT software enables you to precisely compare DICOM-RT structures using objective and clinically-relevant criteria.

Now used in renown contouring workshops and clinical studies, ARTISTRUCT has become a reference software for a structured QA of the contouring process and an invaluable tool to define consensus and build unique medical expertise.



THE FIRST-EVER EXHAUSTIVE CONTOURING EVALUATION SOLUTION



Contours evaluation in a contouring workshop

■ Evaluate your contouring process

ARTISTRUCT is compatible with all imaging equipment, contouring workstation and Treatment Planning Systems (TPS). It enables you to analyze as many DICOM-RT contouring sessions as you may want.

ARTISTRUCT has been designed to perform the most demanding contouring QA such as:

- Compare operators of a team, contours made using different imaging modalities or advanced contouring algorithms with user-defined gold standard, in order to increase contouring consistency in your department.
- Evaluate any automatic contouring algorithm before clinical implementation and assess required corrections.

■ Graphically and scientifically compare contours

ARTISTRUCT includes the most advanced features enabling users to perform QA in the best possible conditions:

- Superimpose contouring sessions on any kind of images: CT, MR, PET...
- Compare contours to any user-defined reference contouring session
- Visualize overlapping areas to easily identify the areas of agreement/disagreement
- Compute well known and published indexes such as Overlap Ratio or Kappa Index, in 2D or 3D
- Export the results in MS Excel format for traceability

■ Train and support your medical team

ARTISTRUCT is an invaluable tool to evaluate and compare results of contouring structures designed by different physicians.

To set up a workshop using ARTISTRUCT or offer your team a unique opportunity to build consensus and shared expertise, do not hesitate to contact us!

All publications on the use of ARTISTRUCT are available on our website www.aquilab.com



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