Stereotactic Body Radiation Therapy Versus Wedge Resection for Early-Stage Node-Negative Non-Small Cell Lung Cancer Tumors ≤8 mm: A National Analysis

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INTRODUCTION

• Over the past decade, an increasing number of small non-small-cell lung cancer (NSCLC) tumors are being discovered either incidentally or through lung cancer screening.

• Objective: To evaluate the overall survival of patients with early-stage N0 NSCLC tumors ≤8 mm who undergo stereotactic body radiation therapy (SBRT) versus wedge resection.

• Statistical analyses: Kaplan-Meier analysis, multivariable Cox proportional hazard analysis, propensity score matched analysis

METHODS

Statistical analyses: Kaplan-Meier analysis, multivariable Cox proportional hazard analysis, propensity score matched analysis

RESULTS

• Patients with NSCLC ≤8 mm undergoing wedge resection experienced improved survival when compared to SBRT