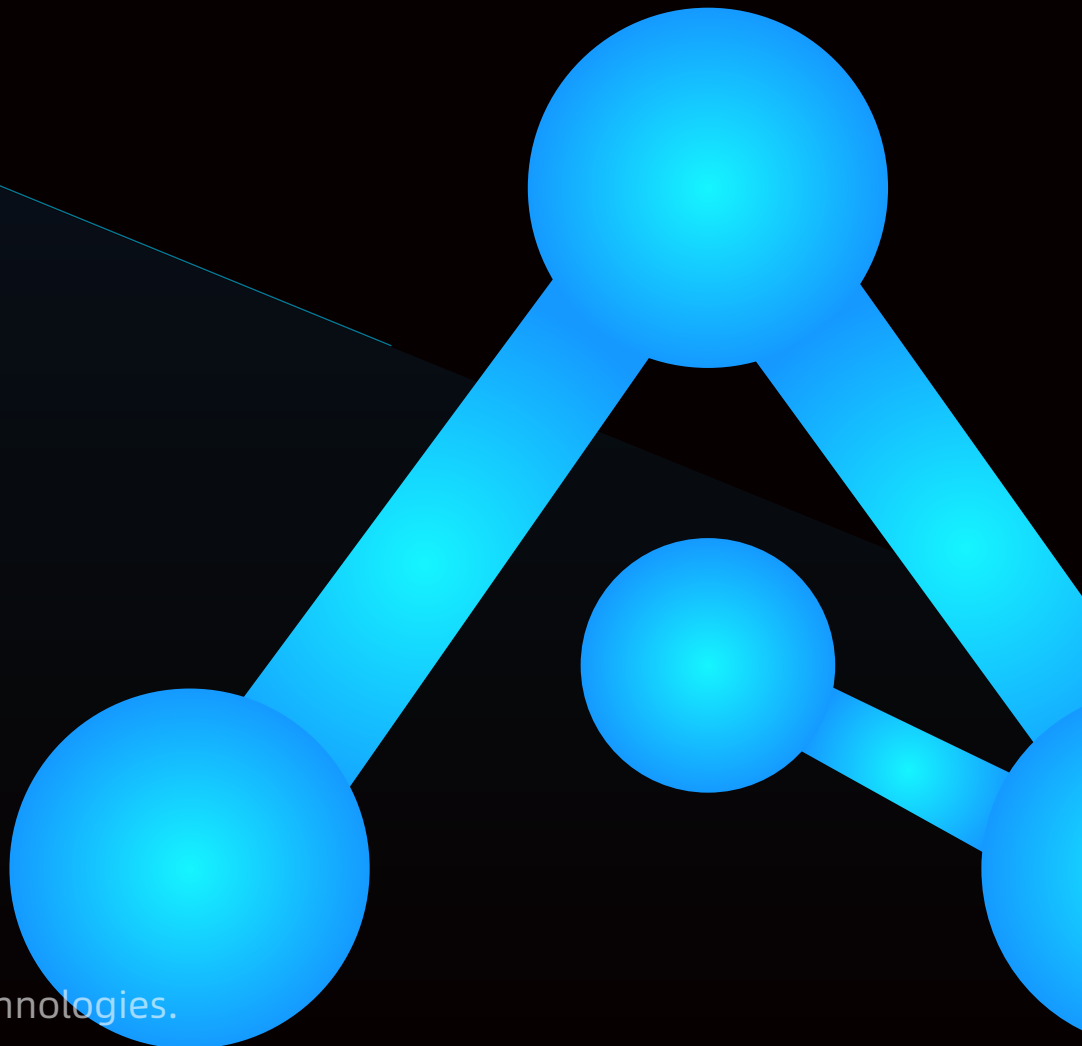


AccuContour

- **Powerful AI Contouring**
- **Even Smarter with AccuLearning**



AccuContour®

A Modular AI Assisted Platform

Flexible

Scalable

Tailored to Your Needs

AccuContour is designed as a modular platform, allowing users to select and combine only the functions they need. Each module can be used independently or integrated into a seamless workflow, enabling clinics to expand step by step toward full automation.

