

# HORMONE THERAPY FOR

## ADVANCED PROSTATE CANCER

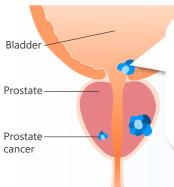




Three men are diagnosed with prostate cancer every day, making it the **second most common** cancer among men in Singapore.1

One in three of these men<sup>2</sup> have cancer that has spread outside of the prostate to other parts of the body, which is known as advanced or metastatic prostate cancer.

## How is prostate cancer **treated**?



#### **Advanced cancer** options include:

Hormone therapy

Targeted therapy

Chemotherapy

### The main types of **hormone** therapy are:

Luteinizing hormone-releasing hormone agonists and antagonists

Androgen blockers

Androgen blockers available locally are:

Abiraterone

Apalutamide

Darolutamide

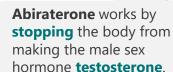
Enzalutamide











Apalutamide, darolutamide and enzalutamide are newer drugs that block the effects of testosterone on prostate cancer cells.



Published studies show all 4 androgen blockers are **effective** treatments for advanced prostate cancer. They have different side effects from each other.

- For prostate cancer that has not spread outside the prostate but continues to grow even when treatment reduces the amount of testosterone to very low levels (non-metastatic prostate cancer), apalutamide, darolutamide and enzalutamide are effective treatment options.
- For **other forms** of advanced prostate cancer that has spread outside the prostate (metastatic prostate cancer), abiraterone, apalutamide, darolutamide and enzalutamide are effective treatment options.

ACE reviewed all available clinical evidence and received clinical advice from doctors for each androgen blocker. ACE also negotiated prices with the companies.3



Generic abiraterone was the most affordable treatment option. Value for money (cost-effectiveness) of darolutamide and enzalutamide were improved at the prices proposed by the companies.

Cash or MediSave needed every month after subsidy and MediShield Life for a middle-income patient receiving outpatient treatment at public hospitals*:	Abiraterone	Less than \$15	Subsidised ✓  MediShield Life: \$400
	Darolutamide	\$300 to \$400	Subsidised ✓ MediShield Life: \$400
	Enzalutamide	\$650 to \$750	Subsidised ✓ MediShield Life: \$400
	Apalutamide	\$2,000 to \$2,500	Subsidised X  MediShield Life: \$400

Abiraterone, darolutamide and enzalutamide were recommended for government funding<sup>4</sup> because they are **effective** and provide good value for money for treating advanced prostate cancer.



Apalutamide was **not recommended** for subsidy because its benefits do not justify its cost at the price offered by the company. MediShield Life is available to help with some of the cost of treatment.

Talk to your **doctor** to discuss which treatment is suitable for you. You can also speak to a **medical social worker** if you need further financial assistance, or you can reach out to local patient support groups if you want to meet people with similar experiences.

\* Expenses will differ according to the amount of medicine that each patient needs and does not include other costs for doctor consultations, medical tests etc. MediSave withdrawal is capped at \$600 per month for these treatments. For Singaporeans who are eligible for subsidy, treatment costs will be subsidised by 40% to 75%. For subsidised drugs, expenses have been calculated using prices proposed by the companies including patient assistance programmes. For non-subsidised drugs, prices at public healthcare institutions at the time of subsidy review were used.

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