

New program aims to identify lung cancers earlier that may otherwise go undetected

CT scans could contain lifesaving information on early-stage cancer, but only if experts are looking for it

The Ohio State University Comprehensive Cancer Center -
Arthur G. James Cancer Hospital and Richard J. Solove Research Institute

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NEWS PACKAGE

SUGGESTED TEASE	A COMMON IMAGING TEST USED FOR INJURIES AND ILLNESSES CAN ALSO CONTAIN LIFE-SAVING INFORMATION ABOUT EARLY-STAGE CANCERS, BUT ONLY IF DOCTORS ARE LOOKING FOR IT. COMING UP, HOW NEW PROTOCOLS CAN HELP DETECT DEVELOPING LUNG CANCER.
ANCHOR LEAD	LARGELY DUE TO LATE-STAGE DIAGNOSIS, MORE PEOPLE DIE EACH YEAR FROM LUNG CANCER THAN BREAST, COLON AND PROSTATE CANCERS COMBINED ¹ . MOST PATIENTS DON'T EXPERIENCE SYMPTOMS OF LUNG CANCER UNTIL IT IS ADVANCED, BUT EARLY SIGNS OF THE DISEASE MAY POP UP ON COMMON MEDICAL IMAGING TESTS FOR INJURIES AND ILLNESSES THAT ARE COMPLETELY UNRELATED TO CANCER. BARB CONSIGLIO HAS MORE ON THIS PROGRAM, AND HOW DELIBERATELY AND METHODICALLY REVIEWING INCIDENTAL C-T SCAN FINDINGS COULD SAVE LIVES.
(PACKAGE START) ----- CG: Courtesy: The Ohio State University Comprehensive Cancer Center - Arthur G. James Cancer Hospital and Richard J. Solove Research Institute	(Nats - Sound) :02
Steve using breathing machine	STEVE PORTER WAS SYMPTOM-FREE WHEN HE HAD A ROUTINE C-T SCAN, BUT HIS DOCTOR NOTICED A SMALL, HAZY SPOT IN HIS LUNG. :06
CG: Steve Porter Cancer patient	<i>"If I would've kept going feeling the way I did, it could've been already spread through my whole body and never even known."</i> :08
Shot of patient undergoing C-T scan	SEVENTY-FIVE MILLION C-T SCANS ARE PERFORMED EACH YEAR IN THE U-S ² AND WHEN THEY INCLUDE THE CHEST, THEY CAN DETECT SMALL SPOTS IN THE LUNG, CALLED LUNG NODULES, THAT MAY BE A SUBTLE SIGN OF

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<p>Shots of Dr. Pannu reviewing scan</p>	<p>DEVELOPING LUNG CANCER. THESE SO-CALLED INCIDENTAL FINDINGS – POTENTIAL CONCERNS THAT ARE NOTED BUT UNRELATED TO THE ORIGINAL TESTING REASON – ARE RARELY INVESTIGATED FURTHER BECAUSE THE TREATMENT TEAM IS FOCUSED ON ADDRESSING THE ORIGINAL CONCERN.</p>
<p>Shots of lung biopsy</p>	<p>CLINICIANS AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER – JAMES CANCER HOSPITAL AND SOLOVE RESEARCH INSTITUTE DESIGNED A LUNG NODULE PROGRAM³ TO FLAG C-T SCANS WITH INCIDENTAL LUNG NODULE FINDINGS FOR FURTHER EVALUATION. :35</p>
<p>CG: Dr. Jasleen Pannu The Ohio State University Comprehensive Cancer Center - Arthur G. James Cancer Hospital and Richard J. Solove Research Institute</p>	<p><i>“So a patient may present to the emergency room with abdominal pain or chest pain or any other complaint that makes them get a scan which captures some imaging of the chest. And the imaging may detect some small spot or a nodule that could present as an opportunity to detect lung cancer early.” :20</i></p>
<p>Shot of lung nodule team</p>	<p>NOT ALL NODULES ARE CANCEROUS SO THE OSUCCC- JAMES TEAM USES ARTIFICIAL INTELLIGENCE TOOLS TO CATEGORIZE FLAGGED C-T SCANS ACCORDING TO A PATIENT’S RISK TO MAXIMIZE CLINICAL RESOURCES AND ENSURE THE HIGHEST-RISK PATIENTS RECEIVE ATTENTION SOONER.</p>
<p>Shots of Dr. Pannu talking to patient</p>	<p>PANNU (puh-NEW) ESTIMATES THAT ROUGHLY ONE THOUSAND PEOPLE COULD BE DIAGNOSED WITH EARLY-STAGE LUNG CANCER EACH YEAR AT OHIO STATE ALONE THROUGH THIS NEW PROGRAM. :23</p>
<p>Dr. Jasleen Pannu (CG’d earlier)</p>	<p><i>“Whoever we see in our clinic is discussed with the radiologist, surgeons, cancer doctors and pulmonologists who do biopsy in advance. So we can have an advanced plan for the patient before we even see them.” :14</i></p>
<p>Steve Porter (CG’d earlier) Cancer patient</p>	<p><i>“I feel like it saved my life.” :02</i></p>
<p>Shots of lung biopsy</p>	<p>AT THE OHIO STATE UNIVERSITY COMPREHENSIVE CANCER CENTER— JAMES CANCER HOSPITAL AND SOLOVE RESEARCH INSTITUTE, THIS IS BARB CONSIGLIO REPORTING. :07</p>
<p>(PACKAGE END) -----</p>	
<p>ANCHOR TAG</p>	<p>THE AVERAGE SURVIVAL RATE OF LUNG CANCER PATIENTS CAN BE AS LOW AS TWENTY-SIX PERCENT⁴. BUT BY DETECTING AND TREATING LUNG CANCER IN ITS EARLY STAGES WHILE THE MASS IS STILL SMALL, A PATIENT’S CHANCE OF SURVIVAL NEARLY TRIPLES⁴. MORE THAN ONE-HUNDRED-THIRTY-THOUSAND PEOPLE DIE OF LUNG CANCER IN THE U-S EACH</p>

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CG: Steve Porter
Cancer patient

Steve says early detection of his lung cancer saved his life:
"The early detection is going to save your life. Mine was a slow growing cancer that they figured out, so I was kind of lucky in that regard." :10

References

¹Key Statistics for Lung Cancer, **American Cancer Society, 2022**. Online:
<https://www.cancer.org/content/dam/CRC/PDF/Public/8703.00.pdf>

²Over 75 Million CT Scans Are Performed Each Year and Growing Despite Radiation Concerns, **iDataResearch, 2018**. Online:
<https://idataresearch.com/over-75-million-ct-scans-are-performed-each-year-and-growing-despite-radiation-concerns/>

³New program aims to catch hundreds of early lung cancers, **The Ohio State University Wexner Medical Center**. Online:
https://wexnermedical.osu.edu/departments/innovations/pulmonology/new-lung-cancers-program?utm_source=thirdparty_dmd&utm_medium=email&utm_campaign=med_national_reputation_fy22_pulm&utm_content=story_2&aimlink=724de2de574f91ff571a214f6bff1d3d&aimtoken=ndgymte2ltaymdjiotmw

⁴Lung Cancer Early Detection, Diagnosis, and Staging, **American Cancer Society, 2019**. Online: <https://www.cancer.org/content/dam/CRC/PDF/Public/8705.00.pdf>

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