Available Modules

AI Auto-Contouring	P2
AccuLearning — Segment Training	P6
Deformable Registration	P8
Dose Accumulation	P9
Plan Evaluation	P10

Beyond AccuContour

AccuContour is part of the Manteia ecosystem. Its modular design allows smooth expansion into other advanced solutions

including:

Mozi TPS - Next-generation Treatment Planning System with online adaptive radiotherapy workflows

Why Modular?

- Start with the modules you need today
- Expand easily into new functionalities tomorrow
- Ensure long-term scalability across the entire radiation therapy workflow

With AccuContour, you build the solution that fits your clinic today—and grows with you tomorrow.

1000+ Clinics Validated Accuracy

AccuContour's has been validated and practiced in daily clinical workflow by over 1000 radiation therapy centers worldwide.

Extensive Contour Library Ready for use

■ 350+ Organs at Risks

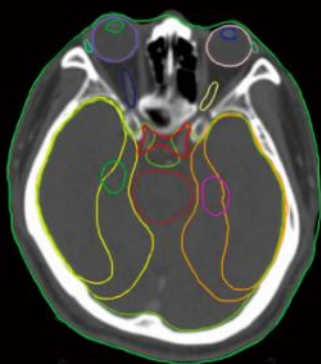
92%-100% of contours do not need manual modification.

■ 20+ Tumor Targets

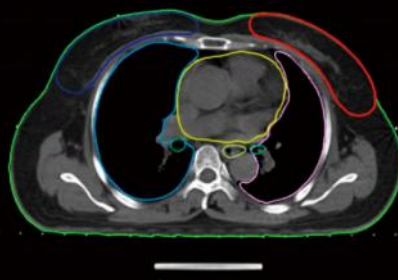
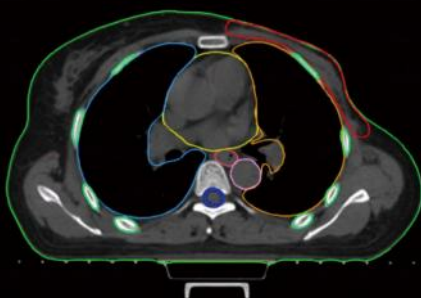
85%-93% of contours do not need manual modification.

