

## INCLUSION CRITERIA

- Women or men age 50 to 75 years.  Yes  No
- Current or former smokers who have smoked cigarettes for 20 years or more. A former smoker is defined as one who has stopped smoking for one or more years.  Yes  No
- An estimated 3-year lung cancer risk of  $\geq 2\%$  based on the risk prediction model.  Yes  No
- ECOG performance status 0 or 1.  Yes  No
- Capable of providing, informed consent for screening procedures (low dose spiral CT, AFB, spirometry, blood biomarkers).  Yes  No

## EXCLUSION CRITERIA

- Any medical condition, such as severe heart disease (e.g. unstable angina, chronic congestive heart failure), acute or chronic respiratory failure, bleeding disorder, that in the opinion of the investigator could jeopardize the subject's safety during participation in the study or unlikely to benefit from screening due to shortened life-expectancy from the co-morbidities.  Yes  No
- Diagnosis of cancer except for non-melanomatous skin cancer, localized prostate cancer, carcinoma in situ (CIS) of the cervix, or superficial bladder cancer with the last treatment  $\leq 5$  years prior to registration onto this study.  Yes  No
- Ex-smoker for  $\geq 15$  years.  Yes  No
- On Anti-coagulant treatment such as warfarin or heparin  Yes  No
- Known reaction to Xyocaine, salbutamol, midazolam, and alfentanil  Yes  No
- Pregnancy  Yes  No
- Unwilling to have a spiral chest CT.  Yes  No
- Unwilling to sign a consent.  Yes  No
- Chest CT within 2 years.  Yes  No