HEALTHHUB
SPRINGFIELD LAKES

SOMATOM go.Top

Advanced CT Imaging.
Exceptional Diagnostic Confidence.



HealthHub Springfield Lakes

Introducing the SOMATOM go.Top - fast, low-dose, high-resolution imaging across the full clinical spectrum.

From a subtle fracture beside a metal implant to a lung nodule under surveillance, every referral places different demands on CT. HealthHub's new, state-of-the-art SOMATOM go.Top is designed to meet them all. It integrates patient-centric technologies and workflows that adapt to each patient, turning challenging fields into routine and supporting early disease detection, efficient treatment planning and improved patient outcomes.

Features

- **Tin Filter** allows for CT imaging at the same dose as a routine X-ray series in many non-contrast examinations
- **Stellar detector with 64x0.6mm collimation** delivers sub-millietre detail with lower image noise
- **High Power 70** provides up to 825 mA at 70 kV for stronger iodine contrast
- **CARE kV in 10 kV steps (70–140 kV)** automatically tailors tube voltage to each patient
- **Dual Energy** adds spectral information to routine examinations
- **iMAR** reduces metal artefacts around implants and fixation hardware

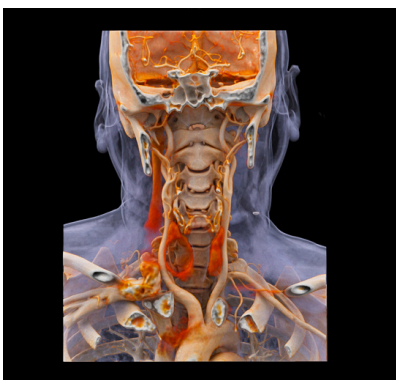






Image Courtesy of Siemens Healthineers

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Confident answers across the clinical spectrum.

HealthHub's SOMATOM go.Top delivers exceptional image quality across orthopaedic, musculoskeletal, cardiac, oncology, lung and paediatric imaging, helping you and your clinicians make confident decisions while minimising radiation exposure wherever possible.

Low-dose CT without compromising image quality

Tin Filter, patient-specific kV and iterative reconstruction help reduce dose while maintaining diagnostic quality. In many non-contrast examinations, dose can be comparable to conventional X-ray.

Comprehensive oncology imaging

Consistent results support diagnosis, staging and monitoring. Dual Energy can help detect lesions more confidently and reduce contrast, dose and follow-up examinations.

Orthopaedic and musculoskeletal imaging

Thin-slice imaging shows bone, joints and soft-tissue interfaces in detail, supporting assessment of complex fractures, small bony structures, joint pathology, sports injuries and post-operative outcomes. iMAR improves assessment around implants and fixation hardware.

Low-dose lung cancer screening and preventive imaging

Supports the National Lung Cancer Screening Program, nodule surveillance and chronic respiratory disease assessment. Lung scans in as little as 1.8 seconds with shorten breath-holds and reduced motion artefact.

Cardiac CT

A 0.33 s rotation delivers the temporal resolution for clear, motion-free cardiovascular imaging. The Advanced Cardio Package supports comprehensive cardiac assessment and consistent results at the lowest appropriate dose.

Advanced dual-energy CT

Spectral information goes beyond conventional CT to help characterise tissue and identify specific materials including non-invasive gout assessment, renal stones and oncology applications.

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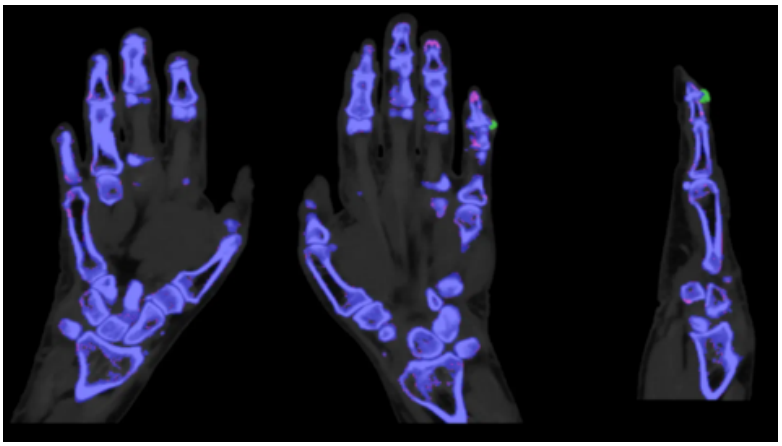
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Introducing the SOMATOM go.Top - precisions CT for fractures, joints, impants and sports injuries

Complex fractures, small bony structures and metal hardware are hardest to assess where bone meets soft tissue. HealthHub's new SOMATOM go.Top is built for these cases, combining Tin Filter technology, always-on thin slices and metal artefact reduction, at dose levels comparable to X-ray in many non-contrast examinations.

