

Researchers issue risk mitigation strategies for iodinated contrast shortage

June 27 2022



In a special commentary published in the *Journal of the American*

College of Radiology, risk mitigation strategies are presented for use during the current iodinated contrast shortage.

Carolyn L. Wang, M.D., from the University of Washington in Seattle, and colleagues developed recommendations on how providers may address the current global shortage of iodinated contrast media.

The researchers note that alternative studies should be used to answer clinical questions such as non-contrast computed tomography (CT), [magnetic resonance](#) with or without gadolinium-based contrast media, and ultrasound with or without ultrasound contrast agents. When feasible, [nuclear medicine](#), or [positron emission tomography](#)/CT, should be used. Alternative versions of contrast agents should be sought, and if possible, contrast should be sourced from other vendors. Institutional pharmacies should be contacted if there is currently access to higher-volume single-use vials to ascertain whether it is possible to repackage vials in smaller aliquots to reduce waste at the institutional level. Individual dose administration should be minimized to reduce waste. Higher-concentration agents should be reserved for angiographic studies and multiphase studies.

"Our recommendations are not exhaustive or prescriptive," Wang and colleagues said in a statement. "They are intended as a resource for [health care providers](#) to provide high-quality patient care during times of shortage of contrast media."

More information: Carolyn L. Wang et al, Statement from the ACR Committee on Drugs and Contrast Media on the Intravenous Iodinated Contrast Media Shortage, *Journal of the American College of Radiology* (2022). [DOI: 10.1016/j.jacr.2022.05.006](https://doi.org/10.1016/j.jacr.2022.05.006)

2022 HealthDay. All rights reserved.

Citation: Researchers issue risk mitigation strategies for iodinated contrast shortage (2022, June 27) retrieved 5 February 2023 from <https://medicalxpress.com/news/2022-06-issue-mitigation-strategies-iodinated-contrast.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.