■ Endless Contour Possibilities with AccuLearning

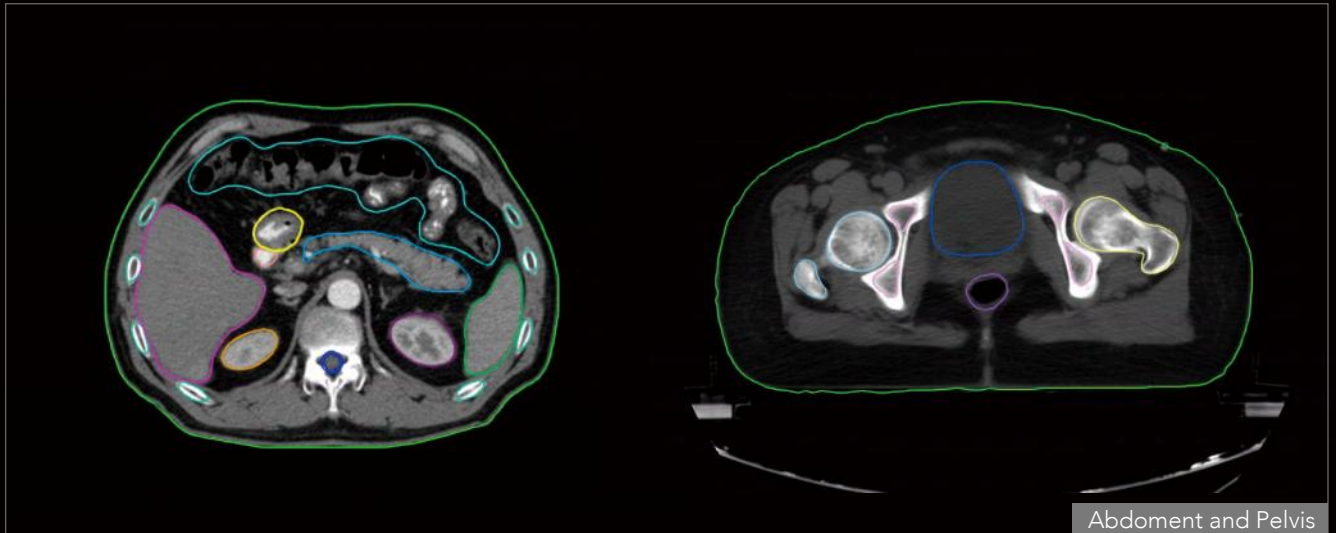
see AccuLearning on page 8



H&N and NPC

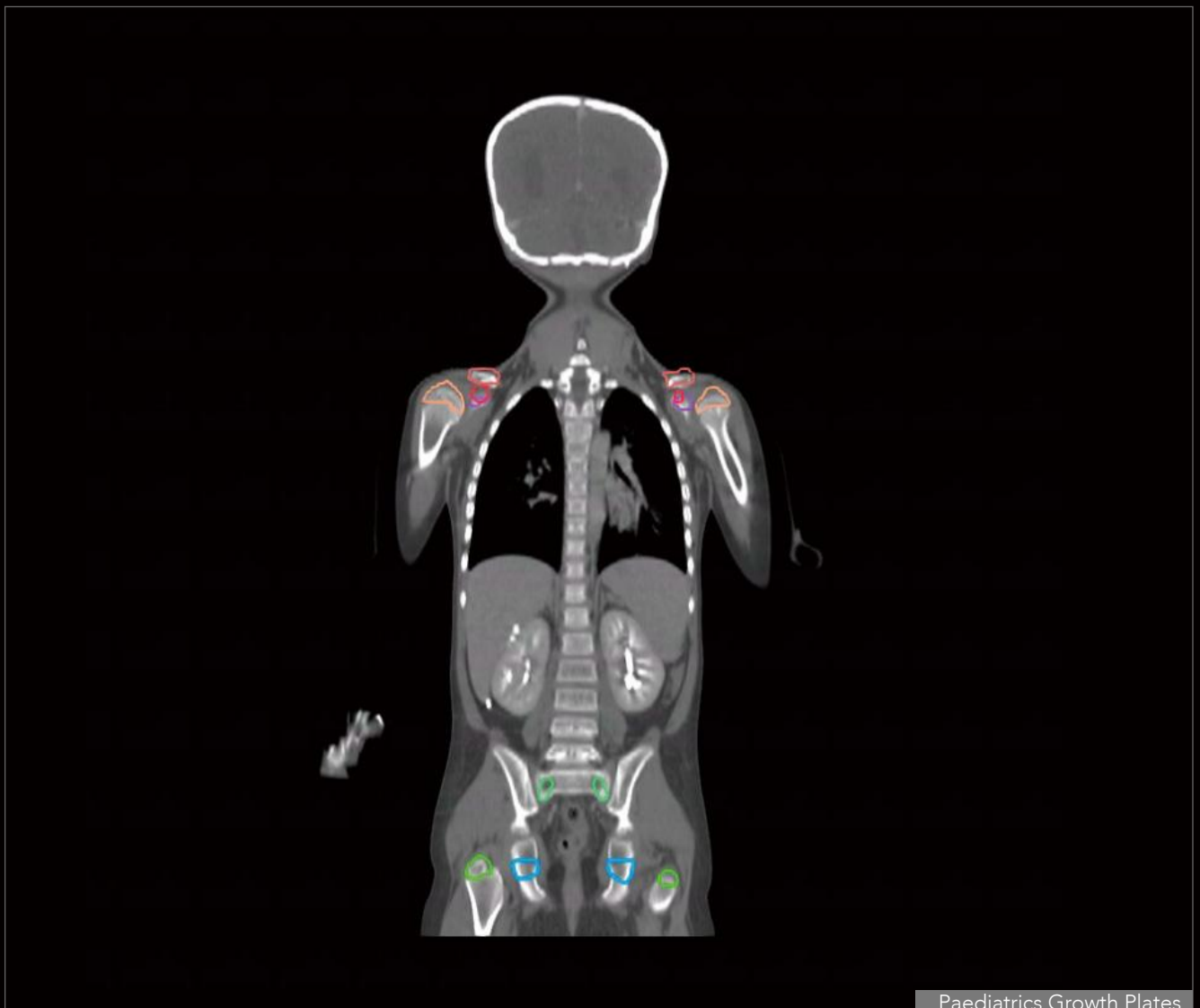


