

**GE HEALTHCARE  
STATEMENT**

**VIVID AND ECHOPAC V206  
CONFORMANCE**

**DIRECTION DOC2652554 REV 3**

		= (SRT, G-A19C, "Apical four chamber")
AFILA/2DLA_Vmax(A4C) Alias : 2DLA_Vmax(A4C)	(GEU-106-0167, 99GEMS, "Left Atrium maximal volume by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFILA/2DLA_Vmin(A4C) Alias : 2DLA_Vmin(A4C)	(GEU-106-0168, 99GEMS, "Left Atrium minimal volume by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFILA/2DLA_VpreA(A4C) Alias : 2DLA_VpreA(A4C)	(GEU-106-0169, 99GEMS, "Left Atrium volume at preA time by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFILA/2DLA_EF(BiP) Alias : 2DLA_EF(BiP)	(GEU-106-0170, 99GEMS, "Left Atrium Emptying Fraction from biplane measurements")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI")

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	by speckle tracking")	
AFILA/2DLA_EV(BiP) Alias : 2DLA_EV(BiP)	(GEU-106-0171, 99GEMS, "Left Atrium Emptying Volume from biplane measurements by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI")
AFILA/2DLA_Vmax(BiP) Alias : 2DLA_Vmax(BiP)	(GEU-106-0172, 99GEMS, "Left Atrium maximal volume from biplane measurements by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI")
AFILA/2DLA_Vmin(BiP) Alias : 2DLA_Vmin(BiP)	(GEU-106-0173, 99GEMS, "Left Atrium minimal volume from biplane measurements by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI")
AFILA/2DLA_VpreA(BiP) Alias : 2DLA_VpreA(BiP)	(GEU-106-0174, 99GEMS, "Left Atrium volume at preA time from biplane measurements by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI")

**Section Right Atrium**

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<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>2D/RA</b>  <b>Alias: RA Diam</b>	<b>(M-02550, SRT, “Diameter”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>2D/RA Area</b> <b>Alias: RA Area</b>	<b>(G-A166, SRT, “Area”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”)</b>
<b>2D/RAA diastole</b> <b>Alias: RAA d</b>	<b>(GEU-106-0059, 99GEMS, “Right Atrium Area at Diastole”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) (R-4089A, SRT, “Cardiac Cycle Point”) = (F-32010, SRT, “Diastole”)</b>
<b>2D/RAA systole</b> <b>Alias: RAA s</b>	<b>(GEU-106-0060, 99GEMS, “Right Atrium Area at Systole”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) (R-4089A, SRT, “Cardiac Cycle Point”) = (F-32020, SRT, “Systole”)</b>
<b>2D/RAD Major</b>  <b>Alias: RA Major</b>	<b>(G-A193, SRT, “Major Axis”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>2D/RAD Minor</b>  <b>Alias: RA Minor</b>	<b>(G-A194, SRT, “Minor Axis”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>RAAs(A4C)</b>  <b>Alias: RAAs</b>	<b>(17988-7, LN, “Right Atrium Systolic Area”)</b>	
<b>RALd(A4C)</b> <b>Alias: RALd A4C</b>	<b>(29466-0, LN, Right Atrium Superior- Inferior Dimension, 4- chamber view”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (F-32011, SRT, “End Diastole”) (111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b>
<b>RAAd(A4C)</b> <b>Alias: RAAd A4C</b>	<b>(17988-7, LN, “Right Atrium Area on Apical four chamber view”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (F-32011, SRT, “End Diastole”) (111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b>

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<b>RAEDV(A-L A4C)</b> <b>Alias: RAEDV AL A4C</b>	<b>(GEU-106-0104, 99GEMS, “Right Atrium Volume”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (F-32011, SRT, “End Diastole”)</b> <b>(111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b> <b>(G-C036, SRT, “Measurement Method”) = (125205, DCM, “Area-Length Single Plane”)</b>
<b>RAEDV(MOD A4C)</b> <b>Alias: RAEDV MOD A4C</b>	<b>(GEU-106-0104, 99GEMS, “Right Atrium Volume”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (F-32011, SRT, “End Diastole”)</b> <b>(111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b> <b>(G-C036, SRT, “Measurement Method”) = (125208, DCM, “Method of Disks, Single Plane”)</b>
<b>RAESV(A-L A4C)</b> <b>Alias: RAESV (A-L A4C)</b>	<b>(GEU-106-106, 99GEMS, “Right Atrium End Systolic Volume”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (109070, DCM, “End Systole”)</b> <b>(111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b> <b>(G-C036, SRT, “Measurement Method”) = (125205, DCM, “Area-Length Single Plane”)</b>
<b>RAESV(MOD A4C)</b> <b>Alias: RAESV(MOD A4C)</b>	<b>(GEU-106-106, 99GEMS, “Right Atrium End Systolic Volume”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (109070, DCM, “End Systole”)</b> <b>(111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b> <b>(G-C036, SRT, “Measurement Method”) = (125208, DCM, “Method of Disks, Single Plane”)</b>
<b>RALs(A4C)</b> <b>Alias: RALs(A4C)</b>	<b>(29466-0, LN, “Right Atrium Superior-Inferior Dimension, 4-chamber view”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (109070, DCM, “End Systole”)</b> <b>(111031, DCM, “Image View”) = (G-A19C, SRT, “Apical four chamber”)</b>

