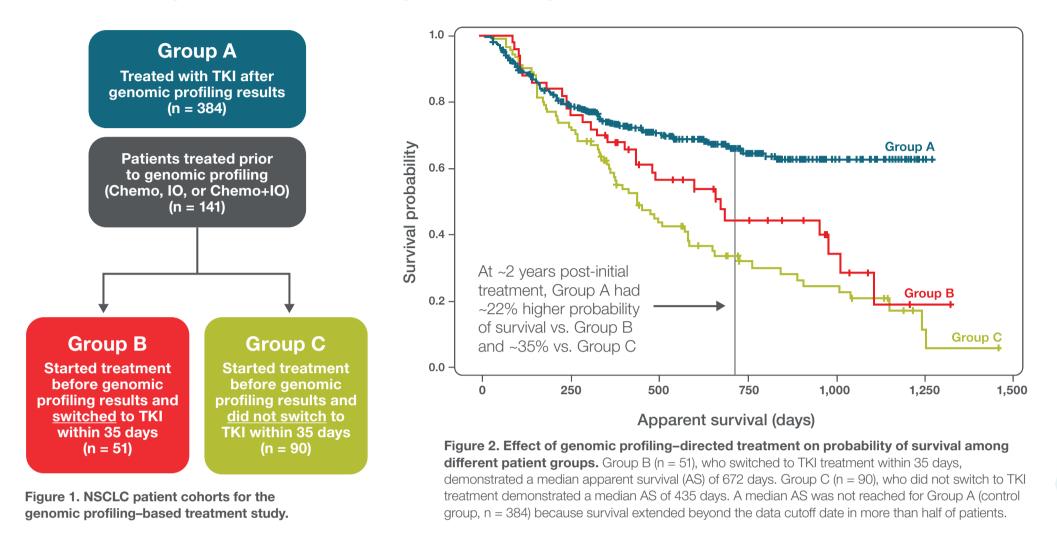
## The need for rapid lung NGS

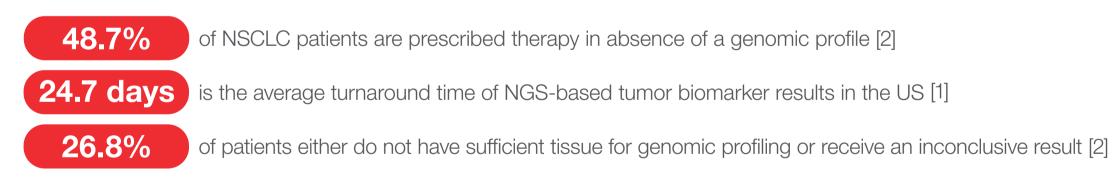
## The hope

Retrospective study of 525 newly diagnosed stage IV non-small cell lung cancer (NSCLC) patients harboring actionable oncogenic drivers reveals that genomic profiling-directed therapy may improve patient outcomes [1].

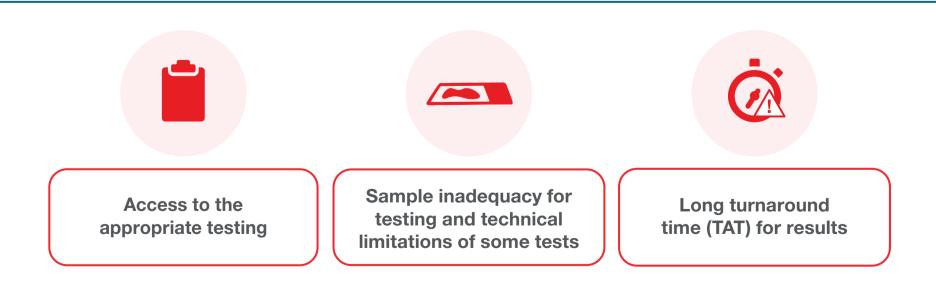


The findings suggest that treatment outcomes were significantly compromised in patients who initiated treatment (Chemo, IO, or Chemo+IO) before their genomic profiling results were reported, compared to patients who initiated treatment after receiving their genomic profiling results.