MAT & BCS Breast Cancer

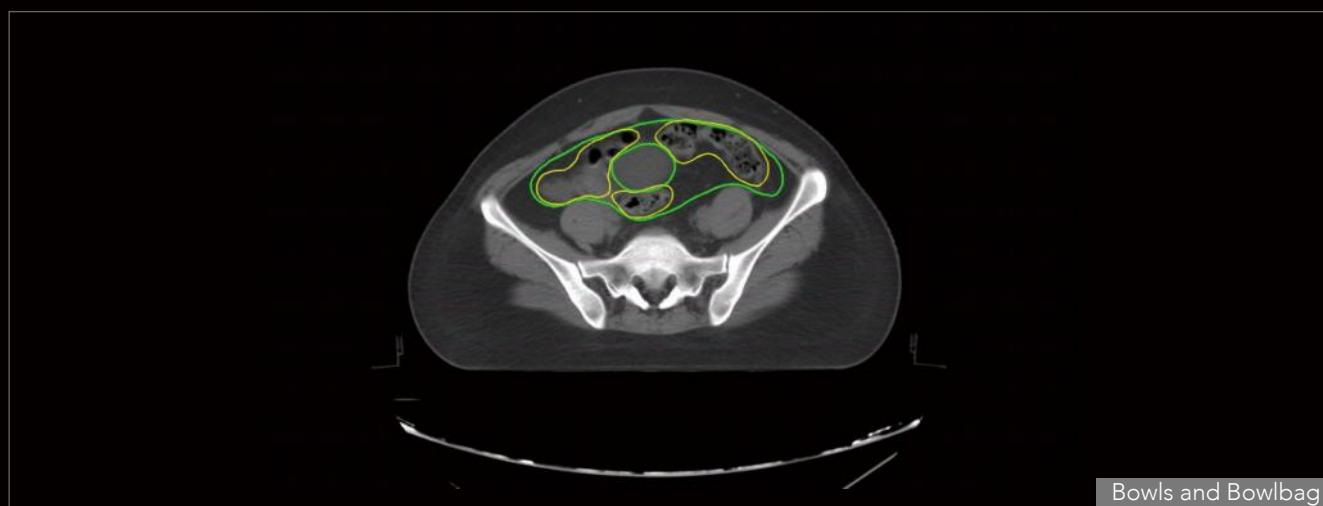
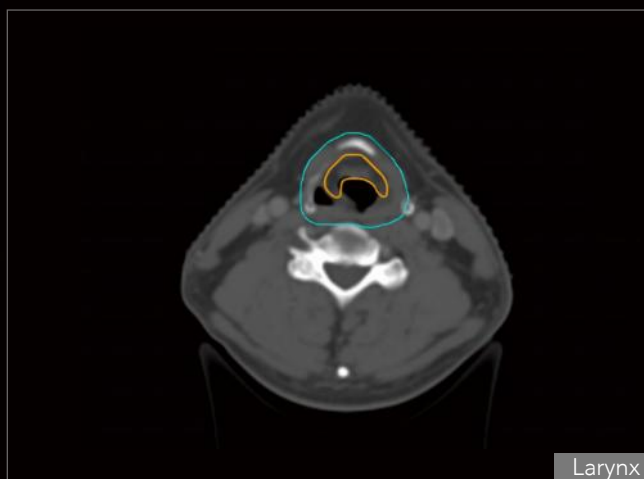
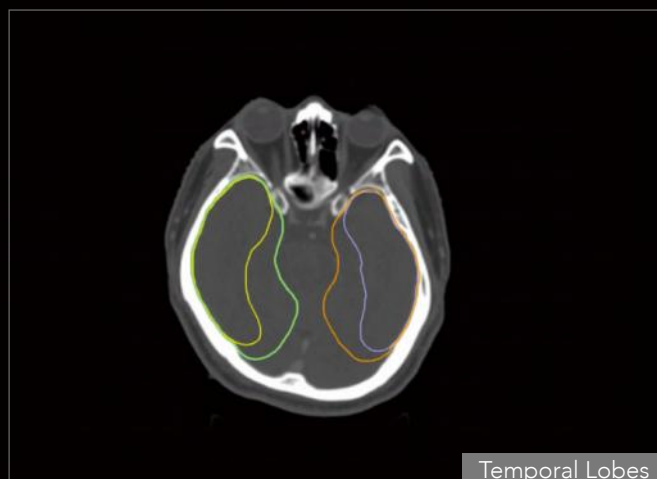


