

Siemens Healthcare GmBH % Prithul Bom Most Responsible Person Regulatory Technology Services, LLC 1000 Westgate Drive, Suite 510k SAINT PAUL MN 55114

Re: K230196 February 13, 2023

Trade/Device Name: syngo.via View&GO VA40A

Regulation Number: 21 CFR 892.2050

Regulation Name: Medical image management and processing system

Regulatory Class: Class II

Product Code: LLZ Dated: January 24, 2023 Received: January 25, 2023

#### Dear Prithul Bom:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database located at <a href="https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm">https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm</a> identifies combination product submissions. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the <u>Federal Register</u>.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part

K230196 - Prithul Bom Page 2

801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see <a href="https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products">https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products</a>); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <a href="https://www.fda.gov/medical-devices/medical-device-safety/medical-device-reporting-mdr-how-report-medical-device-problems">https://www.fda.gov/medical-device-problems</a>.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (<a href="https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance">https://www.fda.gov/training-and-continuing-education/cdrh-learn</a>) and CDRH Learn (<a href="https://www.fda.gov/training-and-continuing-education/cdrh-learn">https://www.fda.gov/training-and-continuing-education/cdrh-learn</a>). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (<a href="https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice">https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice">https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice</a>) for more information or contact DICE by email (<a href="DICE@fda.hhs.gov">DICE@fda.hhs.gov</a>) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,

Jessica Lamb, Ph.D.

Assistant Director

**Imaging Software Team** 

DHT8B: Division of Radiological Imaging Devices

and Electronic Products

OHT8: Office of Radiological Health Office of Product Evaluation and Quality Center for Devices and Radiological Health

Enclosure

# DEPARTMENT OF HEALTH AND HUMAN SERVICES Food and Drug Administration

## **Indications for Use**

510(k) Number (if known)

Form Approved: OMB No. 0910-0120 Expiration Date: 06/30/2023

See PRA Statement below.

K230196
Device Name syngo.via View&GO VA40A
Indications for Use (Describe) Indications for Use
syngo.via View&GO is indicated for image rendering and post-processing of DICOM images to support the interpretation in the field of radiology, nuclear medicine and cardiology.
Contraindications
The system is not indicated for mammography images for diagnosis in the U.S.
The application is not to be used as an archiving device for patients' image data.
The application is not to be used as a sole basis for clinical decisions but further
evidence has to be taken into account.
Type of Use (Select one or both, as applicable)
Prescription Use (Part 21 CFR 801 Subpart D)
CONTINUE ON A SEPARATE PAGE IF NEEDED.

This section applies only to requirements of the Paperwork Reduction Act of 1995.

#### \*DO NOT SEND YOUR COMPLETED FORM TO THE PRA STAFF EMAIL ADDRESS BELOW.\*

The burden time for this collection of information is estimated to average 79 hours per response, including the time to review instructions, search existing data sources, gather and maintain the data needed and complete and review the collection of information. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden, to:

Department of Health and Human Services Food and Drug Administration Office of Chief Information Officer Paperwork Reduction Act (PRA) Staff PRAStaff@fda.hhs.gov

"An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB number."

Section E: 510(k) Summary

## K230196

## 510(k) Summary

This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR §807.92.

Date prepared: January 10, 2023

#### 1. Submitter:

Siemens Healthcare GmbH

Henkestrasse 127 91052 Erlangen

Germany

## **Establishment Registration Number:**

3004977335

#### 2. Contact Person:

Ms. Frederike Jakob

Regulatory Affairs Manager Siemens Healthcare GmbH,

Siemensstr. 1 91301 Forchheim

Germany

E-mail: Frederike.Jakob@siemens-healthineers.com

Telephone: +49 (0)162 109 2694

Fax: +49 (9191) 18-4404

#### 3. Device Name and Classification:

**Trade Name:** syngo.via View&GO (Version VA40A)

Classification Name: Medical Image Management and Processing System (PACS)

**Classification Panel:** Radiology

**CFR Section:** 21 CFR §892.2050

**Device Class:** Class II **Product Code:** LLZ

#### 4. Legally Marketed Predicate Device:

**Trade Name:** syngo.via View&GO (Version VA30A)

**510(k) Clearance**: K221501

Clearance Date: October 14, 2022

**Classification Name:** Medical Image Management and Processing System (PACS)

**Classification Panel:** Radiology

**CFR Section:** 21 CFR §892.2050

**Device Class:** Class II **Product Code:** LLZ

**Recall Information:** This predicate device has not been the subject of any

design related recalls.

