



SIEMENS

Optimize CARE CT

Achieving the right dose

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Answers for life.

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Because of its widespread availability and numerous diagnostic benefits, the number of CT procedures is constantly rising. Currently CT examinations make up approximately 18 percent of all imaging procedures performed, however they account for over 50 percent of the collective dose from medical radiation¹. Therefore, from the patient's perspective and increasingly in the media, CT is being placed under special scrutiny.

Medical radiation can be minimized by preventing the inappropriate use of imaging and by optimizing the scanning protocols to achieve the right dose for the purpose of the CT study².

For you as responsible healthcare provider, and for us as a manufacturer of CT equipment, it is imperative to reduce radiation dose and attempt to make the examination as safe as feasible.

A holistic approach to CT dose reduction

Siemens Healthcare Customer Services has developed an innovative consulting service, **Optimize CARE CT**, which aims to reduce radiation exposure in routine CT examinations without compromising diagnostic image quality.

Take the next step to right dose management

- Are you taking full advantage of the dose reduction technologies that are already on your scanners?
- Are these technologies utilized appropriately so that their benefits ultimately reach your patients?
- What tools or metrics are you using to track your dose performance?
- What programs do you have in place to ensure consistent awareness about appropriate use of medical radiation among your staff?
- How can you effectively instill standards and promote a safety culture which is necessary for the safe use of diagnostic radiation?

Optimize CARE CT can help you address all these questions and set you on the path to improve the knowledge of your staff, deliver quality care for your patients, as well as enhance your standing as a responsible healthcare provider.

If you like to learn more about **Optimize CARE CT** or how Siemens can help you to develop a solution for the right dose management, contact your Siemens Healthcare representative directly or visit www.siemens.com/low-dose

Sources:

1. Ionizing Radiation Exposure of the Population of the United States (Report No. 160, 2009), National Council on Radiation Protection and Measurements (NCRP)
2. Joint Commission Sentinel Alert, Issue 47, August 2011

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