## The limited-access reality



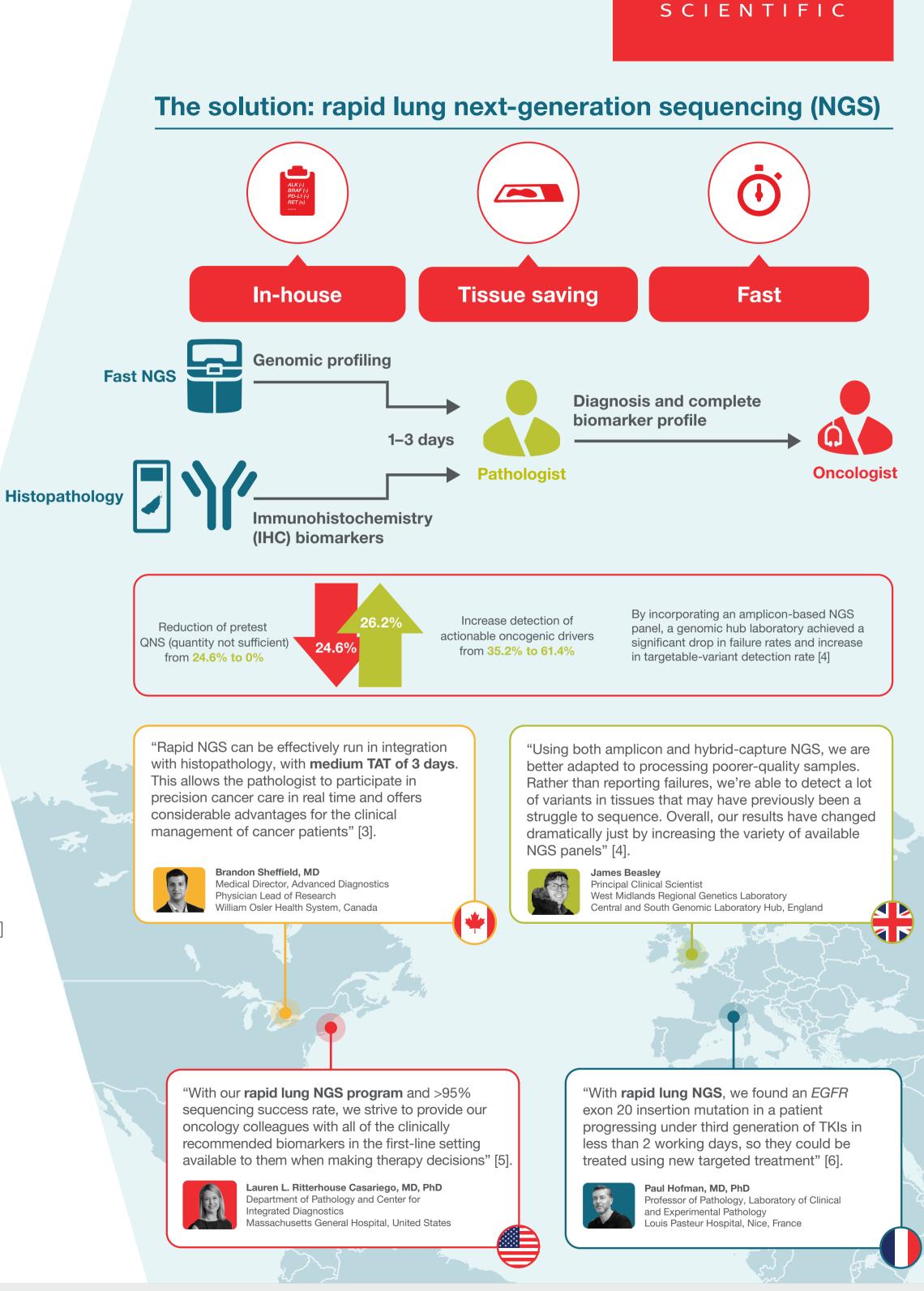
## The main gaps in clinical testing [2]



- References 1. Smith RE et al. (2022) J Clin Oncol. 40(16\_suppl):1530.
- 2. Sadik et al. (2022) Impact of Clinical Practice Gaps on the Implementation of Personalized Medicine in Advanced Non–Small-Cell Lung Cancer. JCO Precis Oncol. 6:e2200246.
- 3. Sheffield BS et al. Current Oncology (2022) CAP Today Webinar: Community-based rapid NGS offers considerable advantages in clinical cancer care. 4. Creating Made-to-Measure NGS Testing with Multiple Panels: An interview with Yvonne Wallis and James Beasley on their experience using a multi-panel approach to oncology biomarker sequencing. The Pathologist. October
- 5. Speeding up lung cancer NGS so oncologists and NSCLC patients don't have to wait. The Pathologist. 6. Ilié M et al. (2022) The Need for Rapid Lung NGS:

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