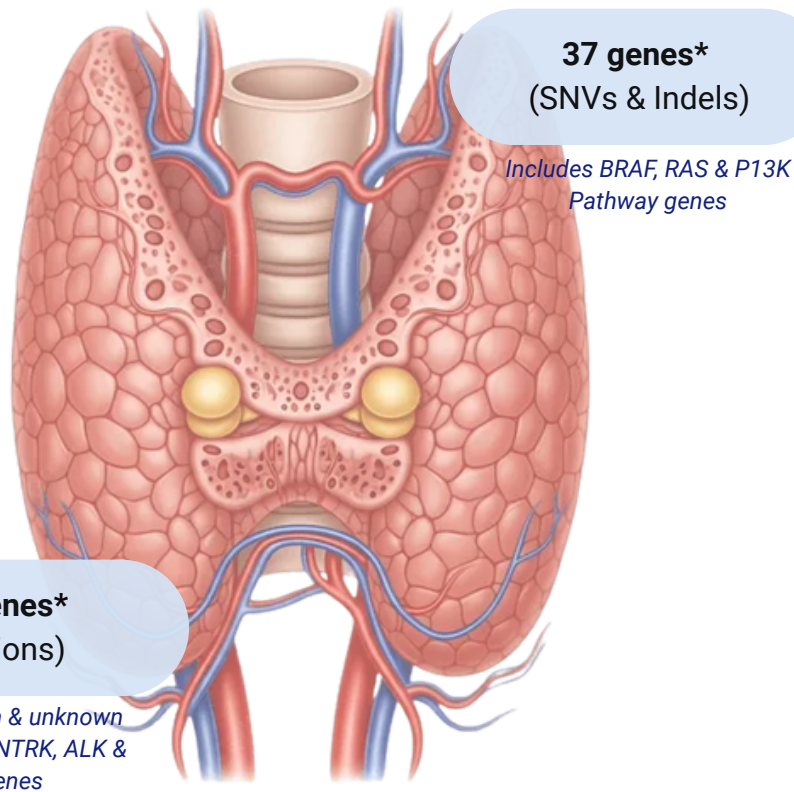


Thyroid Prognostication Gene Panel (ThyroTrack)

Next Generation Sequencing based test to detect genomic biomarker



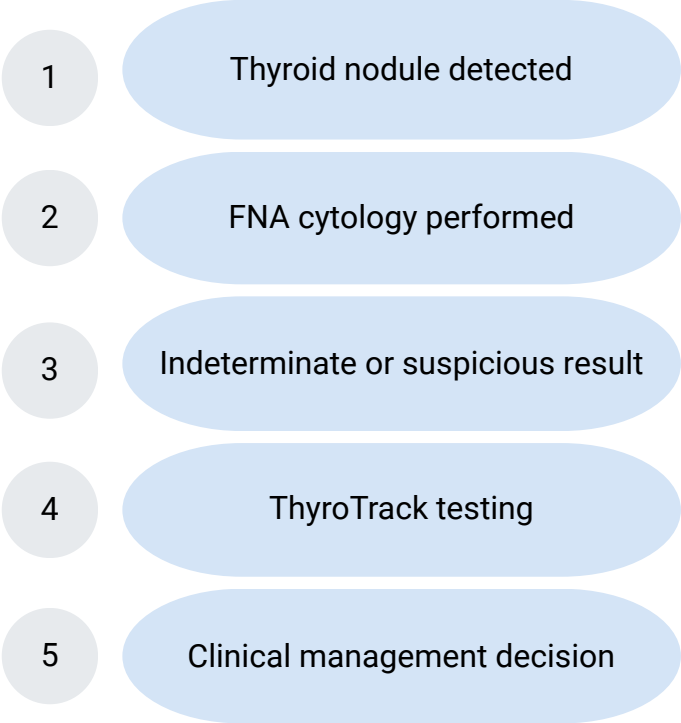
Why ThyroTrack?

