






# Blood Test to Rule Out Lung Cancer in Patients with Low to Moderate Probability Nodules

CLINICAL QUESTION	STUDY DESIGN	RESULTS
<p>Can a blood test identify benign lung nodules?</p> <p>Used <b>Integrated Classifier</b> that combines factors in a clinical risk prediction model</p> <ul style="list-style-type: none"><li>Levels of two Plasma Proteins <b>LG3BP</b> <b>C163A</b></li><li>And 5 Clinical Risk Factors</li></ul> 	<p>Prospective Multicenter Observational Study</p> <p><b>178 patients</b> with low to moderate risk nodules (&lt;50% pretest probability of cancer)</p>  <p>29 (16%) malignant</p>	<p>Integrated Classifier had</p> <p>Sensitivity 97% Specificity 44% <b>Negative Predictive Value 98%</b></p>  <p>With clinical use can expect:</p> <p><b>40% fewer procedures on benign nodules</b></p>  <p><b>3% malignant nodules misclassified</b></p> 

Silvestri G et al. *CHEST* 2018; 154(3): 491-500

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