Features

- **Tin Filter** improves contrast at the bone - soft tissue interface, allows for CT imaging at the same dose as a routine X-ray series in many non-contrast examinations
- **Thin slices, always on** for small bony structures and fractures
- **iMAR** reduces metal artefacts around implants and fixation hardware
- **TwinBeam Dual Energy** adds spectral information to routine examinations
- **Monoenergetic Plus** offers further metal artefact reduction
- **70cm bore, 227kg table load** for a wide range of patients



***syngo*.CT DE Gout visualisation deposits of uric-acid crystals in peripheral extremities or periarticular soft tissue.**

Courtesy of University Hospital Erlangen, Erlangen, Germany

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Confident musculoskeletal assessment, at the lowest appropriate dose

HealthHub's SOMATOM go.Top delivers detailed assessment of bone, joints and soft-tissue interfaces, helping clinicians make confident decisions while minimising radiation exposure wherever possible.

Precision bone and fracture imaging

Thin-slice, high-resolution imaging supports clearer assessment of subtle and complex fractures and small bony structures from the first scan.

Non-invasive gout assessment

Dual-energy CT maps uric acid crystal deposits in peripheral extremities, including tendons and ligaments that aspiration cannot reach. It is non-invasive, specific and fast.

Low-dose CT without compromising image quality

Tin Filter and patient-specific kV help reduce dose while maintaining diagnostic quality. In many non-contrast examinations, dose can be comparable to conventional X-ray.

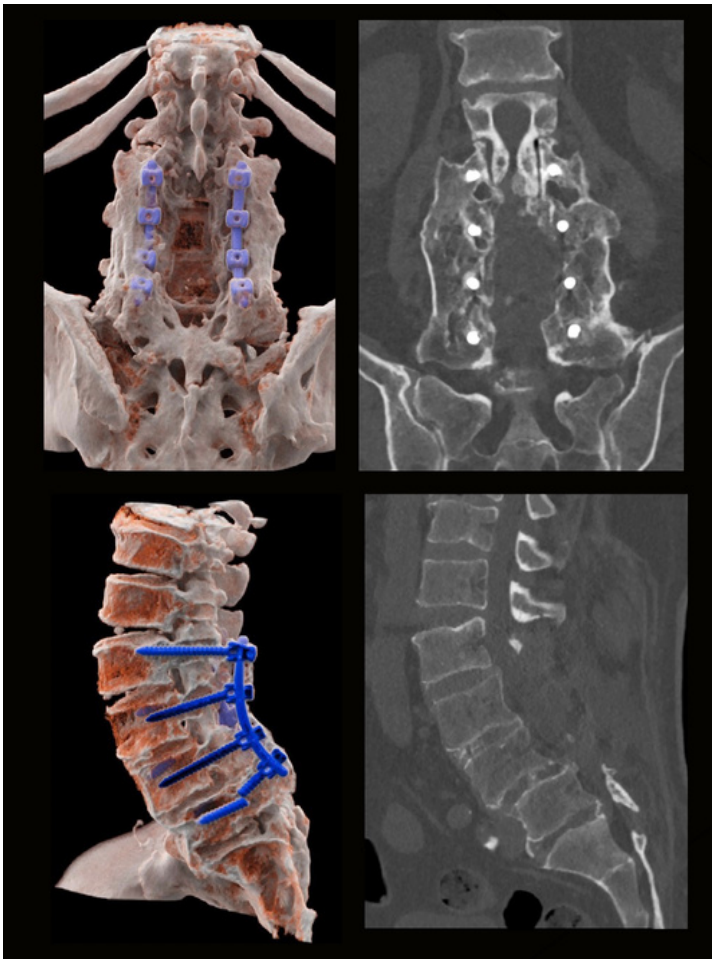
Metal implant imaging

Advanced reconstruction minimises metal artefact around joints, implants and fixation devices, supporting post-operative evaluation.

