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Lung-RADS Version 1.0

Brett W. Carter, John P. Lichtenberger, Girish Shroff, Carol C. Wu



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Lung-RADS Version 1.0

Brett W. Carter, MD¹; John P. Lichtenberger III, MD²; Girish Shroff, MD¹; Carol C. Wu, MD¹

¹ Department of Diagnostic Radiology, The University of Texas MD Anderson Cancer Center, Houston, Texas

² Department of Radiology and Radiological Sciences, Uniformed Services University of the Health Sciences, Bethesda, Maryland

Corresponding author:

Brett W. Carter, MD
The University of Texas MD Anderson Cancer Center
Department of Diagnostic Radiology, Section of Thoracic Imaging
1515 Holcombe Blvd., Unit 1478
Houston, TX 77030
Telephone number: 713-745-8451
Fax number: 713-794-4361
E-mail: bcarter2@mdanderson.org

Introduction

The National Lung Screening Trial (NLST) demonstrated that screening for lung cancer with low-dose computed tomography (LDCT) results in a 20% reduction of lung cancer-specific mortality in high-risk patients (1). The U.S. Preventive Services Task Force (USPSTF) recommends annual screening with LDCT for adults 55-80 years of age who have a 30 pack-year smoking history and currently smoke or have quit within the past 15 years (2). Similar eligibility criteria have been proposed by the Centers for Medicare and Medicaid Services (CMS) although a narrower patient age range of 55-77 years is employed (3). In an effort to standardize the reporting and management of patients undergoing screening with LDCT, as well as facilitate

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