#### 5. Additional Legally Marketed Reference Device

**Trade Name:** Syngo Carbon Space VA20A

510(k) Clearance: K213665 Clearance Date: June 21, 2022

Classification Name: Medical Image Management and Processing System

**Classification Panel:** Radiology

**CFR Section:** 21 CFR §892.2050

**Device Class:** Class II **Product Code:** LLZ

**Recall Information:** This device has not been the subject of any

design related recalls.

## **Device Description:**

Siemens Healthcare GmbH intends to market the Medical Image Management and Processing System, *syngo*.via View&GO, software version VA40A. This 510(k) submission describes several modifications to the previously cleared predicate device, *syngo*.via View&GO, software version VA30A.

syngo.via View&GO is a software-only medical device, which is delivered by download to be installed on common IT hardware. This hardware has to fulfil the defined requirements. Any hardware platform that complies to the specified minimum hardware and software requirements and with successful installation verification and validation activities can be supported. The hardware itself is not seen as part of the medical device syngo.via View&GO and therefore not in the scope of this 510(k) submission.

syngo.via View&GO provides tools and features to cover the radiological tasks preparation for reading, reading images and support reporting. syngo.via View&GO supports DICOM formatted images and objects.

syngo.via View&GO is a standalone viewing and reading workplace. This is capable of rendering the data from the connected modalities for the post processing activities. syngo.via View&GO provides the user interface for interactive image viewing and processing with a limited short-term storage which can be interfaced with any Long-term storage (e.g. PACS) via DICOM syngo.via View&GO is based on Microsoft Windows operating systems.

syngo.via View&GO supports various monitor setups and can be adapted to a range of image types by connecting different monitor types.

The subject device and the predicate device share the same fundamental scientific technology. This device description holds true for the subject device, *syngo*.via View&GO, software version VA40A, as well as the predicate device, *syngo*.via View&GO, software version VA30A.

## 6. Intended Purpose:

#### 6.1 Intended Use

*syngo*.via View&GO is a software solution intended to be used for viewing, manipulation, communication, and storage of medical images. It can be used as a stand-alone device or together with a variety of cleared and unmodified *syngo* based software options.

syngo.via View&GO supports interpretation and evaluation of examinations within healthcare institutions, for example, in Radiology, Nuclear Medicine and Cardiology environments.

The system is not intended for the displaying of digital mammography images for diagnosis in the U.S.

#### 6.2 Indications for Use

syngo.via View&GO is indicated for image rendering and post-processing of DICOM images to support the interpretation in the field of radiology, nuclear medicine and cardiology.

#### 6.3 Contraindications

The system is not indicated for mammography images for diagnosis in the U.S. The application is not to be used as an archiving device for patients' image data. The application is not to be used as a sole basis for clinical decisions but further evidence has to be taken into account.

#### **6.4 Patient Target Population**

syngo.via View&GO has neither limitations concerning the patient population (e.g. age, weight, health, condition) nor limitations concerning region of body or tissue type.

## 7. Summary of Differences between the Subject Device and the Predicate Device:

The following table compares the functionality of *syngo*.via View&GO VA40A to the predicate device *syngo*.via View&GO VA30A:

	Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
Device name and version (K number)	syngo.via View&GO (Version VA40A)	syngo.via View&GO Version VA30A (K221501)	New product version	NA
Manufacturer	Siemens Healthcare GmbH	Siemens Healthcare GmbH	Identical	NA
Intended use	syngo.via View&GO is a software solution intended to be used for viewing, manipulation, communication, and storage of medical images.	syngo.via View&GO is a software solution intended to be used for viewing, manipulation, communication, and storage of medical images.	Identical	NA
	It can be used as a stand- alone device or together with a variety of cleared and unmodified <i>syngo</i> based software options.	It can be used as a standalone device or together with a variety of cleared and unmodified <i>syngo</i> based software options.		
	syngo.via View&GO supports interpretation and evaluation of examinations within healthcare institutions, for example, in Radiology, Nuclear Medicine and Cardiology environments.	syngo.via View&GO supports interpretation and evaluation of examinations within healthcare institutions, for example, in Radiology, Nuclear Medicine and Cardiology environments.		
	The system is not intended for the displaying of digital mammography images for diagnosis in the U.S.	The system is not intended for the displaying of digital mammography images for diagnosis in the U.S.		
Software architecture	Standalone workplace system that is logically broken down to <i>syngo</i> .via View&GO subsystems. Subsystems are further broken down to <i>syngo</i> modules.	Standalone workplace system that is logically broken down to <i>syngo</i> .via View&GO subsystems. Subsystems are further broken down to <i>syngo</i> modules.	Identical	NA
Image communication	Standard network protocols like TCP/IP and standard communication protocol DICOM.	Standard network protocols like TCP/IP and standard communication protocol DICOM.	Identical	NA
Imaging algorithms	- Multiplanar reconstruction (MPR)	- Multiplanar reconstruction (MPR)	Similar: Algorithms	The changes between the

	Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
	- Maximum and Minimum Intensity Projection (MIP/MinIP) - Volume Rendering Technique (VRT) with additional edge and surface enhancements and control over rendering parameters - Shaded Surface Display (SSD) - Digitally Reconstructed Radiograph - Editor functionality (e.g. ClipBox) - Auto-Contour - Registration - Anatomical registration - Region growing - Automatic Spine Labeling, also for ribs in CT thorax scans ("Rib labeling") - Reprocessing X-ray projection images into 3D image and Topograms - FASTAlign - Cinematic VRT <sup>1</sup>	- Maximum and Minimum Intensity Projection (MIP/MinIP) - Volume Rendering Technique (VRT) with additional edge and surface enhancements and control over rendering parameters - Shaded Surface Display (SSD) - Digitally Reconstructed Radiograph - Editor functionality (e.g. ClipBox) - Auto-Contour - Registration - Anatomical registration - Region growing - Automatic Spine Labeling, also for ribs in CT thorax scans ("Rib labeling") - Reprocessing X-ray projection images into 3D image and Topograms - FASTAlign	underwent bug-fixing and minor improvements. No re-training or change in algorithm models was performed.  The cinematic VRT algorithm was added, that was previously cleared with K213665.	predicate device and the subject device doesn't impact the safety and effectiveness of the subject device as the necessary measures were taken for the safety and effectiveness of the subject device
Quantitative algorithms	Distance, angle & angle- on-stack, VOI and ROI measurements	Distance, angle & angle- on-stack, VOI and ROI measurements	Identical	NA
Supported Image Generating Modalities	The following Image types are supported by syngo.via View&GO:  - CT Image (Computed Tomography)  - MR Image (Magnetic Resonance)  - NM Image (Nuclear Medicine)  - XA Image (X-Ray Angiography)  - US Image (Ultrasound)  - DX Image (Digital Radiography)	The following Image types are supported by syngo.via View&GO:  - CT Image (Computed Tomography)  - MR Image (Magnetic Resonance)  - NM Image (Nuclear Medicine)  - XA Image (X-Ray Angiography)  - US Image (Ultrasound)  - DX Image (Digital Radiography)	Identical	NA

\_

 $<sup>^{1}</sup>$  cinematic VRT as a functionality was already covered by a 510(k) clearance with the device syngo. Carbon Space, K213665

	Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
	- DICOM secondary capture objects	- DICOM secondary capture objects		
Image data	Receive & Store:	Receive & Store:	Identical	NA
Compression	Images are received and stored as received without any change in the compression format.	Images are received and stored as received without any change in the compression format.		
	Display:	Display:		
	Images are displayed as received without any change in the compression.	Images are displayed as received without any change in the compression.		
	Lossy compression images are displayed with an indication to the user with the compression ratio.	Lossy compression images are displayed with an indication to the user with the compression ratio.		
	Export:	Export:		
	To DICOM Node: Images are sent as per the DICOM negotiation. Uncompressed is preferred and lossy compression is not supported.	To DICOM Node: Images are sent as per the DICOM negotiation. Uncompressed is preferred and lossy compression is not supported.		
	To Exchangeable media: Images exported as stored in the local storage.	To Exchangeable media: Images exported as stored in the local storage.		
	Supported Compressions for export: lossless compression algorithms, JPEG, JPEG 2000 and RLE.	Supported Compressions for export: lossless compression algorithms, JPEG, JPEG 2000 and RLE.		
Operating system	Workplace: Microsoft Windows 11- 64 bit or higher Microsoft Windows 10 – 64 bit or higher	Workplace: Microsoft Windows 10 – 64 bit or higher Microsoft Windows 7 – 64 bit SP1 (for update only)	Windows 11 support included. Windows 7 support was removed	The changes between the predicate device and the subject device don't impact the safety and effectiveness of the subject device as the necessary measures were taken for the safety and effectiveness of the subject device device

	Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
Impact on Image Generating Devices	None.  syngo.via View&GO is a pure post processing software and there is no influence on the image generating devices	None.  syngo.via View&GO is a pure post processing software and there is no influence on the image generating devices	NA as both the devices do not impact the Image generating devices.	NA
CAD Functionalities	None.  No automated diagnostic interpretation capabilities like CAD are included. All image data are to be interpreted by trained personnel.	None.  No automated diagnostic interpretation capabilities like CAD are included. All image data are to be interpreted by trained personnel.	NA as both the devices don't support any CAD functionalities.	NA
Software self-test / checks	Alert the user in case the data transfer is interrupted to the connected DICOM node.	Alert the user in case the data transfer is interrupted to the connected DICOM node.	Identical	NA
	Hardware / Operating system compatibility check during Installation.  Display Compatibility Check supports the end user to qualify the system for proper diagnostic use.	Hardware / Operating system compatibility check during Installation.  Display Compatibility Check supports the end user to qualify the system for proper diagnostic use.		
Cyber Security	<ul> <li>User access control</li> <li>Audit trails</li> <li>Documentation of system security information, Network traffic &amp; Firewall control</li> <li>Support of virus / malware protection.</li> </ul>	<ul> <li>User access control</li> <li>Audit trails</li> <li>Documentation of system security information, Network traffic &amp; Firewall control</li> <li>Support of virus / malware protection.</li> </ul>	Identical	NA
Hardware	Hardware is not understood as part of the medical device but needs to comply with the minimum requirements as specified by <i>syngo</i> .via View&GO.	Hardware is not understood as part of the medical device but needs to comply with the minimum requirements as specified by <i>syngo.via</i> View&GO.	Identical	NA
Software functionalities				

	Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
Graphical User Interface	Yes, with reduced color palette, clearer structure and text labels on icons.	Yes, with reduced color palette, clearer structure and text labels on icons	Identical	NA
Patient Browser	Yes, with simplified search functionality, clearer structure of search results, image preview, unlimited search results, periodic updates of search results.	Yes, with simplified search functionality, clearer structure of search results, image preview, unlimited search results, periodic updates of search results.	Identical	NA
Series navigator	The Series Navigator lists all currently loaded data within a workflow. Studies are marked with colorized timepoints.	Yes, the Series Navigator lists all currently loaded data within a workflow. Studies are marked as "prior" and "current" according to their acquisition date.	To improve the visualization of studies according to their different timepoints of acquisition, the timepoints are shown in dates of different colors and the study date is featured more prominently with larger and bold font in the subject device.	The changes between the predicate device and the subject device don't impact the safety and effectiveness of the subject device as the necessary measures were taken for the safety and effectiveness of the subject device. The functionality was previously cleared with additional reference device K213665.
Findings / Reporting	No, reporting support is provided to create reports using any 3 <sup>rd</sup> party reporting tool. Hence the findings also cannot be navigated.	No, reporting support is provided to create reports using any 3 <sup>rd</sup> party reporting tool. Hence the findings also cannot be navigated.	Identical	NA
Import and export of data	Import of DICOM data from network nodes or external media, and of DICOM-compliant or non DICOM-compliant data from external media and Windows file system.  Export to USB, Windows file system, or other DICOM nodes.	Import of DICOM data from network nodes or external media, and of DICOM-compliant or non DICOM-compliant data from external media and Windows file system.  Export to USB, Windows file system, or other DICOM nodes.	Identical	NA
Archiving data	Data can be sent to an archive if <i>syngo</i> .via	Data can be sent to an archive if syngo.via	Identical	NA

	Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
	View&GO is connected to a PACS or corresponding DICOM node.	View&GO is connected to a PACS or corresponding DICOM node.		
Ranges	Yes, parallel, radial, Radial sliced, Curved and Spine ranges are supported. Additionally, Anatomical Range presets can be created.	Yes, parallel, radial, Radial sliced, Curved and Spine ranges are supported. Additionally, Anatomical Range presets can be created.	identical	NA
Spine/Rib labeling	Yes, with suggested spine labels to be confirmed by the user, and additional smart placement of labels, also in inter-vertebra regions, support of 2D images, support of multi-series studies, and added support for rib labels.	Yes, with suggested spine labels to be confirmed by the user, and additional smart placement of labels, also in inter-vertebra regions, support of 2D images, support of multi-series studies, and added support for rib labels.	Identical.	NA
Communication	Yes, Interface with DICOM is supported.	Yes, Interface with DICOM is supported.	Identical	NA
Printing	Yes, both paper and DICOM printing supported.	Yes, both paper and DICOM printing supported.	Identical	N/A
Online help system	Yes, with reduced color palette, clearer structure and text labels on icons.	Yes, with reduced color palette, clearer structure and text labels on icons.	Identical	NA
Markers and annotations	Yes,  - with support for marking a position on an image and textual annotations.	Yes,  - with support for marking a position on an image and textual annotations.	Similar: AutoContour and Polygonal ROI are accessed by the user in a different manner in the subject device. No functional changes/impro vements were implemented with respect to the predicate device.	The changes between the predicate device and the subject device don't impact the safety and effectiveness of the subject device as the necessary measures were taken for the safety and effectiveness of the subject device.
Hiding and Showing of Image Overlays	<ul><li>show or hide image text</li><li>show or hide custom image text</li></ul>	<ul><li>show or hide image text</li><li>show or hide custom image text</li></ul>	Shutter-Tool was added to	The changes between the predicate device

