

TERMS & STUDIES

What is Triplet Therapy for Advanced Prostate Cancer with Dr. Rana McKay
EP-145

Category	Term	Definition	Source
Key Term	ADT (Androgen Deprivation Therapy)	A treatment to reduce or block the production or action of male hormones that can stimulate the growth of prostate cancer cells.	https://www.cancer.gov/publications/dictionaries/cancer-terms/def/androgen-deprivation-therapy
Key Term	ARPI (Androgen Receptor Pathway Inhibitor)	A type of therapy that blocks the action of androgens by inhibiting their receptor pathways.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6543830/
Key Term	Triplet Therapy	A combination treatment approach using ADT, ARPI, and chemotherapy (usually docetaxel) to manage advanced prostate cancer.	https://ascopubs.org/doi/full/10.1200/JCO.21.02774
Key Term	Doublet Therapy	A treatment combining ADT and an ARPI to enhance prostate cancer control.	https://ascopubs.org/doi/full/10.1200/JCO.21.02774
Key Term	Docetaxel	A chemotherapy drug used to treat various cancers, including prostate cancer, that interferes with cell division.	https://www.cancer.gov/about-cancer/treatment/drugs/docetaxel
Key Term	Relugolix	An oral GnRH receptor antagonist used to lower testosterone in men with prostate cancer.	https://www.accessdata.fda.gov/drugsatfda_docs/label/2020/213410s000lbl.pdf
Key Term	GnRH Analog	Drugs that act on the pituitary gland to reduce the production of testosterone.	https://www.cancer.gov/publications/dictionaries/cancer-terms/def/gonadotropin-releasing-hormone-agonist
Key Term	mHSPC (Metastatic Hormone-Sensitive Prostate Cancer)	Prostate cancer that has spread and still responds to hormone therapy.	https://www.uptodate.com/contents/overview-of-treatment-for-metastatic-hormone-sensitive-prostate-cancer
Key Term	CRPC (Castration-Resistant Prostate Cancer)	A form of prostate cancer that keeps growing even when the amount of testosterone in the body is reduced to very low levels.	https://www.cancer.org/cancer/prostate-cancer/about/types.html
Key Term	Overall Survival (OS)	The length of time from either the date of diagnosis or the start of treatment that patients are still alive.	https://www.cancer.gov/publications/dictionaries/cancer-terms/def/overall-survival

Key Term	Decipher Score	A genomic test that predicts the aggressiveness of prostate cancer by analyzing gene activity in tumor tissue.	https://deciphertest.com/
Key Term	Cold Cap Therapy	A treatment that involves cooling the scalp before, during, and after chemotherapy to reduce hair loss.	https://www.cancer.org/treatment/treatments-and-side-effects/physical-side-effects/hair-loss/cold-caps.html
Study	CHAARTED Trial	Demonstrated improved survival with early docetaxel in metastatic hormone-sensitive prostate cancer.	https://www.nejm.org/doi/full/10.1056/NEJMoa1403740
Study	LATITUDE Trial	Studied the effect of abiraterone acetate plus prednisone in newly diagnosed high-risk metastatic prostate cancer.	https://www.nejm.org/doi/full/10.1056/NEJMoa1704174
Study	TITAN Trial	Evaluated apalutamide added to ADT in metastatic hormone-sensitive prostate cancer.	https://www.nejm.org/doi/full/10.1056/NEJMoa1903307
Study	ARCHES Trial	Assessed enzalutamide plus ADT for metastatic hormone-sensitive prostate cancer.	https://www.thelancet.com/journals/lanonc/article/PIIS1470-2045(19)30082-5/fulltext
Study	PEACE-1 Trial	Explored triplet therapy including ADT, docetaxel, and abiraterone in de novo metastatic hormone-sensitive prostate cancer.	https://www.nejm.org/doi/full/10.1056/NEJMoa2119115
Study	ARASENS Trial	Evaluated triplet therapy with darolutamide, docetaxel, and ADT in metastatic hormone-sensitive prostate cancer.	https://www.nejm.org/doi/full/10.1056/NEJMoa2200755
Study	STAMPede Trial	A multi-arm, multi-stage trial studying different treatment combinations in advanced prostate cancer.	https://www.stampede-trial.org/