

# CyPath® Lung testing protocol for physicians, physician assistants, nurse practitioners, navigators, and staff for use with patients with indeterminate pulmonary nodules

## Guidance to identify and instruct patients at high risk for lung cancer who may benefit from CyPath® Lung

### Patient identification

1. Patient meets society recommendations as high risk for lung cancer or has a pulmonary nodule needing clinical evaluation.
2. Patient has had a screening LDCT, CT or other imaging that presents a pulmonary nodule or similar finding.
3. Patient confirms he or she is producing sputum or can produce sputum using an Acapella™ airway assist device.
4. \*\*\* Unlike other adjuvant tests, CyPath® Lung testing can be used regardless of nodule size, previous diagnosis of any cancer, or nodule calculators' risk level.

### Usage criteria

1. CyPath® Lung can be used for solid and subsolid nodules of any size, shape or location.
2. Solitary or multiple nodules meet criteria.
3. Previously discovered pulmonary nodules that change in size or shape meet criteria.
4. \*\*\* CyPath® Lung is the only current adjuvant test indicated for nodules below 8 mm.

### Specimen collection

1. Consider patient education by respiratory therapist or equivalent (billable by practice).
2. Confirm patient can either produce sputum or can be induced using the Acapella™ airway assist device.
3. Advise patients to accept calls and texts from their Patient Coach to help with collection and sample return.
4. Advise patients to continue any prescribed breathing treatments and instruct them on use of the Acapella™ airway assist device.
5. Urge patient to watch the video, "Collecting a Sputum Sample for CyPath® Lung," in which a respiratory therapist demonstrates techniques for successful sputum sample collection.
6. Make sure patients understand that the sputum sample must be **collected for three consecutive days** in the single collection cup that must be refrigerated after each collection.
7. Instruct patient to place cold pack that came with the kit in the freezer.

## Specimen return

1. Instruct patient to place the frozen cold pack in the kit next to the sputum sample on the third day of collection before placing the kit into the FedEx return envelope and shipping to the lab.
2. Make sure patient understands the importance of closing the collection cup lid securely to ensure the integrity of the sample. Demonstrate by having the patient line up the grooves in the lid with the grooves on the cup and tightening the lid until they hear the “click.”
3. Tell the patient to schedule a morning pick-up by FedEx (or other designated courier service) for the third day of collection. The collection kit contains a pre-paid, pre-addressed FedEx envelope for overnight delivery. The Patient Coach can help with scheduling FedEx pickup or courier service. Alternatively, the provider may choose to have the patient bring the sample back to the office the morning of the third day of collection for the provider to ship overnight to the lab.

## Insurance reimbursement

The following diagnosis codes can be used for CyPath® Lung testing.

1. R91.1 Solitary pulmonary nodule
2. R91.8 Other non-specific abnormal finding of lung field/Multiple pulmonary nodules

These diagnosis codes are a reference that may be relevant to patients for whom CyPath® Lung is ordered. This is not an all-inclusive list; for specificity refer to the most current edition of ICD-10-CM codes and code to the highest level of specificity based on the patient’s condition. The presence or absence of these codes is not a guarantee of coverage or payment.

## Paperwork and Results

1. The CyPath® Lung requisition form is simple and can be filled out quickly.
2. CyPath® Lung staff is available to answer any paperwork or protocol questions by calling 210-646-0890.
3. The Precision Pathology Laboratory Services/CyPath® Lung medical team can answer any questions about results.

**Urge patients to speak with their CyPath® Lung Patient Coach who will contact them by text and/or phone to help with sample collection and overnighting their samples to our laboratory. Call 210-917-6737 to reach a patient coach.**

**CyPath® Lung**

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