Contour Compatibility

- Compatible with different population, ethnics, ages (children & adults), genders and CT-SIM equipments



■ Different Contour Models for User Selection



■ Support of MR-Linacs ATS On-line Auto-Contour



Highlights



Efficiency

1 minute Auto-Contour and Data Transfer

VS

1-4 hours Manual Contouring



Automation

■ Data Transfer in Automation

Auto-import and preload of patient data

VS

Manual import of patient data

- Automatic Contouring and Export
- Fully Automated Workflow (Unattended Mode):



Images

Auto-Import →



AI Contour

Auto-Export →



Designated Location

Fully automated image import, contour generation and export.



User-Friendly Design

AccuContour is user-friendly with no steep learning curve. Start within minutes to increase efficiency and accuracy in daily workflow.



System Integration

- AccuContour is easily installed on local Windows workstations for highest data-security. GPU is not necessarily required.
- Virtualized and Cloud deployment.
- Integration with Varian Eclipse V15+ API.



Standardization

AccuContour's automation capabilities make it easier to refine and standardize naming templates, color templates, and contour standards, enabling radiation therapy professionals to work more efficiently and with greater accuracy.



AccuLearning Integration

AccuLearning provides interactive and personalized model training. It can be used to support standardization efforts through standardized training data and protocols, and supports AccuContour for treatment planning.

02

AccuLearning — Segment Training

AccuLearning is a locally installed and operated AI training platform.

- In combination with AccuContour, it enables customized contouring model training
- Integrated with other Manteia solutions, such as Mozi TPS, it supports training for synthetic CT generation and auto-planning models



