

## Lung Cancer Screening with Low-Dose Computed Tomography: Management and Efficiency

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### Abstract

With the support of the Moscow Healthcare Department the pilot project «Low-dose computed tomography as a method of lung cancer screening» was launched in 10 Moscow outpatient clinics. Special protocols, risk group criteria, questionnaires, analysis algorithms, research description templates, tactics for conducting foci in the lungs according to LungRADS, collection of scan results, routing and organizational processes had been developed. During first 7 months of the pilot project 2846 LDCT were performed. There are 357 (12 %) patients with significant foci in the lungs, among them 3,1 % (90) were referred to an oncologist for a decision about PET-CT scan needs.

**Key words:** Low-Dose Computed Tomography, Lung Cancer, Screening.

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