Normal Tissue Dose-Response Relationship in Lung High Dose HBO Patients

WG O'Dell¹, P Wang¹, PC Murdock², D Narla³, H Liu⁴, MC Schell³, P Okunieff³

¹Departments of Radiation Oncology & ²Biomedical Engineering, University of Rochester Medical Center, Rochester NY, USA 14642

Conclusions

- We have assessed the full radiation dose-response relationship of normal lung tissue in patients treated with Synchronous CT Image registration.
- Applications: For use as a dosimeter for planning purposes and to provide a means of monitoring dose during treatment.

Acknowledgments

- Funding Support: [List of funding sources]
- Collaborators: [List of collaborators]

Contact Information

[Contact information details]

[Diagram showing dose-response relationship and treatment planning]

[Diagram showing biological effects of radiation on normal lung tissue]

[Diagram showing treatment planning and dose distribution across various tissues]

[Diagram showing dose-effect relationship and dose-volume histograms for normal lung tissue]