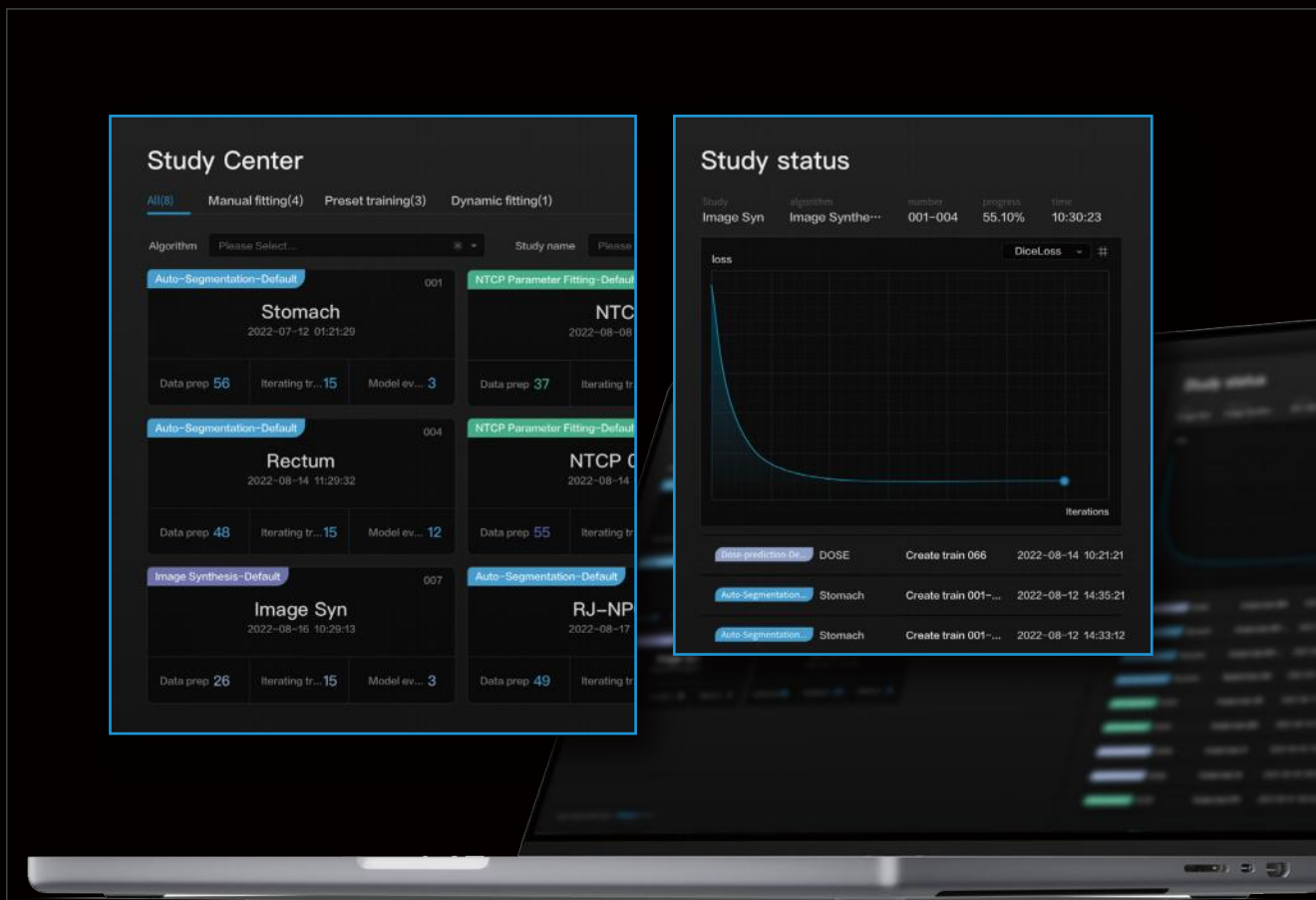
20-40 Data



AccuLearning
AI Local-Training



Your Own Model
to AccuContour



AccuLearning®

AI Training Research Platform

- AI Contour Model Training (CT/MR)
- Image Conversion Model Training
- Dose Distribution Model Training
- TCP/NTCP Model Training

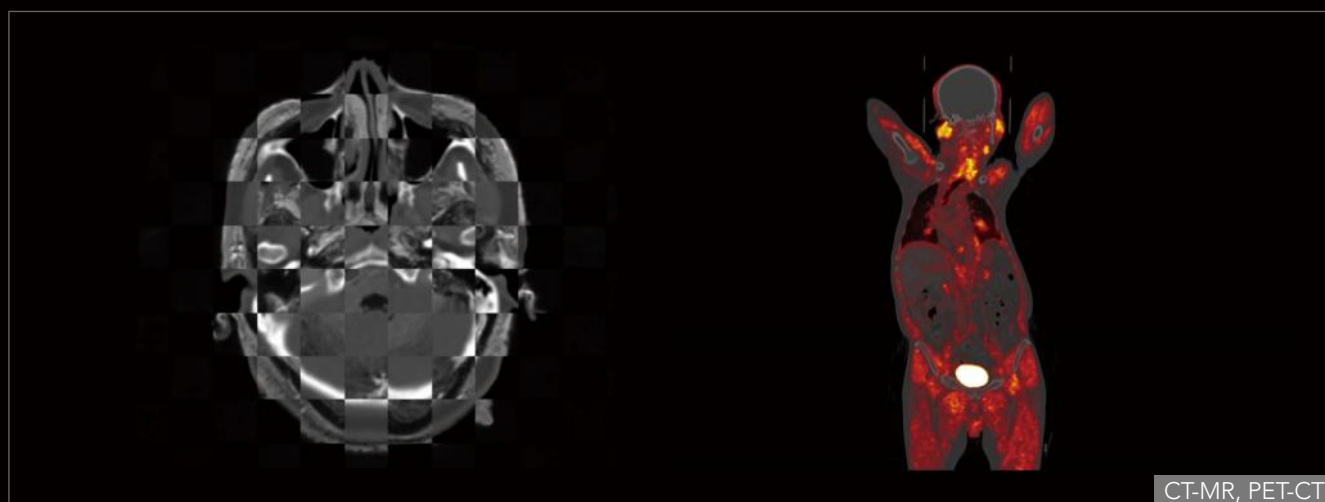
Highlights

- No programming experience required for AI related research.
- Highest Data Security (Local Installation).
- Minimal Data Requirement.
20-30 cases for most studies, 50 cases for complex studies.
- Transformation from Research to Clinical Application.
Self-trained models can be shared and applied in any of MANTEIA's systems.

