

Non-Inferiority Analysis of Adjuvant Radiation versus Observation Post-Radical Prostatectomy

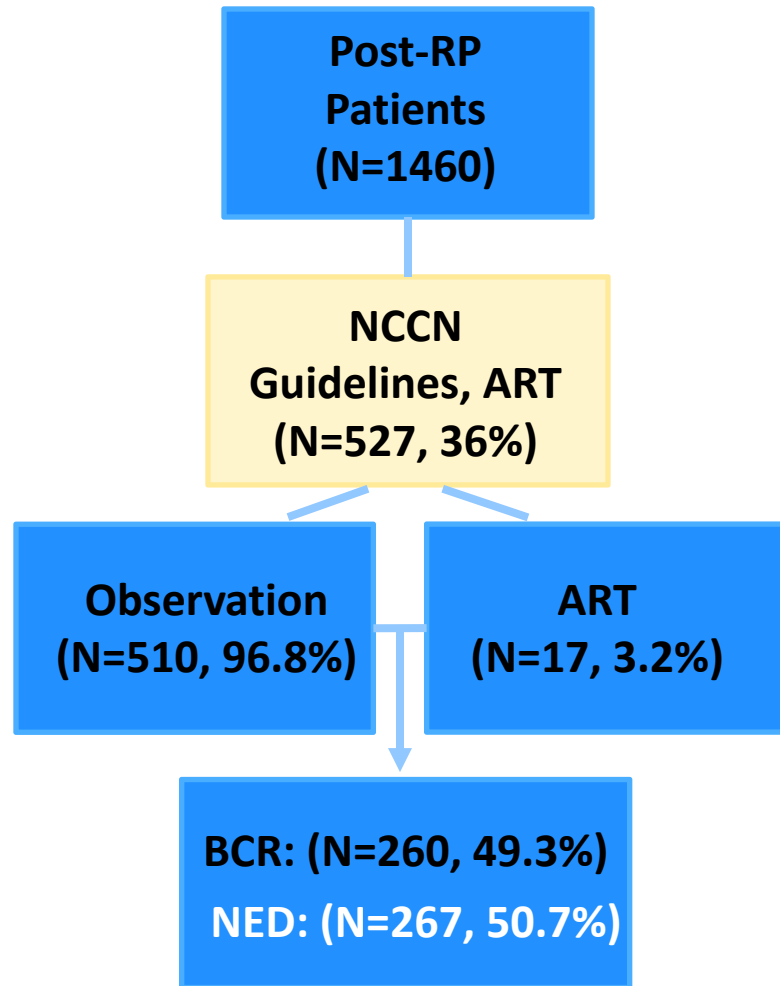
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Introduction and Methods

- Adjuvant radiation is recommended to **30-40%** of post-RP patients based on pathology.
- At our center, we do not routinely recommend ART post-RP.
- **Non-inferiority analysis of PCSM/OM and cost-savings at a median follow-up of 5.6 years**



Conclusions

291 NED Patients

X

\$37,000 Medicare expense

= \$10 million in ART costs

	Matched Cohorts		
	UCI Cohort	SWOG	EORTC
5-year Disease-Specific Survival	98.5%	na	97.7%
5-year Overall Survival	92%	91%	92%

1. 50% of patients recommended ART did not recur.
2. Salvage HT yielded non-inferior cancer control.
3. ART should be weighed against significant cost, lack of mortality benefit and detriment to quality of life.