

Caring Ambassadors Lung Cancer Program

Literature Review, March 2022

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**Screening, Comprehensive Biomarker Testing, Diagnosis and Staging**

[**Biomarker testing and tissue journey among patients with metastatic non-small cell lung cancer receiving first-line therapy in The US Oncology Network**](https://pubmed.ncbi.nlm.nih.gov/35313244/)Lung Cancer. 2022 Mar 10;166:197-204. doi: 10.1016/j.lungcan.2022.03.004. Online ahead of print. Nicholas J Robert 1 , Janet L Espirito 2 , Liwei Chen 3 , Esmond Nwokeji 4 , Mandar Karhade 5 , Makenzi Evangelist 6 , Alexander Spira 7 , Marcus Neubauer 8 , Susie Bullock 9 , Jennifer Walberg 10 , Steven K Cheng 11 , Robert L Coleman 12

[**Improvement in Stage of Lung Cancer Diagnosis With Incidental Pulmonary Nodules Followed With a Patient Tracking System and Computerized Registry**](https://pubmed.ncbi.nlm.nih.gov/35310139/)JTO Clin Res Rep. 2022 Feb 16;3(3):100297. doi: 10.1016/j.jtocrr.2022.100297. eCollection 2022 Mar. Laurie L Carr 1 , Debra S Dyer 2 , Pearlanne T Zelarney 3 , Elizabeth O Kern 4

[**Lung Cancer Diagnosed Through Screening, Lung Nodule, and Neither Program: A Prospective Observational Study of the Detecting Early Lung Cancer (DELUGE) in the Mississippi Delta Cohort**](https://pubmed.ncbi.nlm.nih.gov/35258994/)J Clin Oncol. 2022 Mar 8;JCO2102496. doi: 10.1200/JCO.21.02496. Online ahead of print. Raymond U Osarogiagbon 1 , Wei Liao 1 , Nicholas R Faris 1 , et al.

[**Pretreatment Invasive Nodal Staging in Lung Cancer: Knowledge, Attitudes, and Beliefs Among Academic and Community Physicians**](https://pubmed.ncbi.nlm.nih.gov/34801593/)Chest. 2022 Mar;161(3):826-832. doi: 10.1016/j.chest.2021.11.010. Epub 2021 Nov 18. Louise M Henderson 1 , Farhood Farjah 2 , Frank Detterbeck 3 , Robert A Smith 4 , Gerard A Silvestri 5 , M Patricia Rivera 6

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[**Comparison of sampling methods for next generation sequencing for patients with lung cancer**](https://pubmed.ncbi.nlm.nih.gov/35274488/)

Cancer Med. 2022 Mar 10. doi: 10.1002/cam4.4632. Online ahead of print. Kei Kunimasa 1 , Shingo Matsumoto 2 , Kazumi Nishino 1 , et al.

[**Liquid Biopsy-based Precision Therapy in Patients with Advanced Solid Tumors: A Real-world Experience from a Community-based Oncology Practice**](https://pubmed.ncbi.nlm.nih.gov/35274713/)Oncologist. 2022 Mar 11;27(3):183-190. doi: 10.1093/oncolo/oyac007. Khalil Choucair 1 , Bassam Ibrahim Mattar 2 , et al.

[**Among Multiple Needle Core Biopsy Samples, the One with the Highest Tumor Proportion Score Best Represents the PD-L1 Status of the Whole Surgical Specimen in Non-Small Cell Lung Cancer**](https://pubmed.ncbi.nlm.nih.gov/34753887/)

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[**Impact of the COVID-19 pandemic on diagnosis of new cancers: A national multicenter study of the Veterans Affairs Healthcare System**](https://pubmed.ncbi.nlm.nih.gov/34866184/)Cancer. 2022 Mar 1;128(5):1048-1056. doi: 10.1002/cncr.34011. Epub 2021 Dec 6. Brian R Englum 1 , Nikhil K Prasad 1 2 , Rachel E Lake 1 2 , Minerva Mayorga-Carlin 1 2 , Douglas J Turner 1 2 , Tariq Siddiqui 1 2 , John D Sorkin 3 4 , Brajesh K Lal 1 2

[**Use and Outcomes of Low-Dose CT Lung Cancer Screening in the Medicare Population**](https://pubmed.ncbi.nlm.nih.gov/35364090/)Chest. 2022 Mar 29;S0012-3692(22)00575-X. doi: 10.1016/j.chest.2022.03.031. Online ahead of print. Paul F Pinsky 1 , Eric Miller 1

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[**Stakeholder Research Priorities to Promote Implementation of Shared Decision-Making for Lung Cancer Screening: An American Thoracic Society and Veterans Affairs Health Services Research and Development Statement**](https://pubmed.ncbi.nlm.nih.gov/35289730/)Am J Respir Crit Care Med. 2022 Mar 15;205(6):619-630. doi: 10.1164/rccm.202201-0126ST. Renda Soylemez Wiener, Anna M Barker, Lisa Carter-Harris, et al.

