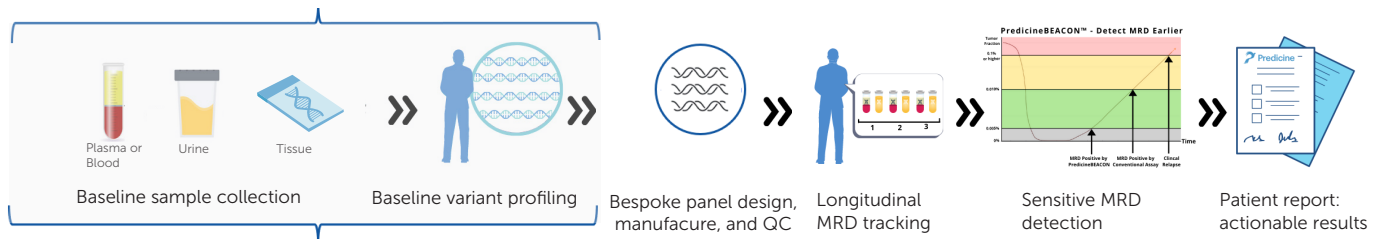


PredicineBEACON™

Personalized, Actionable MRD Assay

Most tumor-informed MRD assays require tissue



Tissue is not necessary with PredicineBEACON

Personalized Molecular Residual Disease (MRD) regardless of tissue availability

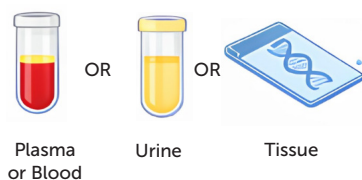


- Tissue optional: Baseline sample: tissue, blood, or urine
- Ultra-sensitive: Reportable range down to 0.1 ppm
- Personalized tracking: Up to 250 patient-specific variants
- Therapy guidance: 500 actionable hotspots

Assay Workflow

PredicineWES+ or WGS:

Baseline or EOT Profiling

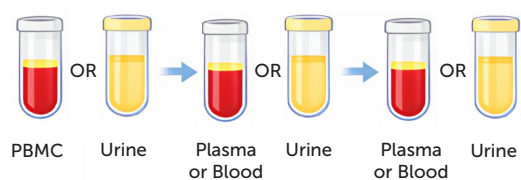


- PredicineWES+ or WGS (tissue, blood, or urine)
- LP-WGS for tumor fraction (optional, blood/urine)



PredicineBEACON:

MRD Monitoring



- Up to 250 personalized variants (down to 4)
- 500 actionable variants
- LP-WGS (optional)



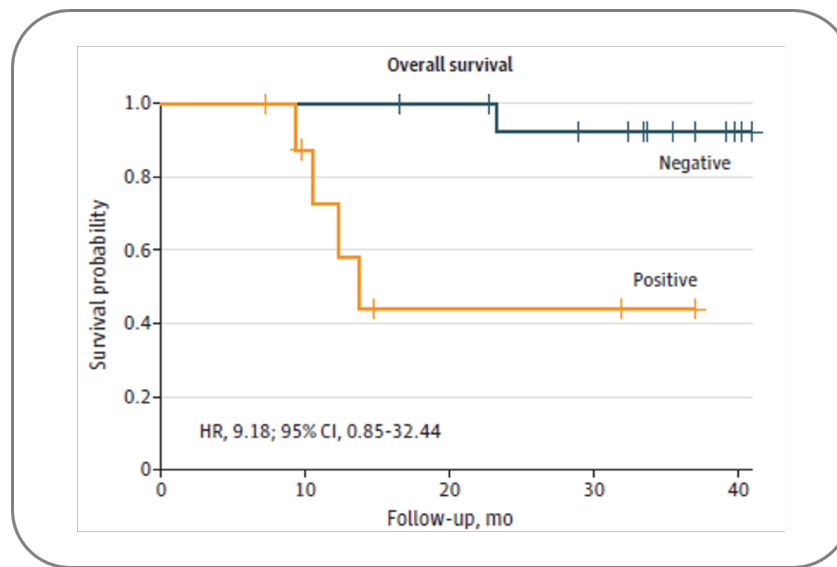
PredicineBEACON™

Personalized, Actionable MRD Assay



Tissue-informed MRD is prognostic in HNSCC

MRD positivity detected by PredicineBEACON correlated with shorter overall survival (HR=18.93) and a median lead time of 5 months before clinical recurrence.