Subject device	Predicate device	Comparison	Impact to Safety & Effectiveness
<ul> <li>show or hide graphical objects such as annotations and markers</li> <li>show or hide reference lines</li> <li>show or hide shutters</li> </ul>	<ul> <li>show or hide graphical objects such as annotations and markers</li> <li>show or hide reference lines</li> </ul>	the subject device.	and the subject device don't impact the safety and effectiveness of the subject device as the necessary measures were taken for the safety and effectiveness of the subject device. The functionality was previously cleared with additional reference device K213665.

Figure 1: Predicate Device Comparison Table

## 8. Non-clinical Performance Testing:

Non-clinical tests were conducted for the device *syngo*.via View&GO during product development. The modifications described in this Premarket Notification were supported with verification and validation testing.

Siemens Healthcare GmbH claims conformance to the following standards:

- NEMA PS 3.1 3.20 (2016a) Digital Imaging and Communications in Medicine (DICOM) Set
- ISO/IEC 10918-1 First edition 1994-02-15 + Technical Corrigendum 1 (2005) (JPEG)
- ISO/IEC 15444-1:2016 (JPEG2000)
- ISO 14971:2019 Third Edition 2019-12
- EC 62304 Edition 1.1 2015-06 CONSOLIDATED VERSION
- IEC 82304-1 Edition 1.0 2016-10
- IEC 62366-1 Edition 1.1 2020-06 Consolidated Version
- IEEE Std 3333.2.1-2015

## 9. Software Verification and Validation:

Software documentation for a Moderate Level of Concern software per FDA's Guidance Document "Guidance for the Content of Premarket Submissions for Software Contained in Medical Devices" issued on May 11, 2005 is also included as part of this submission. The performance data demonstrates continued conformance with special controls for medical devices containing software. Non-clinical tests were conducted on the device *syngo*.via View&GO during product development.

The Risk Analysis was completed, and risk control implemented to mitigate identified hazards. The testing results support that all the software specifications have met the acceptance criteria. Testing for verification and validation for the device was found acceptable to support the claims of substantial equivalence.

Siemens Healthcare GmbH conforms to the Cybersecurity requirements by implementing a process of preventing unauthorized access, modifications, misuse or denial of use, or the unauthorized use of information that is stored, accessed, or transferred from a medical device to an external recipient. Contained in Section B of this submission are our cybersecurity considerations as they relate to the device *syngo*.via View&GO.

## 10. Summary:

Performance tests were conducted to test the functionality of the device *syngo*.via View&GO. These tests have been performed to assess the functionality of the subject device. Results of all conducted testing were found acceptable in supporting the claim of substantial equivalence.

#### 9. Safety and Effectiveness Information:

Software specifications, design descriptions, hazard analysis, and labeling information are submitted in support of this premarket notification. The device labeling contains instructions for use with cautions to provide for safe and effective use of the device.

The results of the hazard analysis combined with the appropriate preventive measures taken indicate the device is of moderate level of concern, as per the Guidance for the Content of Premarket Submissions for Software Contained in Medical Devices (May 11, 2005).

## 10. Conclusion as to Substantial Equivalence:

The predicate device was cleared based on non-clinical supportive information. The comparison of technological characteristics, device hazards, non-clinical performance data, and software validation data demonstrates that the subject device performs comparably to and is as safe and effective as the predicate device that is currently marketed for the same intended use.

In summary, we are of the opinion that the subject device *syngo*.via View&GO, software version VA40A, does not introduce any new significant potential safety risks and is substantially equivalent to and performs as well as the predicate device.

© Siemens Healthcare GmbH, 2022	