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<b>RAP</b>  <b>Alias: RAP</b>	<b>(18070-3, LN, “Right Atrium Systolic Pressure”)</b>	
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**Section Aortic Valve**

<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>2D/AVA/AV Diam</b>  <b>Alias: AV Diam</b>	<b>(G-038F, SRT, “Cardiovascular Orifice Diameter”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>AV Dec Time</b>  <b>Alias: AV Dec Time</b>	<b>(20217-6, LN, “Deceleration Time”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>AV Dec Slope</b>  <b>Alias: AV Dec Slope</b>	<b>(20216-8, LN, “Deceleration Slope”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>PISA/AR/RF</b>  <b>Alias: AR RF</b>	<b>(G-0390, SRT, “Regurgitant Fraction”)</b>	<b>(G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>MM/AV Diam</b>  <b>Alias: AV Diam</b>	<b>(G-038F, SRT, “Cardiovascular Orifice Diameter”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (G-0394, SRT, “M mode”)</b>
<b>MM/%IVS Thck</b> <b>Alias: %IVS Thck</b>	<b>(18054-7, LN, “Interventricular</b>	<b>(G-0373, SRT, “Image Mode”) = (G-0394, SRT, “M mode”)</b>

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	<b>Septum % Thickening")</b>	
<b>2D/AV Diam</b> <b>Alias: AV Diam</b>	<b>(G-038F, SRT, "Cardiovascular Orifice Diameter")</b>	<b>(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow") (G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode</b>
<b>2D/AV Cusp</b> <b>Alias: AV Cusp</b>	<b>(17996-0, LN, "Aortic Valve Cusp Separation")</b>	<b>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode</b>
<b>2D/LAX/Trans AVA diastole</b> <b>Alias: Trans AVA (d)</b>	<b>(G-038E, SRT, "Cardiovascular Orifice Area")</b>	<b>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode (R-4089A, SRT, "Cardiac Cycle Point") = (F-32010, SRT, "Diastole")</b>
<b>2D/LAX/Trans AVA systole</b> <b>Alias: Trans AVA (s)</b>	<b>(G-038E, SRT, "Cardiovascular Orifice Area")</b>	<b>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")</b>
<b>2D/SAX/Trans AVA diastole</b> <b>Alias: Trans AVA (d)</b>	<b>(G-038E, SRT, "Cardiovascular Orifice Area")</b>	<b>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on</b>

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		scan mode (R-4089A, SRT, “Cardiac Cycle Point”) = (F-32010, SRT, “Diastole”)
<b>2D/SAX/Trans AVA systole</b>  <b>Alias: Trans AVA (s)</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode (R-4089A, SRT, “Cardiac Cycle Point”) = (F-32020, SRT, “Systole”)</b>
<b>2D/AVA Planimetry</b>  <b>Alias: AVA Planimetry</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode (G-C036, SRT, “Measurement Method”) = (125220, DCM, “Planimetry”)</b>
<b>2D/AV Area</b>  <b>Alias: AV Area</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>MM/AV Cusp</b>  <b>Alias: AV Cusp</b>	<b>(17996-0, LN, “Aortic Valve Cusp Separation”)</b>	<b>(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)</b>

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<b>AV Vmax</b> Alias: AV Vmax	(11726-7, LN, "Peak Velocity")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AV Vmax P</b> Alias: AV Vmax	(11726-7, LN, "Peak Velocity")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AV maxPG</b> Alias: AV maxPG	(20247-3, LN, "Peak Gradient")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AV Vmean</b> Alias: AV Vmean	(20352-1, LN, "Mean Velocity")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AV meanPG</b> Alias: AV meanPG	(20256-4, LN, "Mean Gradient")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AV Acc Time</b> Alias: AV AccT	(20168-1, LN, "Acceleration Time")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow") (G-0373, SRT, "Image Mode") = (R-409E3, SRT, "Doppler Continuous Wave")
<b>AV VTI</b> Alias: AV VTI	(20354-7, LN, "Velocity Time Integral")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AV Env. Ti</b> Alias: AV Env. Ti	(GEU-106-0080, 99GEMS, "Time duration of the VTI trace on Aortic Valve")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>AVA (VTI)</b> Alias: AVA (VTI)	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT,



