

A Large Range of CT Models

Revision History

Date / Version	Author	Comments
	Steve Moore	
7/6/2012	Steve Moore	Added <ul style="list-style-type: none">SOMATOM Definition / SOMATOM Definition / Definition Flash

Introduction

Observations on Siemens Private Elements

- The CT scanners use private elements in these groups with these private creator values:
 - 0019 SIEMENS CT VA0 COAD
 - 0021 SIEMENS MED
 - 0029 SIEMENS CSA HEADER
 - 0029 SIEMENS CSA NON-IMAGE
 - 0029 SIEMENS MEDCOM HEADER
 - 0029 SIEMENS MEDCOM HEADER2
 - 0029 SIEMENS MEDCOM OOG
 - 0029 SIEMENS CSA REPORT
 - 0029 SIEMENS CSA ENVELOPE
 - 7FE1 SIEMENS CSA NON-IMAGE

Scanner/Software Versions

<i>syngo</i> SOMATOM Emotion 16	
<i>syngo</i> CT 2009E (VB40B)	 Download [2.15 MB]
<i>syngo</i> CT 2007E (VB38B)	 Download [5.42 MB]
<i>syngo</i> CT 2007E (VB38B Evolve)	 Download [5.42 MB]
<i>syngo</i> 2006G0 (VB28A)	 Download [10.47 MB]
<i>syngo</i> 2006G (VB28B) Supplement	 Download [59 KB]
<i>syngo</i> SOMATOM Huan Yue	
VB10_FP3	 Download [3.27 MB]
VB10	 Download [3.31 MB]
VA47	 Download [1.68 MB]
VA45C	 Download [1.60 MB]

Link Name / Siemens website	Model	Software Version	Meta SW Version	Document	File Name
syngo SOMATOM Emotion 16 / syngo 2006G0 (VB28A)	Emotion 16	2006G	VB28A	C2-023.610.10.01.02	
Syngo SOMATOM Sensation / syngo 2006G0 (VB28A)	Sensation 16	2006G	VB28A	C2-023.610.10.01.02	
Syngo SOMATOM Sensation 16 / VA70C	Sensation 16	VA70C	VA70C	C2-023.623.11.01.02	
Syngo SOMATOM Sensation 16 / VB10B	Sensation 16	VB10B	VB10A_VB10B	C2-023.623.20.01.02	
Syngo SOMATOM Sensation	Sensation 40	CT 2007S	CT 2007S	C2-023.610.11.01.02	C2-023_610_11_01_02_DICOM_VB30A

40 / CT 2007S					
Syngo SOMATO M Sensation 64 / syngo CT 2006A0	Sensation 64	CT 2006A	CT 2006A	C2- 023.610.09.01. 02	DCS_CT_SomatomVB20A
Syngo SOMATO M Sensation 64 / syngo CT 2007S	Sensation 64	CT 2007S	CT 2007S	C2- 023.610.11.01. 02	C2- 023_610_11_01_02_DICOM_VB30A
Syngo SOMATO M Plus4 Power/Exp ert	Plus 4	VB40C	VC10A	C2- 018.610.07.04. 02	Somatom_Plus4_VC10
Syngo SOMATO M Volume Zoom	Volume Zoom	VA47C	VA47	C2- 019.610.25.01. 02	DICOM_VA47C
SOMATO M Definition / SOMATO M Definition / Definition Flash	SOMATO M Definition	Syngo CT 2010A	CT 2010A	NA	

In the table of private elements in the following sections:

- *: Element is listed in the document
- X1: Element is listed with a note: No longer supported

SIEMENS CT VAO COAD

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00190010	LO	1		*						
Osteo offset	0x00191090	DS	1		*						
Osteo Regression Line Slope	0x00191092	DS	1		*						
Osteo Regression Line Intercept	0x00191093	DS	1		*						
Osteo Phantom Number	0x00191096	IS	1		*						
Feed per Rotation	0x001910B0	DS	1		*						
Pulmo Trigger Level	0x001910BD	IS	1		*						
Expiratoric Reserve Volume	0x001910BE	DS	1		*						
Vital Capacity	0x001910BF	DS	1		*						
Pulmo Water	0x001910C0	DS	1		*						
Pulmo Air	0x001910C1	DS	1		*						
Pulmo Date	0x001910C2	DA	1		*						
Pulmo Time	0x001910C3	TM	1		*						

SIEMENS MED

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00210010	LO	1		*						
Target	0x00211011	DS	2		*						