03 Fusion and Registration

Multiple Registration Algorithms

- Rigid registration
- Deformable registration (incl. AI deformable algorithm)

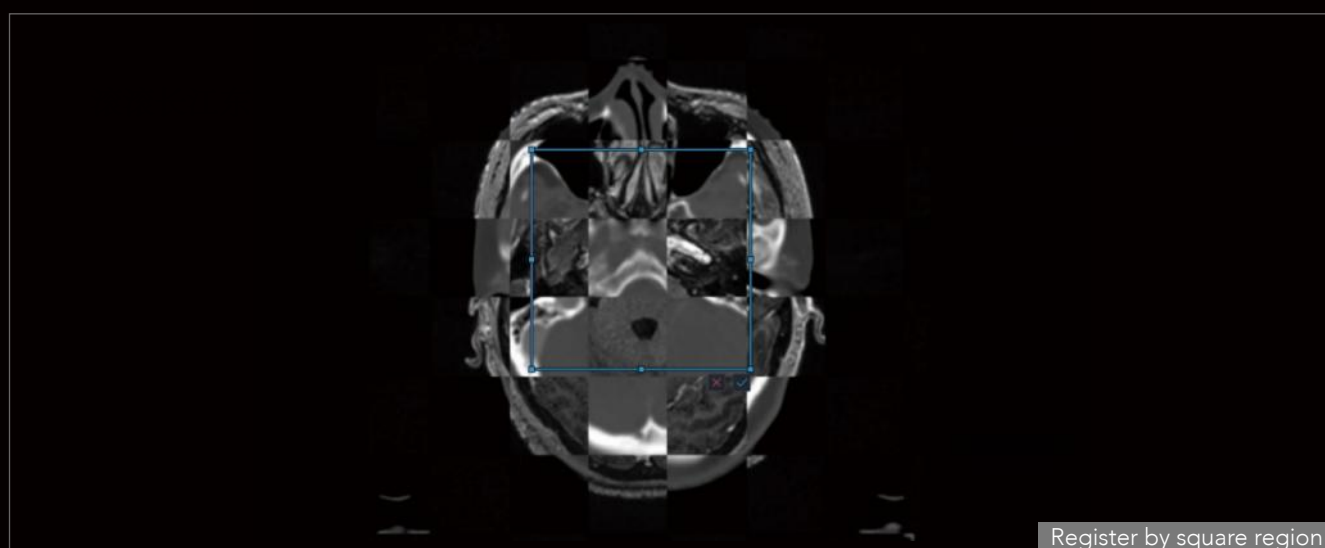


Multiple Image Modalities

CT/CBCT/MRI/PET-CT/4DCT/4DMR/SPECT and others.

