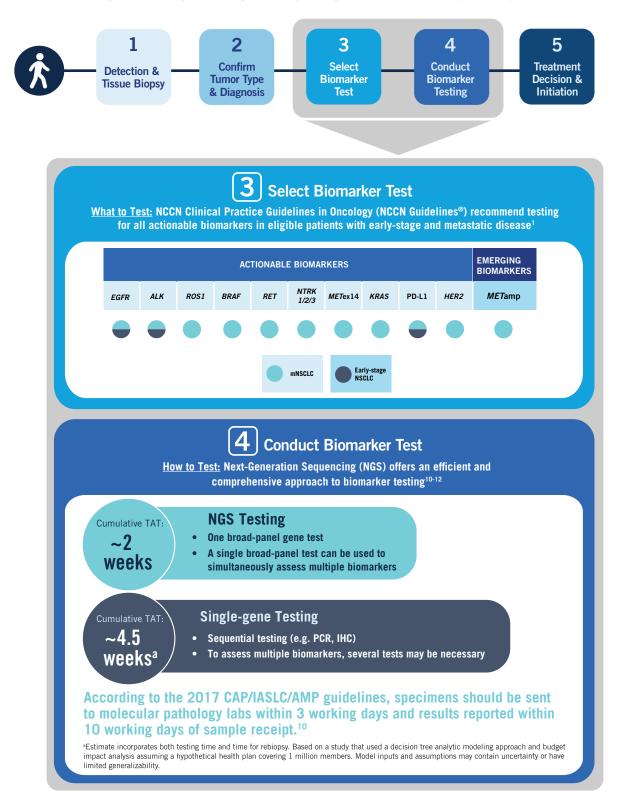
## Examining the biomarker testing process: Helping ensure patients receive the most appropriate treatment

## Biomarker testing is an important part of your patient's NSCLC journey to treatment<sup>1-9</sup>





Patient	Name:
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Navigator N

Was surgery and/or biopsy scheduled?

Navigator Name: _	Practice/Office Name:						
Ŕ	Illustrative Patient Journey to Treatment Tracker						
	Key Events/Questions	Date	Key Considerations	Notes			
	Did navigator receive new diagnosis alert?	0 0 0					
1 Detection & Tissue Biopsy	Did navigator initiate contact with the patient/family before the first consultation with the medical oncologist/treating HCP?	•	When was contact initiated? What was discussed?				
Disposed and the second s	Was surrow, and for his new scheduled?	•	the second s	•			

Diagnosis: \_

Age: \_\_\_\_

	Was surgery and/or biopsy performed?	
2 Confirm umor Type Diagnosis	Were diagnosis and histology confirmed?	Histology? Stage?
3 Select	Was comprehensive biomarker testing ordered?	Single gene or NGS? Which biomarkers?
Biomarker Test	Was a liquid biopsy test ordered (as needed)?	Upfront or reflex?
4 Conduct Biomarker Testing	Were the biomarker test results received? Were all actionable biomarkers tested?	How many days from tests ordered to results received? Guideline recommendation is ≤ 14 days.
5 Treatment Decision & Initiation	Were biomarker results shared and discussed with the MDT/ordering physician?	Is the patient a candidate for targeted therapy?
	Were test results available upon initial consultation with the medical oncologist?	
	Did navigator educate patient on test results?	
	Did patient receive relevant resources from	Key questions or concerns Resources shared
	navigator/HCPs?	Nesources shared

## **Insights & Notes**

Issues/Challenges Identified:	
Area for Quality Improvement:	
Ongoing Monitoring and Follow-up:	

ALK = ALK receptor tyrosine kinase; AMP = Association for Molecular Pathology; BRAF = B-Raf proto-oncogene, serine/threonine kinase; CAP = College of American Pathologists; EGFR = epidermal growth factor receptor; FISH = fluorescence in-situ hybridization; HCP = healthcare professional; HER2 = human epidermal growth factor receptor 2; HSLC = International Association for the Study of Lung Cancer; HIC = immunohistochemistry; KRAS = KRAS proto-oncogene GTPase; MDT = multidisciplinary team; MET = MET proto-oncogene receptor tyrosine kinase; NCCH = National Comprehensive Cancer Retwork; NCS = met-generation sequencing; NSCLC = non-small cell lung cancer; *HTRK* = neurotrophic receptor tyrosine kinase; PCR = polymerase chain reaction; PD-L1 = programmed cell death ligand 1; *RET* = ret proto-oncogene; *ROSI* = ROS proto-oncogene 1, receptor tyrosine kinase.

1. Referenced with permission from the NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®) for Non-Small Cell Lung Cancer V.3.2023. © National Comprehensive Cancer Network, Inc., 2023. All rights reserved. Accessed April 28, 2023. To view the most recent and complete version of the guideline, go online to NCCN.org. NCCN makes no warranties of any kind whatsoever regarding their content, use or application and disclaims any responsibility for their application or use in any way; 2. LUNGevity Foundation. https://lungevity.org/sites/default/files/request-materials/LUNGevity-biomarker-testing-booklet-112817.pdf. Accessed February 13, 2023; 3. Smeltzer MP, et al. J Thorac Oncol. 2020;15:1434-1448; 4. Gregg JP, et al. Transl Lung Cancer Res. 2019;8:286-301; 5. Planchard D, et al. Ann Oncol. 2018;29(suppl 4):iv192-iv237; 6. Lindeman NI, et al. J Thorac Oncol. 2018;13:323-358; 7. Kalemkerian GP, et al. J Clin Oncol. 2018;36:911-919; 8. Dietel M, et al. Thorax. 2016;71:177-184; 9. Heymann JJ, et al. Cancer Cytopathol. 2017;125:896-907; 10. Lindeman NJ, et al. Arch Pathol Lab Med. 2018;142(3):321-346; 11. Pennell NA, et al. Am Soc Clin Oncol Educ Book. 2019;39:531-542; 12. Dall'Olio FG, et al. Lung Cancer. 2020;149:5-9.