- **Risk-based personalised management** of thyroid nodules
- **Avoids unnecessary thyroid surgery**
- **Guides surgical decisions** (lobectomy vs total thyroidectomy)
- **Preserves thyroid function** & reduces long-term complications
- **Assesses recurrence risk**
- **Identifies actionable mutations** for targeted therapy

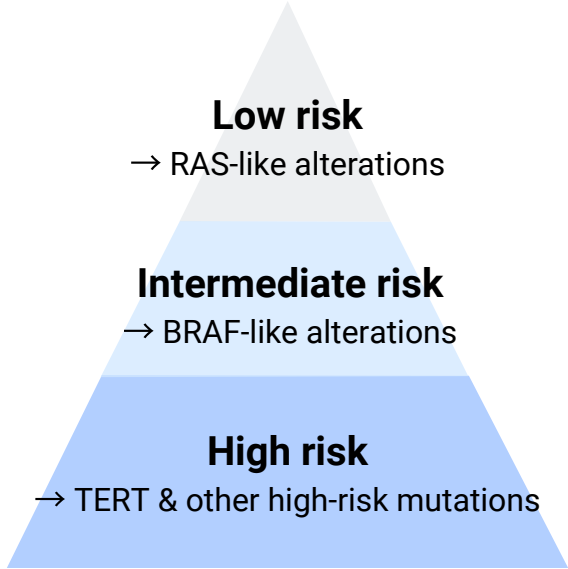
When to use ThyroTrack?

- Indeterminate thyroid nodules (Bethesda III-IV)
- Cytologically insufficient but sonographically suspicious nodules
- Cases requiring guidance for surgical decision-making

Clinical Workflow

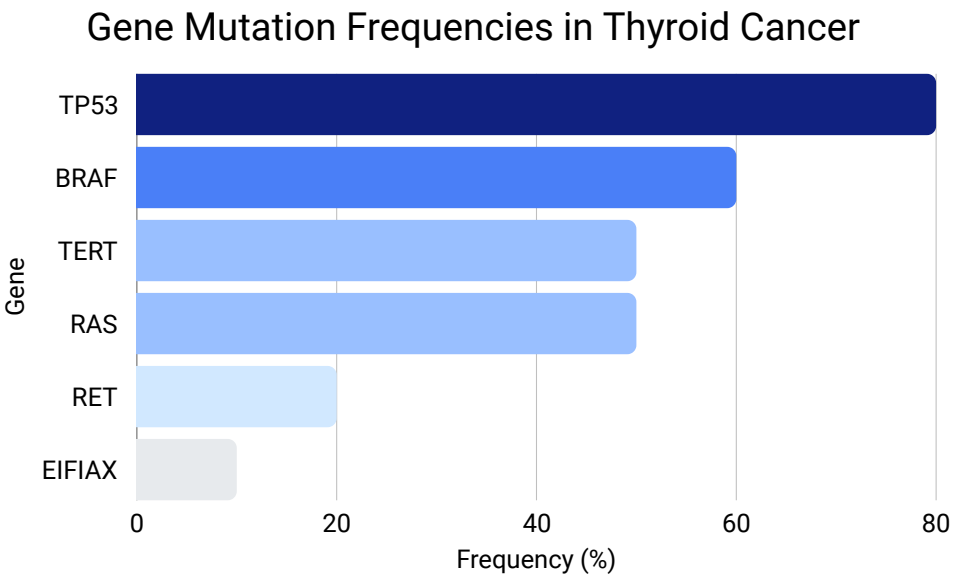


Risk Stratification



Gene Mutation Frequencies in Thyroid Cancer

Gene mutation frequencies in thyroid cancer (literature-based)



Key Genetic Insights

BRAF	Strong predictor of malignancy
RAS	Associated with low to intermediate risk nodule
TERT	Linked to aggressive disease & poor prognosis
TP53	Associated with advanced/anaplastic cancers

Gene List (Most common)

SNV's & Short Indels	Fusions
<i>BRAF, RAS, RERT, NTRK, ALK, FGFR, TP53, PTEN, APC, NF2, VHL, STK11, TSC2, etc</i>	<i>BRAF, RET, NTRK, FGFR, ALK, ROS1, etc</i>

Test Details

Test Code	MGM2538	
Test Name	Thyroid Prognostication NGS Panel (Thyrotrack)	
TAT	3 weeks	
Sample Type	FNAC fluid in RNA Tissue in RNA later	FFPE Tissue Block FFPE Cell Block
Storage Condition	Shipped at 2-4°C	Room Temperature

Our Customers: Hospitals & Specialist Clinics

MGM2538: Thyroid Prognostication NGS Panel

Dr Vincent Tan

KPJ Klang Specialist Hospital

MedGenome

MedGenome is a global leader in genetic testing, genomics research, and drug discovery, providing advanced genomic solutions for disease diagnosis & health management. It offers over 1,300 genetic tests & aims to make high-quality, affordable testing widely accessible worldwide.

Witty Charman

Witty Charman focuses on medical technology, especially pathology and forensic science-related products & services. It is also expanding into diabetes care and digital pathology. It was founded with a vision to improve healthcare through affordable, innovative & compassionate solutions for patients of all ages.

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