Multiple Treatment Scenarios

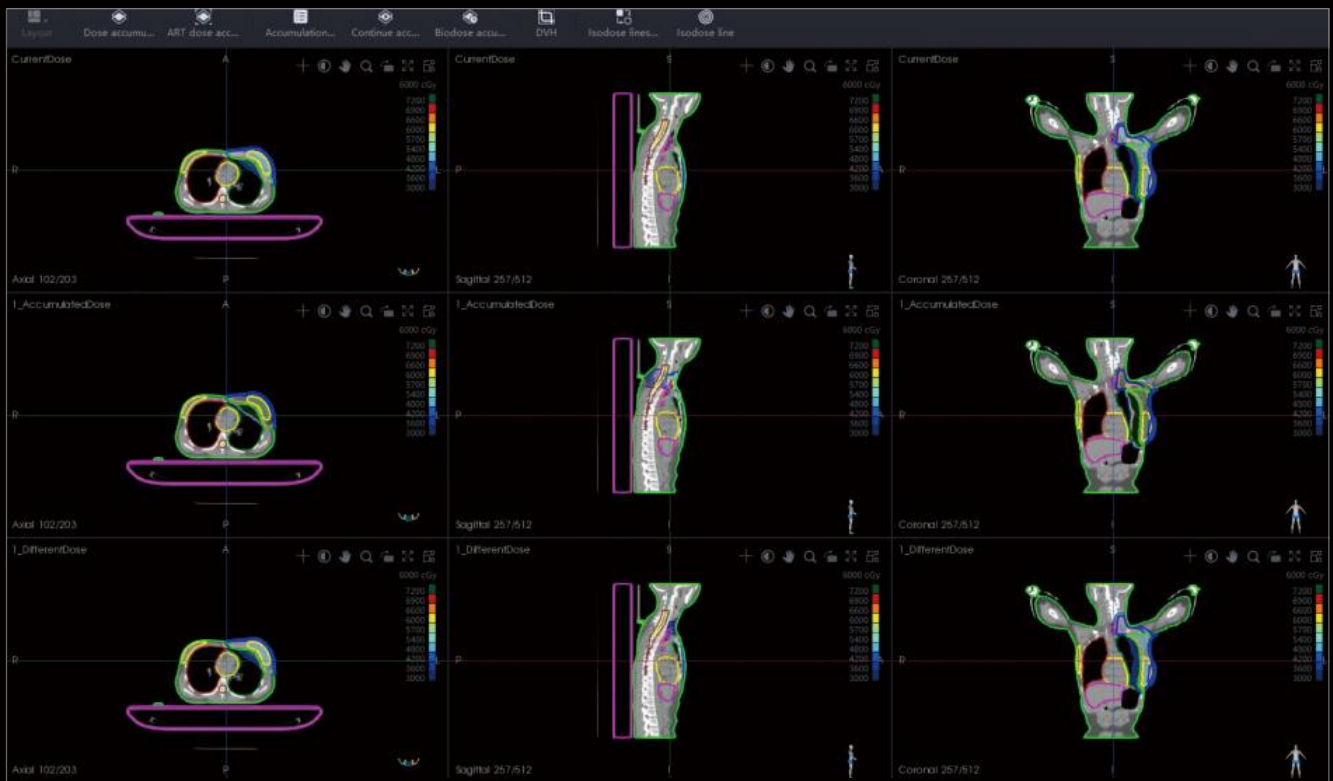
Register images by full-scale, by square-region, and by ROI/POI



Contours Transfer and Real-time Reflection

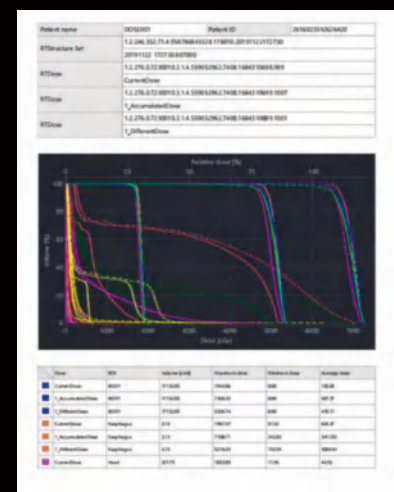
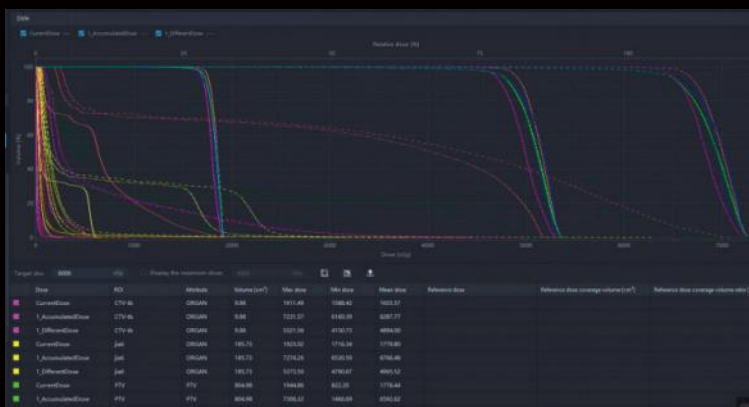
04

Dose Accumulation Analysis



Multiple Treatment Scenarios

- Replanning Dose Accumulation
- Recurrent Patient Dose Accumulation
- External and Internal Dose Accumulation
- Adaptive Dose Accumulation



DVH Analysis and PDF report

Automated Workflow

Deformable registration to total dose distribution calculation.

Biological Dose Conversion

BED/EQD2 models for improved dose change tracking due to biological factors.

05

Plan Review and Comparison



Plan Review and Dose Constraint Check

- Support of 3D/IMRT/VMAT/Tomo treatment plans.
- One-click dose constraint check with auto-report.

Plan Comparison

Provide multiple tools when comparing two RT plans from different techniques and different TPS systems.



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