



Prostate Cancer Risk

Pathway-informed prostate cancer support and prevention.

What Genetic Risk Reflects in Prostate Cancer

Inherited risk for prostate cancer spans multiple metabolic pathways, including:

- Hormonal signaling and androgen regulation
- Cell growth, repair, and genomic stability
- Inflammatory and immune regulation

A total polygenic risk score estimates inherited susceptibility.

Pathway-level context helps frame risk awareness and monitoring, not diagnosis or certainty.

How PathWise Adds Clinical Value

PathWise supports clinicians by:

- Helping explain genetic risk in clear, non-deterministic terms
- Supporting thoughtful discussions about screening timing and surveillance
- Framing lifestyle, metabolic health, and inflammation as part of overall risk context

It does not predict disease or replace established screening guidelines. It supports clearer, more grounded preventive conversations.

How This Shows Up in Practice

Patients with similar overall genetic risk may benefit from different emphasis in preventive discussions.

Pathway context can help clinicians explain:

- Why monitoring strategies may differ
- Why lifestyle and metabolic health remain relevant even when genetic risk is present
- How genetic information informs awareness without driving alarm

Example Patient Explanation

“Your genetic risk reflects how certain growth and repair pathways behave. This helps guide thoughtful screening and prevention conversations, not predictions.”

PathWise does not predict prostate cancer risk. It helps clinicians contextualize inherited susceptibility to support informed, balanced screening and prevention decisions.

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