

ASCO: single radiation Tx enough for spinal pain in cancer mets

June 5 2017



(HealthDay)—Just one dose of radiation works as well as a full week of

treatment for metastatic spinal canal compression, according to a study presented at the annual meeting of the American Society of Clinical Oncology, held from June 2 to 6 in Chicago.

Peter Hoskin, M.D., of the Mount Vernon Cancer Centre in Middlesex, U.K., and colleagues assessed 688 patients with metastatic prostate, lung, breast, and gastrointestinal cancers.

The researchers found that a single radiation [treatment](#) was as effective as five radiation sessions. The patients were assessed by how well they could walk and move. Both short-course and longer-course radiation treatments helped patients stay mobile.

"Our findings establish single-dose radiotherapy as the standard of care for metastatic spinal canal compression, at least for patients with a short life expectancy. For patients, this means fewer hospital visits and more time with family," Hoskin said in a news release from the American Society of Clinical Oncology. "Longer radiation may be more effective for preventing regrowth of metastases in the spine than single-dose radiation. Therefore, a longer course of [radiation](#) may still be better for [patients](#) with a longer life expectancy, but we need more research to confirm this."

Several authors disclosed financial ties to the pharmaceutical industry.

More information: [Press Release](#)
[More Information](#)

Copyright © 2017 [HealthDay](#). All rights reserved.

Citation: ASCO: single radiation Tx enough for spinal pain in cancer mets (2017, June 5) retrieved 12 June 2024 from <https://medicalxpress.com/news/2017-06-asco-tx-spinal-pain->

[cancer.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.