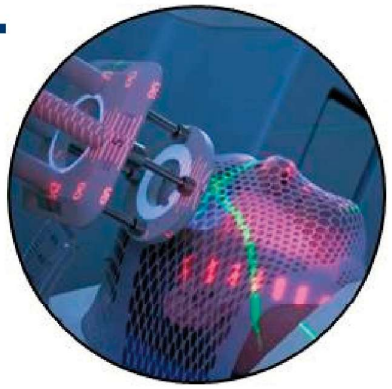
InformAI
Advancing Healthcare Through Informatics

RADONC-AI



RadOnc-AI uses deep learning to assist clinicians in developing patients' specific head & neck radiation dose treatment plan

- Radiation therapy treatment planning is complex, iterative, time-consuming, and patient-specific
- Oncologists must achieve an optimal targeted radiation dose to the tumor while achieving the lowest dose to surrounding organs-at-risk (OAR)
- Published studies shows that patients have much better outcomes when treated for cancer at a large academic center rather than at community or rural one
- Our InformAI solution can improve the standard of care and in community and rural hospitals with treatment directive plans consistent with large academic centers
- RadOnc-AI is co-funded by the state of Texas cancer innovation fund (CPRIT).

CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS

Value Proposition

CONSISTENCY
Enhanced patient-specific plans

EFFICIENCY
AI radiation dose plan generated in minutes, not hours

ROBUSTNESS
Compatible with IMRT/VMAT protocols

SAFETY
Lower off-target radiation levels reduce complications & costs

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