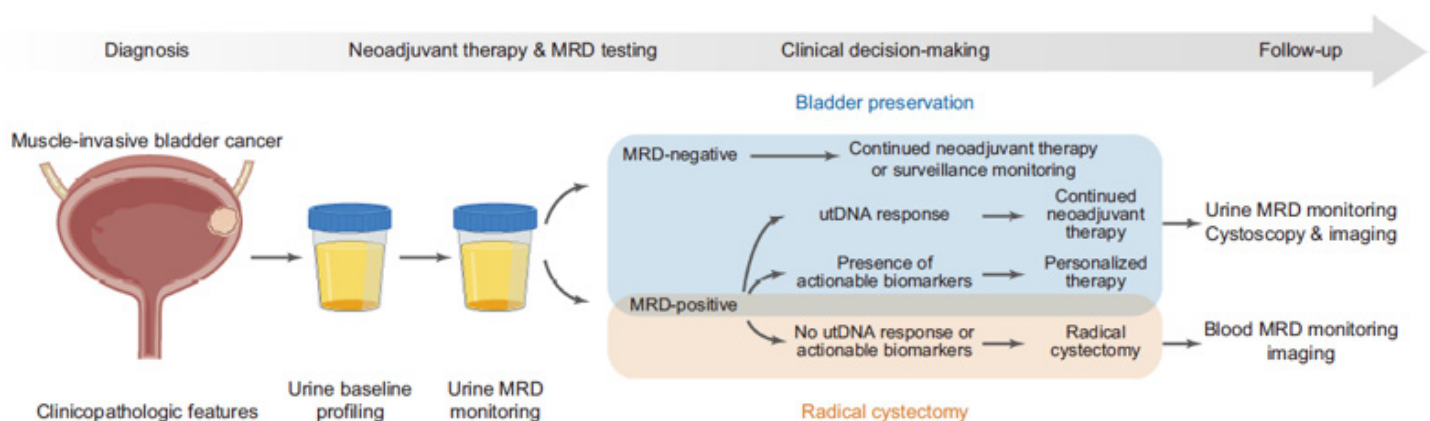


Ruiz-Torres DA, et al. JAMA Otolaryngology-Head & Neck Surg. 2026



Urine-informed MRD guides bladder-sparing in MIBC

PredicineBEACON urine MRD testing guides adaptive selection of bladder preservation or radical cystectomy during neoadjuvant therapy for MIBC.



Zhang R, et al. Clinical Cancer Research, 2023



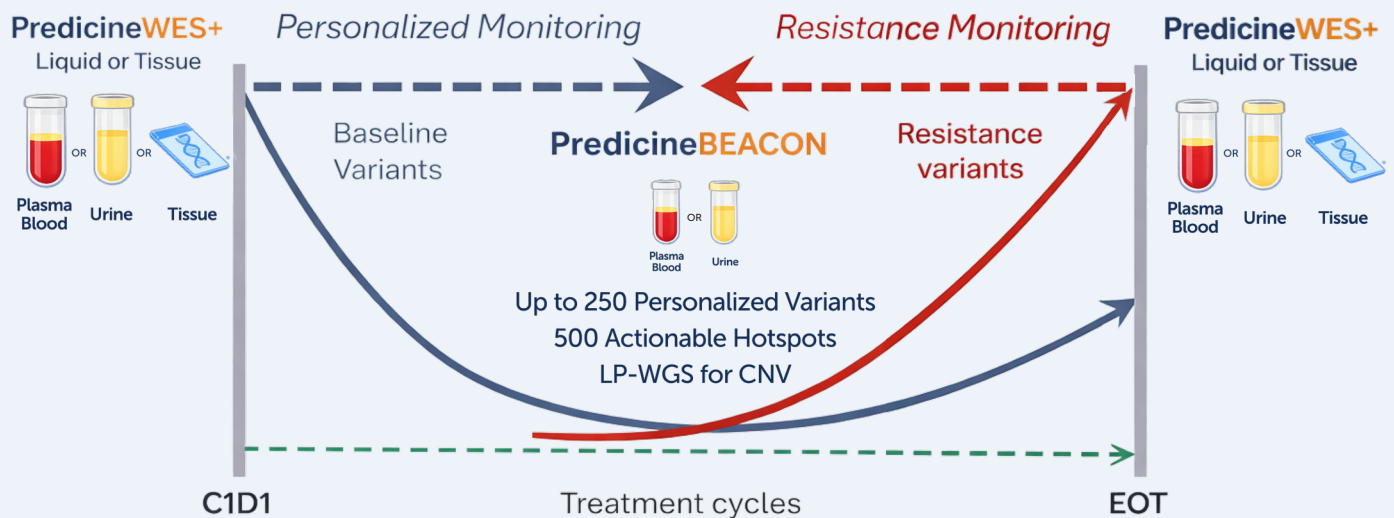
PredicineBEACON™

Personalized, Actionable MRD Assay



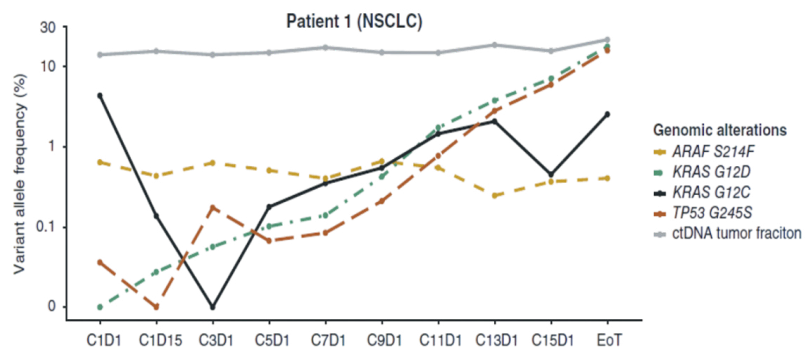
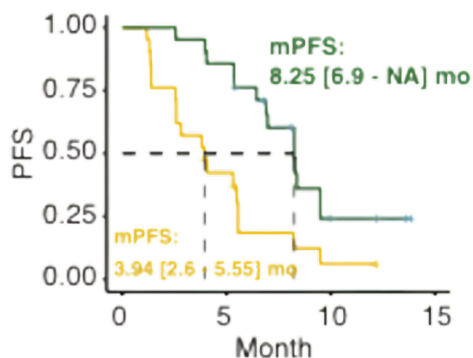
Bidirectional insights inform early go/no-go decisions

PredicineBEACON bidirectional design integrates baseline/EOT profiles with on-treatment MRD/resistance tracking to capture real-time evolution, inform early go/no-go decisions, and accelerate drug development.



Bidirectional blood-informed MRD predicts clinical outcomes and monitors resistance*

(ctDNA reduction: C1D15 vs. C1D1)



* References:

Sacher A, et al. N Engl J Med, 2023
Desai J, et al. Nature Medicine, 2023
Choi Y, et al. Clinical Cancer Research, 2024

Learn more at
Publications-Predicine

