

# **DLC***Expert*<sup>TM</sup>

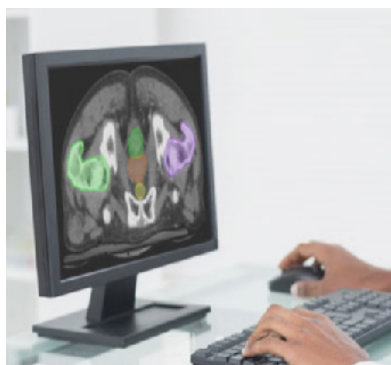
Deep Learning Contouring

HIGH QUALITY PLANS REQUIRE  
**HIGH QUALITY CONTOURS**

## Deep Learning

### Applying neural networks to contouring

Neural network algorithms can be trained to mimic human behaviors using exemplary datasets as reference. Once trained through a process known as deep learning, the models can perform specific tasks, such as contouring of organs, to a previously unseen degree of acceptability. This is how Mirada's Deep Learning Contouring (DLC) delivers contours that require no more editing than human-drawn contours.



## Integration Into Treatment Planning

### Zero-Click™ Automation

DLCExpert runs on Mirada's unique Zero-Click platform Workflow Box™, which automates complex radiation therapy imaging workflows and integrates with your PACS and TPS. This platform provides background processing and will typically deliver results ready for when you arrive at your planning workstation. DLCExpert's contours can then be validated using your existing TPS or Mirada's RTx™ software for radiation oncology.

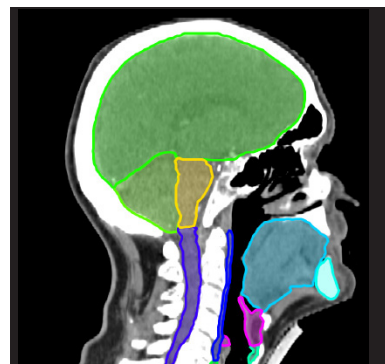
## Contours Your Way

### Adapting to your contouring needs

Once trained on your own cases, DLCExpert mimics your contouring style and, by extension, adheres to your protocols, suits your preferences, and follows your guidelines.

DLCExpert supports all major anatomical sites, including but not limited to: breast, lung, head and neck, prostate, and abdomen.

With DLCExpert, you can extend your protocol to include contouring of additional critical structures that may otherwise be too time-consuming to contour manually.



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