

Are you driven by



reducing medical radiation exposure for routine CT examinations?

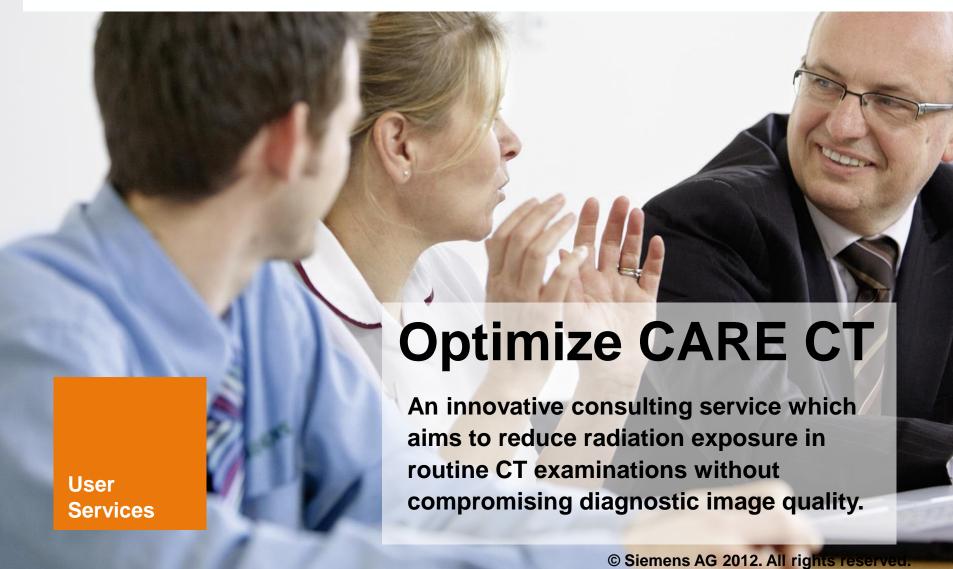
utilizing technical advances to their full potential for the benefits of your patient?



instill consistent awareness among your staff for the safe use of diagnostic radiation?



We can help you with



Optimize CARE CT Four steps to right dose management





Optimize CARE CT consulting project spans more than 10 weeks from start to end

Data collection and analysis of baseline CT dose status

Preparation

Presentation of baseline status and change initialization

Consulting

Remote support and monitoring of change

Monitoring*

progress

Closure





Presentation of

project closure

results and

^{*} Duration of the monitoring phase depends on speed of change implementation

Optimize CARE CT Key benefits of this program

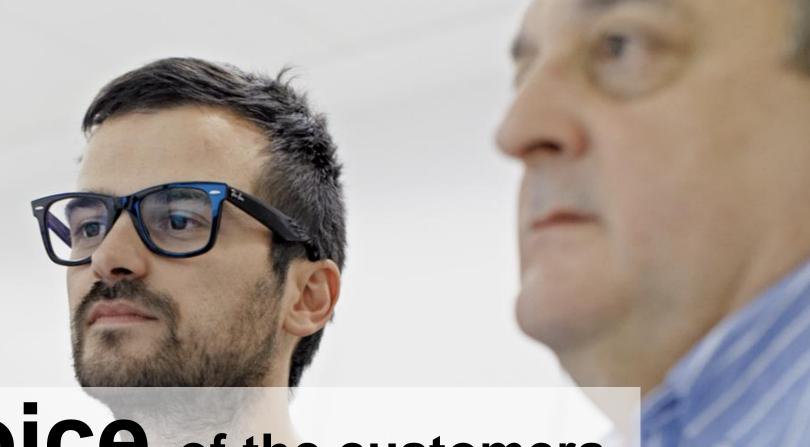
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- In depth analysis of your CT dose baseline
- Customized training on dose analytics and the appropriate use of right dose technologies
- Optimization of scan protocols
 - Easy implementation; adapted to daily workflow
- Clinical support during the monitored change process



Learn from customers who had enjoyed the benefits of Optimize CARE CT



Voice of the customers.

The statements by Siemens' customers described herein are based on results that were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist (e.g. hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results.

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It is very satisfying to have the technologies which enable us to achieve excellent diagnostic outcomes at lower dose. Despite the very busy CT practice, this program had helped us to achieve this remarkable outcome in dose reduction.



Dr. Anthony Upton, CT Radiologist

Chest	- 49% Q.Ref.mAs
KUB	- 44% Q.Ref.mAs
Abdomen	- 32% Q.Ref.mAs
L-Spine	- 25% Q.Ref.mAs
C-Spine	- 18% Q.Ref.mAs
Brain	- 17% Q.Ref.mAs

Capital Radiology Vermont, Melbourne, Australia

Large Private Practice (> 40 exams/ day)

Dose reduction achieved in ~80% of CT exams

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Reducing the CT dose is useful for patients who require multiple CT scans and exams.

This initiative has enhanced the image of this hospital as a premium care provider in this region. 77



Dr. Francis Lau,Chief Consultant Radiologist

Routine brain	-20% CTDIvol
Contrast abdomen	-32% CTDIvol
CT urinary exam	-30% CTDIvol

Island Hospital, Penang, Malaysia

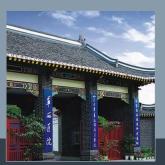
Private medical center (240 beds)

Dose reduction achieved in ~80% of CT exams

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Optimize CARE CT provides detailed knowledge and techniques on lowering dose and its implementation needs dedicated focus.

The concept is worth advocating.



Professor Wu Bing
Lead Radiologist for Optimize CARE CT

Contrast abdomen	-20% CTDIvol
Abdomen CTA	-16% CTDIvol
Non-contrast thorax	-15% CTDIvol
Spine	-15% CTDIvol

West China Hospital, Chengdu, China

Large teaching hospital (>4000 beds)

Dose reduction achieved in ~50% of CT exams

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It is really important to understand the various dose reduction capabilities of the scanner and how best to apply them in the clinical setting. Despite already being a Low Dose site, it is always good to receive more tips and tricks which can help to reduce dose further.



Liz DarcyCT Clinical Specialist

Brain	-17% Q.Ref.mAs
Chest Abdo-pelvis	-18% Q.Ref.mAs
Pulmonary CTA	-20% Q.Ref.mAs
C-spine	-14% Q.Ref.mAs

Wexford General Hospital, Wexford, Ireland

Small public hospital (240 beds)

Dose reduction achieved in $\sim 80\%$ of CT exams

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We were concerned about radiation dose in several types of exams such as brain or pediatric CT. Now patients benefit from a lower dose at the same image quality.

Brain exam with CARE Dose4D	-30% CTDIvol
Contrast abdomen	-37% CTDIvol



Dr. Maria Korn Radiologist

Krankenanstalt Rudolfstiftung, Vienna, Austria

Medium-size public hospital (800 beds)

Dose reduction achieved in $\sim 90\%$ of CT exams

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We have a lot of follow-up patients from oncology and the image quality change was not noticeable.

Diagnosis wise – no problem. "



Hendriks & A. van Niewenuizen CT technologists

Brain	-11% CTDIvol
Contrast abdomen	-16% CTDIvol
Contrast chest	-32% CTDIvol

Cape Gate Medi Clinic, Cape Town, South Africa

Small private medical clinic (200 beds)

Dose reduction in ~85% of CT exams

Optimize CARE CT We help you to



Reduce radiation exposure in routine CT exams without compromising diagnostic image quality

- Utilize dose reduction technologies appropriately
- Enhance institution's image as a responsible healthcare provider

Optimize CARE CT

Achieving the Right Dose

User Services

Driven by More.Siemens Healthcare Customer Services



User **Services**