SIEMENS CSA HEADER

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290010	LO	1	*	*	*	*	*		*	*
CSA Image Header Type	0x00291008	CS	1	*	*	*	*	*		*	*
CSA Image Header Version	0x00291009	LO	1	*	*	*	*	*		*	*
CSA Image Header Info	0x00291010	OB	1	*	*	*	*	*		*	*
CSA Series Header Type	0x00291018	CS	1	*	*	*	*	*		*	*
CSA Series Header Version	0x00291019	LO	1	*	*	*	*	*		*	*
CSA Series Header Info	0x00291020	OB	1	*	*	*	*	*		*	*

SIEMENS CSA NON-IMAGE

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A v
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290011	LO	1	*	*	*	*	*		*	*
CSA Data Type	0x00291108	CS	1	*	*	*	*	*		*	*
CSA Data Version	0x00291109	LO	1	*	*	*	*	*		*	*
CSA Data Info	0x00291110	OB	1	*	*	*	*	*		*	*

SIEMENS MEDCOM HEADER

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290012	LO	1	*	*	*	*	*		*	*
MedCom Header Type	0x00291208	CS	1	*	*	*	*	*		*	*
MedCom Header Version	0x00291209	LO	1	*	*	*	*	*		*	*
MedCom Header Info	0x00291210	OB	1	*	*	*	*	*		*	*
MedCom History Information	0x00291220	OB	1	*	*	*	*	*		*	*
PMTF Information 1	0x00291231	LO	1	*	*	*	*	*		*	*
PMTF Information 2	0x00291232	UL	1	*	*	*	*	*		*	*
PMTF Information 3	0x00291233	UL	1	*	*	*	*	*		*	*
PMTF Information 4	0x00291234	CS	1	*	*	*	*	*		*	*
PMTF Information 5	0x00291235	UL	1	*	*	*	*	*		*	*
Application Header Sequence	0x00291240	SQ	1	*	*	*	*	*		*	*
Application Header Type	0x00291241	CS	1	*	*	*	*	*		*	*
Application Header ID	0x00291242	LO	1	*	*	*	*	*		*	*
Application Header Version	0x00291243	LO	1	*	*	*	*	*		*	*
Application Header Info	0x00291244	OB	1	*	*	*	*	*		*	*
Workflow Control Flags	0x00291250	LO	8	*	*	*	*	*		*	*
Archive Management Flag Keep Online	0x00291251	CS	1	*	*	*	*	*		*	*
Archive Management Flag Do Not Archive	0x00291252	CS	1	*	*	*	*	*		*	*
Image Location Status	0x00291253	CS	1	*	*	*	*	*		*	*
Estimated Retrieve Time	0x00291254	DS	1	*	*	*	*	*		*	*
Data Size of Retrieved Images	0x00291255	DS	1	*	*	*	*	*		*	*
Siemens Link Sequence	0x00291270	SQ	1				*				*
Referenced Tag	0x00291271	AT	1				*				*
Referenced Tag Type	0x00291272	CS	1				*				*
Referenced Value Length	0x00291273	UL	1				*				*
Referenced Object Device Type	0x00291274	CS	1				*				*
Referenced Object Device Location	0x00291275	OB	1				*				*

Referenced Object ID	0x00291276	OB	1				*				*
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SIEMENS MEDCOM HEADER2

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290016	LO	1				*				*
Series Work Flow Status	0x00291660	LO	1				*				*

SIEMENS MEDCOM OOG

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290013	LO	1	*	*	*	*	*		*	*
MEDCOM OOG Type	0x00291308	CS	1	*	*	*	*	*		*	*
MEDCOM OOG Version	0x00291309	LO	1	*	*	*	*	*		*	*
MEDCOM OOG Info	0x00291310	OB	1	*	*	*	*	*		*	*

SIEMENS CSA REPORT

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A

Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290014	LO	1				*				*
Syngo Report Type	0x00291408	CS	1				*				*
Syngo Report	0x00291409	LO	1				*				*
SR Variant	0x00291415	US	1				*				*
SC SOP Instance UID	0x00291417	UI	1				*				*

SIEMENS CSA ENVELOPE

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x00290015	LO	1				*				*
Syngo Report Data	0x00291510	OB	1				*				*
Syngo Report Presentation	0x00291511	OB	1				*				*

SIEMENS CSA NON-IMAGE

				VB28A	VA70C	VB10A_VB10B	CT 2007S	CT 2006A	VC10A	VA47	CT 2010A
Description	Tag	VR	VM								
Siemens Private Creator ID	0x7fe10010	LO	1	*	*	*	*			*	
CSA Data	0x7fe11010	OB	1	*	*	*	*			*	