

MEETING DATES: OCTOBER 18-21, 2015 EXHIBIT DATES: OCTOBER 18-20, 2015 HENRY B. GONZÁLEZ CONVENTION CENTER SAN ANTONIO



NRG Oncology RTOG 0415: A Randomized Phase III Non-Inferiority Study Comparing 2 Fractionation Schedules in Patients with LowRisk Prostate Cancer

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Background

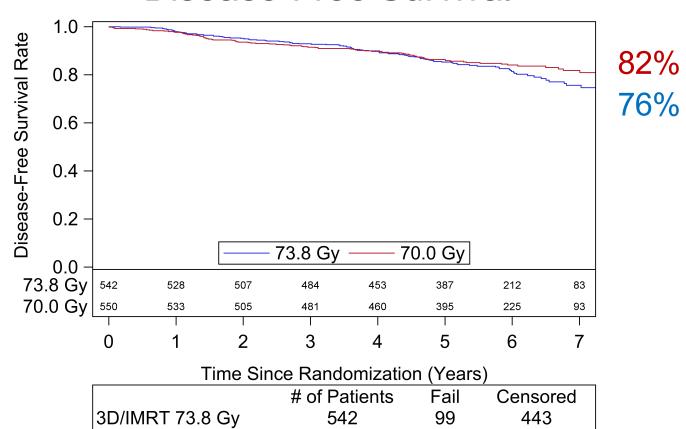
- Radiation therapy for prostate cancer usually takes 8-9 weeks to deliver
- Shorter radiation schedules have been tried and appear to work as well
- This study is a direct comparison of a shorter course and a longer course of radiation therapy in men with early stage prostate cancer

Method

• Prostate Cancer	R A N D	Arm 1	41 treatments over 8.2 weeks
Not palpablePSA <10GS ≤6	O M I Z E	Arm 2	28 treatments over 5.6 weeks

Results

Disease-Free Survival



550

3D/IMRT 70 Gy

ASTRO 20 1 technology meets patient care

464

86

Results

Late Adverse Effects

	73.8 Gy (n=533)	70.0 Gy (n=542)	Rel. Risk	95% CI
Any GI≥ Grade 3	14 (2.6%)	22 (4.1%)	1.55	0.80-2.99
Any GU ≥ Grade 3	12 (2.3%)	19 (3.5%)	1.56	0.76-3.18

Conclusion

In men with low-risk prostate cancer, treatment delivered in 5.6 weeks works as well as treatment delivered over 8.2 weeks with a possible increase in late side effects

Acknowledgments

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