



**SIEMENS**

[usa.siemens.com/xr29](http://usa.siemens.com/xr29)

# Is your CT ready for the XR-29 Smart Dose Standard?

Upgrade your system to avoid Medicare reimbursement penalties

The NEMA XR-29 Smart Dose Standard aims to improve patient safety by setting a technology benchmark for dose-optimizing capabilities of modern CT systems. Failure to comply with the guidelines will decrease your Medicare reimbursements by 5% in 2016 and 15% in 2017 and beyond.

For a limited time, Siemens is offering one of the most cost-effective methods to upgrade your SOMATOM® Emotion or SOMATOM Sensation CT scanner to meet the XR-29 standard.

Now through June 30, 2016, a system upgrade is available for more than 60% off the standard price!

It includes the latest Image Reconstruction System, Acquisition Workplace, dose management and workflow software, and more features to help you minimize radiation exposure and maximize image quality.

**Act now!**

**This promotional offer ends soon.**

## Tower12\_VB42 Upgrade for SOMATOM Emotion and Sensation 40, 64, and Open Systems includes:

- **New ICS—*syngo*® Acquisition Workplace:** ICS is the main console for interchangeable scanning and imaging functions.
- **New IES—*syngo* CT Workplace:** The IES is used as a second console for post-processing applications (if there is an existing IES onsite).
- **New IRS-S5:** Provides improved image reconstruction performance.
- **New Software Kit VB42B** for ICS, IRS and IES.

### *syngo* CT Examination Enhancements

- **Dose monitoring:** *syngo* CT VB42B provides new features for finding the right balance between image quality and radiation dose for each patient.
  - DICOM Structured Dose Reports (DSDR) provide detailed information about the applied radiation and can be automatically created after every exam for transparency and to document dose values.
  - Dose Notification and Dose Alert help to protect patients from overexposure to radiation, warning the operator if dose thresholds are exceeded.
- **Protocol Password Protection:** Protects the scan protocols with a password.
- **Scan Protocol Assistant:** Enhancements include the ability to export and import scan protocols.
- **E-Logbook:** Enhancements include additional fields for PET-relevant information and new time filters and default time periods.
- **WorkStream4D:** Enhancements include support for non-square matrices to reconstruct long and extended body parts like the whole spine at high resolution.
- ***syngo* HeartView CT:** Enhancements include changes to cardiac scan protocols.
- **Intervention:** Enhancements include support of the HandCARE feature in biopsy scan protocols and display of the gantry laser crosshairs in acquired images.

- **Radiation Therapy:** Enhancements include new scan protocols for Respiratory Gating CT and Respiratory Triggering CT.
- **Modality Performed Procedure Step:** Sends information, such as number of films used during an examination, to a RIS and/or PACS.

### *syngo* CT Evaluation (IES) Enhancements

- ***syngo* Patient Browser:** Enhancements to the Auto Delete function.
- ***syngo* Expert-i:** Enhancements include a direct login feature to connect to a *syngo* CT Workplace and a *syngo* CT Acquisition Workplace via a single-use password.
- ***syngo* InSpace Basic:** Enhancements include the ability to display a MPR image within a 3D volume and to crop and rotate the volume, as well as tools for evaluating ROIs and improved windowing.
- ***syngo* InSpace Dual Volume Imaging:** Enhancements include new functions for merging two series.
- ***syngo* InSpace Advanced Vessel Analysis (part of *syngo* InSpace):** Enhancements include a complete redesign to match the workflow required to analyze vessels, detect occlusions, and measure various vessel characteristics.
- ***syngo* Colonography CT:** Enhancements include the ability to navigate to unseen areas, as well as improve reports and navigation through markers.
- ***syngo* Circulation:** Enhancements include a the new blood-pool removal feature and a better Left Ventricle Analysis workflow.
- ***syngo* Filming:** Enhancements include a filming layout editor and the ability to include a patient information segment.

For more information on this upgrade promotion and to check if your CT scanner is XR-29 compliant, contact your Siemens representative and visit [www.usa.siemens.com/xr29](http://www.usa.siemens.com/xr29).

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