



What is VA's National Precision Oncology Program (NPOP)?

Cancer affects everyone differently, and VA clinicians can use precision oncology to predict more accurately which cancer treatment strategies will work best for each Veteran. This personalized approach, accomplished through NPOP, can ultimately lead to improved outcomes and quality of life for patients.

PROGRAM HISTORY

NPOP is part of VA's National Oncology Program. Launched in 2016 as part of the White House Cancer Moonshot initiative to eliminate cancer, NPOP makes molecular testing available to VA cancer patients for whom testing may determine either a prognosis or a course of treatment. To streamline recommendations and to ensure equitable access to care, NPOP works to develop comprehensive molecular testing guidelines across all cancer types. This program also enables VA oncologists to access consultative services to interpret complex results and better determine when testing can guide care.



56K+
Veterans
cared for using
precision oncology

Through NPOP, VA Offers:

- Best-in-class cancer molecular testing, through cutting edge technologies like Next-Generation Sequencing (NGS)
- Discussions about tumor test results with clinical experts in Interfacility Consults and on the Molecular Oncology Tumor Board (MOTB)
- Germline genetic testing for inherited cancers and risk assessment through NPOP's partnership with Cancer Care Genetic Services (CCGS)
- Pharmacogenomic testing to help providers tailor the options and dosages of commonly prescribed medications
- Access to clinical trials that require precision oncology test results based on the patient's genomic profile

Where is NPOP Heading?



- Continuing to increase the number of Veterans tested in parallel with expanding patient eligibility criteria to additional cancer types
- Transitioning to complete online ordering for improved efficiency
- Developing clinical decision support tools for providers to leverage precision oncology data in treatment plans
- Developing direct integrations for ordering and results return in the patient's record
- Partnering with clinical pathways and National Pathology and Laboratory Medicine to improve distribution of testing recommendations and test ordering



VA clinicians, researchers, and strategic partners are key to expanding precision oncology for Veterans. For more information on how VA is driving innovation in cancer care, please visit cancer.va.gov, or contact cancer@va.gov. The results of genetic testing do not impact service-connected benefits.

