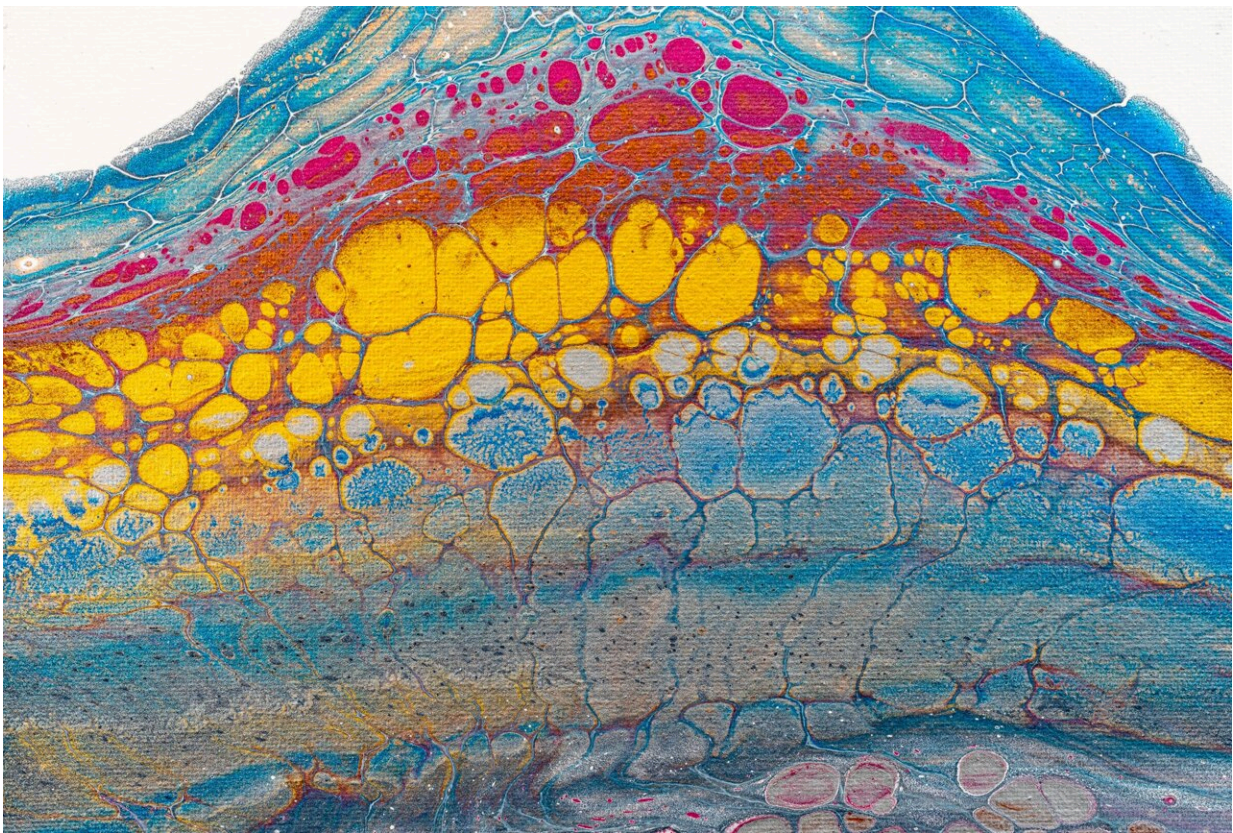


Increased utilization of stereotactic body radiotherapy has decreased treatment disparities for early-stage NSCLC

August 8 2022



Credit: Unsplash/CC0 Public Domain

The use of Stereotactic Body Radiotherapy (SBRT) for patients with non-small cell lung cancer can reduce treatment disparities between White

and Black patients, according to research presented today at the IASLC World Conference on Lung Cancer 2022 in Vienna.

Previous [research](#) has shown significant treatment disparities for Black [patients](#) who are less likely to receive curative therapy for early-stage [lung cancer](#). Researchers led by Ashwin Ganesh, from the University of Illinois College of Medicine in Chicago sought to determine if increased use of stereotactic body radiation therapy (SBRT) has led to an increase in the proportion of patients receiving definitive treatment for early-stage [non-small cell lung cancer](#) (NSCLC).

SBRT is a form of radiation therapy that allows the radiation to be focused more closely on the cancer tumor, thus sparing [healthy tissue](#) and allowing the clinician to use a stronger dose of radiation.

Dr. Ganesh used The National Cancer Database (NCDB) to determine the proportion of patients with NSCLC receiving surgical treatment, SBRT, or no definitive treatment (observation) for clinical stage T1-T2 N0M0 NSCLC from 2004-2017. The receipt of treatment for NSCLC was evaluated in terms of the overall population and by race.

From 2004 to 2017, the proportion of early-stage NSCLC undergoing observation declined from 22% in 2004 to 10.5% in 2017 (p

Citation: Increased utilization of stereotactic body radiotherapy has decreased treatment disparities for early-stage NSCLC (2022, August 8) retrieved 5 May 2024 from <https://medicalxpress.com/news/2022-08-stereotactic-body-radiotherapy-decreased-treatment.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.