**Clinical Trials, Cohort Studies, Pilot Studies**

**NSCLC - Surgery**

[**Risk of Each of the Five Lung Lobectomies: A Society of Thoracic Surgery Database Analysis**](https://pubmed.ncbi.nlm.nih.gov/35339439/)

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[**Primary Tumor Resection for Stage IV Non-small-cell Lung Cancer Without Progression After First-Line Epidermal Growth Factor Receptor-Tyrosine Kinase Inhibitor Treatment: A Retrospective Case-Control Study**](https://pubmed.ncbi.nlm.nih.gov/35254583/)Ann Surg Oncol. 2022 Mar 7. doi: 10.1245/s10434-022-11483-7. Online ahead of print. Shuenn-Wen Kuo # 1 , Pei-Hsing Chen # 2 , Tzu-Pin Lu 3 4 , Ke-Cheng Chen 1 , Hsien-Chi Liao 5 , Kuan-Chuan Tsou 6 , Tung-Ming Tsai 7 , Mong-Wei Lin 1 , Hsao-Hsun Hsu 1 , Jin-Shing Chen 8 9

[**Effects of Preserving the Pulmonary Vagus Nerve Branches on Cough After Pneumonectomy During Video-Assisted Thoracic Surgery**](https://pubmed.ncbi.nlm.nih.gov/35356225/)Front Oncol. 2022 Mar 9;12:837413. doi: 10.3389/fonc.2022.837413. eCollection 2022. Shaorui Gu 1 , Wenli Wang 1 , Xishi Wang 1 , Kaiqin Wu 1 , Xin Zhang 1 , Shiliang Xie 1 , Yongxin Zhou 1

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Cancer J. 2022 Mar-Apr 01;28(2):96-104. doi: 10.1097/PPO.0000000000000583. Shun Lu 1 , Yan Yu 2 , Gisoo Barnes 3 , Xiusong Qiu 4 , Yuanyuan Bao 4 , Boxiong Tang 3

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**NSCLC - Radiotherapy**

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**Small Cell Lung Cancer - SCLC**

[**The overall survival impact of prophylactic cranial irradiation in limited-stage small-cell lung cancer: A systematic review and meta-analysis**](https://pubmed.ncbi.nlm.nih.gov/35243025/)Clin Transl Radiat Oncol. 2022 Feb 17;33:145-152. doi: 10.1016/j.ctro.2022.02.002. eCollection 2022 Mar. Mathijs L Tomassen 1 , Jacquelien Pomp 1 , Janneke van der Stap 2 , et al.

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**Palliative And Supportive Care**

[**A high stress profile is associated with severe pain in oncology patients receiving chemotherapy**](https://pubmed.ncbi.nlm.nih.gov/35366425/)

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[**Effects of the Training of Aerobic Function on Clinical Symptoms and Quality of Life in Patients with Medium and Advanced Lung Cancer**](https://pubmed.ncbi.nlm.nih.gov/35368926/)J Healthc Eng. 2022 Mar 23;2022:6753959. doi: 10.1155/2022/6753959. eCollection 2022. Xiangyan Lv 1 , Yan Zhao 1 , Yuqin Wu 2

[**Effects of family-oriented dignity therapy on dignity, depression and spiritual well-being of patients with lung cancer undergoing chemotherapy: A randomised controlled trial**](https://pubmed.ncbi.nlm.nih.gov/35339908/)Int J Nurs Stud. 2022 Mar 2;129:104217. doi: 10.1016/j.ijnurstu.2022.104217. Online ahead of print. Jinnan Xiao 1 , Ka Ming Chow 2 , Kai Chow Choi 3 , S N Marques Ng 4 , Chongmei Huang 5 , Jinfeng Ding 6 , W H Carmen Chan 7

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[**Electronic Patient Symptom Management Program to Support Patients Receiving Cancer Treatment at Home During the COVID-19 Pandemic**](https://pubmed.ncbi.nlm.nih.gov/35339378/)Value Health. 2022 Mar 23;S1098-3015(22)00100-0. doi: 10.1016/j.jval.2022.01.023. Online ahead of print. Debra Wujcik 1 , William N Dudley 2 , Matthew Dudley 2 , Vibha Gupta 3 , Jeannine Brant 4

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**Complementary & Alternative Therapy**

[**Complementary Medicine Use Amongst Patients with Metastatic Cancer Enrolled in Phase III Clinical Trials**](https://pubmed.ncbi.nlm.nih.gov/35274718/)Oncologist. 2022 Mar 11;27(3):e286-e293. doi: 10.1093/oncolo/oyac020.

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**Miscellaneous Works**

[**Age-based disparities in telehealth use in an urban, underserved population in cancer and pulmonary clinics: A need for policy change**](https://pubmed.ncbi.nlm.nih.gov/35353071/)J Am Assoc Nurse Pract. 2022 Mar 30. doi: 10.1097/JXX.0000000000000708. Online ahead of print. Mary M Pasquinelli 1 , Darshil Patel 2 , Ryan Nguyen 1 , Joelle Fathi 3 , Mahir Khan 1 , Katia Fernandez 1 , Yash Bhatia 1 , Susan Corbridge 1 , Kasandra Cadman 4 , Vanessa Harmon 5 , Julia Trosman 6 7 , Christine Weldon 6 7 , Andrea A Pappalardo 1 8 , Sharmilee M Nyenhuis 1

[**Impact of COVID-19 vaccination on the use of PD-1 inhibitor in treating patients with cancer: a real-world study**](https://pubmed.ncbi.nlm.nih.gov/35264438/)J Immunother Cancer. 2022 Mar;10(3):e004157. doi: 10.1136/jitc-2021-004157. Qi Mei # 1 , Guangyuan Hu # 1 , Yang Yang # 2 , Bo Liu # 1 , Junping Yin # 3 , Ming Li 4 , Qiao Huang 5 , Xi Tang 6 , Alexander Böhner 3 , Amy Bryant 7 , Christian Kurts 8 , Xianglin Yuan 9 , Jian Li 3

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