Joint pathology and sports injuries

Detailed views of bone, joint and surrounding soft tissue.

https://www.siemens-healthineers.com/en-au/computed-tomography/somatom/somatom-go-platform/somatom-go-top



High kV Tin Filter scanning for efficient metal artefact supression in high-BMI patient

Courtesy of University Hospital of Erlangen, Erlangen, Germany

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Introducing the SOMATOM go.Top -speed, low-dose technology and AI-supported workflows for cardiac imaging

Cardiac CT has traditionally meant high dose, long breath-holds and a steady heart rate. HealthHub's new SOMATOM go.Top delivers with a 0.33 s gantry rotation for the temporal resolution that motion-free imaging depends on, and the Advanced Cardio Package for comprehensive cardiac assessment and clinical consistency, supporting high image quality at the lowest appropriate dose.

Features

- **0.33s rotation** provides excellent temporal resolution for sharp cardiovascular imaging
- **High Power 70** delivers the highest tube current in its class, up to 825 mA at 70 kV, for better coronary enhancement at a lower radiation dose
- **ZeeFree** reduces stack artefact in coronary and cardiac CTA, including high or unstable heart rates
- **Recon&Go** automatically reconstructs coronary curved reformats and calcium scores
- **myExam Companion** adapts the protocol to heart rate, breath-hold ability and clinical question



Coronary CTA in a high risk patient without ZeeFree vs with ZeeFree

Courtesy of Deqing People's Hospital, Huzhou, China

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Clearer coronary answers, at the lowest appropriate dose

Our new SOMATOM go.Top delivers speed, dose efficiency and standardised workflows for cardiac CT, helping you and yours clinicians make confident decisions while minimising radiation exposure wherever possible.

Sharp imaging at higher heart rates

Fast rotation underpins high temporal resolution. ZeeFree corrects stack misalignment, keeping coronary images clear when heart rates are high or unstable, independent of detector width.

Vessel enhancement

High Power 70 supports stronger iodine contrast and sharper coronary and peripheral vessels, with lower contrast needs for patients with impaired kidney function.

Low-dose cardiac scanning

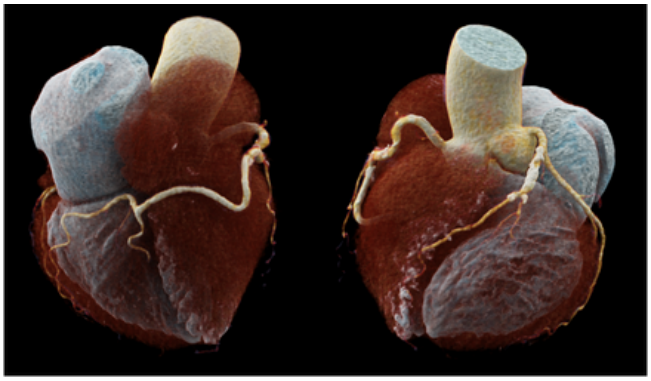
Adaptive Cardio Sequence combined with CARE kV selects voltage for each patient from 70 to 140 kV providing dose-effective ECG-synchronised scanning even in the presence of ectopics.

Calcium scoring and CTA, ready to read

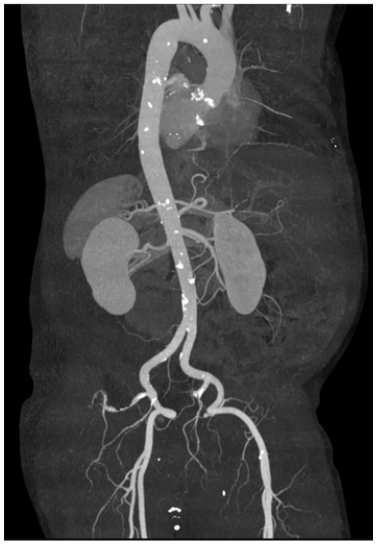
Recon&GO delivers calcium scores and zero-click coronary reformats, so results are ready when referrers need them.

Consistent results, scan after scan

myExam Companion guides protocol selection by heart rate, breath-hold ability and stent status, standardising examinations regardless of operator.



Courtesy of Ersta Diakoni Stockholm, Sweden





Courtesy of Radiologie Herrsching & Gilching, Herrsching, Germany

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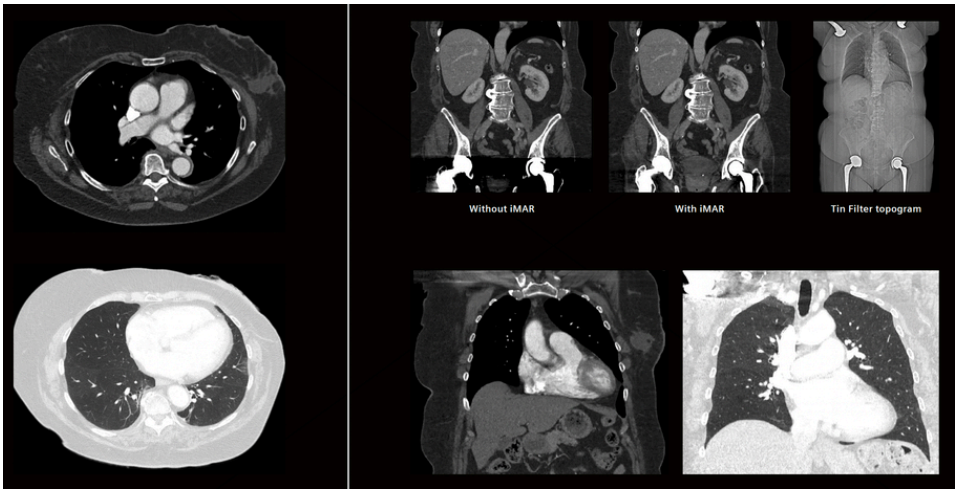
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Introducing the SOMATOM go.Top - consistent, high-quality imaging to support diagnosis, staging and treatment monitoring

Oncology patients need CT they can rely on from screening to follow-up, often across repeated scans. HealthHub's new SOMATOM go.Top supports earlier detection and confident assessment with low-dose scanning, spectral information and consistent results.

Features

- **Dual Energy** adds spectral data to routine scans, helping detect subtle lesions and reduce contrast, radiation dose and follow-up examinations
- **Tin Filter** enables low-dose lung cancer screening
- **Stellar detector** with always-on sub-millimetre collimation for fast, sharp, low-motion scans
- **High Power 70** supports 70 kV imaging at up to 825 mA for improved image contrast
- **Recon&Go** delivers ready-to-read, standardised results
- **iMAR** reduces metal artefact from implants



Low-kV imaging even in high BMI patient without compromises on image quality

Images Courtesy of Queensland X-ray - Mater Mackay Hospital

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Detect earlier, characterise confidently and monitor consistently

HealthHub's SOMATOM go.Top delivers advanced imaging for diagnosis, staging and treatment monitoring, helping clinicians make confident decisions while minimising radiation exposure wherever possible.

Robust oncology diagnosis

Dual Energy supports improved lesion detection and evaluation from a single acquisition, with zero-click virtual non-contrast and monoenergetic images. It can help reduce contrast, dose and follow-up examinations.

Low-dose lung cancer screening and preventive imaging

Supports the National Lung Cancer Screening Program, nodule surveillance and chronic respiratory disease assessment. Lung scans in as little as 1.8 seconds with shorten breath-holds and reduced motion artefact.

Staging in seconds

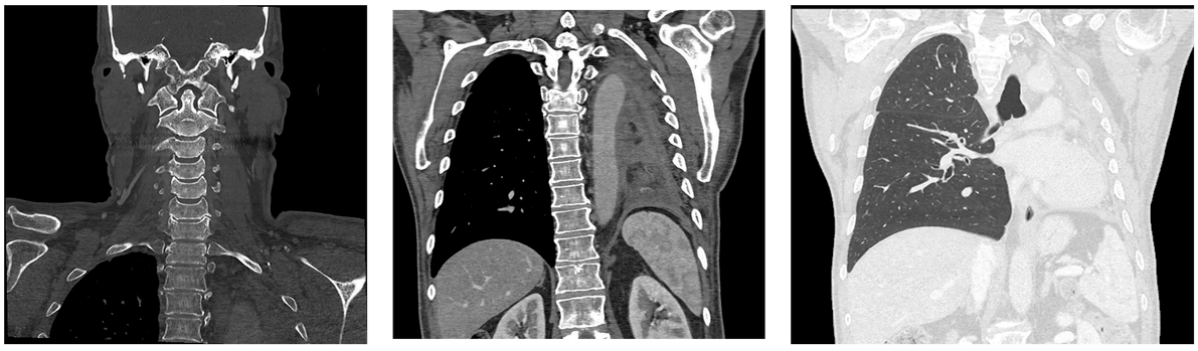
Contrast-enhanced thorax, abdomen and neck staging down to 70 kV, with each region scanned in seconds, gives a complete picture of disease extent in one visit.

Contrast where it matters

High Power 70 delivers stronger iodine contrast at low kV, which can help minimise contrast media and avoid excluding patients with impaired kidney function.

Consistant monitoring

Standardised protocols and automated reconstructions help ensure changes at follow-up reflect the disease, not variation in technique.



Restaging after Lung Cancer resection

Courtesy of University Hospital of Erlangen, Erlangen, Germany

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