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		<b>“Antegrade Flow”</b> <b>(G-C036, SRT,</b> <b>“Measurement Method”)</b> <b>= (125215, DCM,</b> <b>“Continuity Equation by</b> <b>Velocity Time Integral”)</b>
<b>AVA (Vmax)</b>  <b>Alias: AVA Vmax</b>	<b>(G-038E, SRT,</b> <b>“Cardiovascular</b> <b>Orifice Area”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”) =</b> <b>(R-42047, SRT,</b> <b>“Antegrade Flow”)</b> <b>(G-C036, SRT,</b> <b>“Measurement Method”)</b> <b>= (125214, DCM,</b> <b>“Continuity Equation by</b> <b>Peak Velocity”)</b>
<b>AVA (Vmax)2</b>  <b>Alias: AVA Vmax, Pt</b>	<b>(G-038E, SRT,</b> <b>“Cardiovascular</b> <b>Orifice Area”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”) =</b> <b>(R-42047, SRT,</b> <b>“Antegrade Flow”)</b> <b>(G-C036, SRT,</b> <b>“Measurement Method”)</b> <b>= (125214, DCM,</b> <b>“Continuity Equation by</b> <b>Peak Velocity”)</b>
<b>AVA (Vmax)P</b>  <b>Alias: AVA Vmax, Pt</b>	<b>(G-038E, SRT,</b> <b>“Cardiovascular</b> <b>Orifice Area”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”) =</b> <b>(R-42047, SRT,</b> <b>“Antegrade Flow”)</b> <b>(G-C036, SRT,</b> <b>“Measurement Method”)</b> <b>= (125214, DCM,</b> <b>“Continuity Equation by</b> <b>Peak Velocity”)</b>
<b>AVA (Vmax)P2</b>  <b>Alias: AVA Vmax</b>	<b>(G-038E, SRT,</b> <b>“Cardiovascular</b> <b>Orifice Area”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”) =</b> <b>(R-42047, SRT,</b> <b>“Antegrade Flow”)</b> <b>(G-C036, SRT,</b> <b>“Measurement Method”)</b> <b>= (125214, DCM,</b> <b>“Continuity Equation by</b> <b>Peak Velocity”)</b>

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<b>AV SV</b> <b>Alias: AV SV</b>	<b>(F-32120, SRT, “Stroke Volume”)</b>	<b>(G-C0E3, SRT, «Finding Site») = (T-42000, SRT, «Aorta»)</b>
<b>AV HR</b> <b>Alias: HR</b>	<b>(8867-4, LN, “Heart rate”)</b>	
<b>AV SI</b> <b>Alias: AV SI</b>	<b>(F-00078, SRT, “Stroke Index”)</b>	<b>(G-C0E3, SRT, «Finding Site») = (T-42000, SRT, «Aorta»)</b>
<b>AV Time To Peak</b> <b>Alias: AV Time to Peak</b>	<b>(GEU-106-0006, 99GEMS, “Time to Peak”)</b>	
<b>AV CO</b> <b>Alias: AV CO</b>	<b>(F-32100, SRT, “Cardiac Output”)</b>	<b>(G-C0E3, SRT, «Finding Site») = (T-42000, SRT, «Aorta»)</b>
<b>AV CI</b> <b>Alias: AV CI</b>	<b>(F-32110, SRT, “Cardiac Index”)</b>	<b>(G-C0E3, SRT, «Finding Site») = (T-42000, SRT, «Aorta»)</b>
<b>AV Acc Slope</b> <b>Alias: AV Acc Slope</b>	<b>(20167-3, LN, “Acceleration Slope”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (R-409E3, SRT, “Doppler Continuous Wave”)</b>
<b>AVET</b> <b>Alias: AVET</b>	<b>(18041-4, LN, “Aortic Valve Ejection Time”)</b>	<b>(G-0373, SRT, “Image Mode”) = (R-409E3, SRT, “Doppler Continuous Wave”)</b>
<b>AV Acc Time/ET Ratio</b> <b>Alias: AV Acc Time/ET</b>	<b>(G-0382, SRT, “Ratio of Aortic Valve Acceleration Time to Ejection Time”)</b>	<b>(G-0373, SRT, “Image Mode”) = (R-409E3, SRT, “Doppler Continuous Wave”)</b>
<b>AV dp/dt</b> <b>Alias: AV dp dt</b>	<b>(59120-6, LN, “Aortic valve antegrade dp/dt [pressure rate] by US”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>AR PHT</b> <b>Alias: AR PHT</b>	<b>(20280-4, LN, “Pressure Half-Time”)</b>	<b>(G-C048, SRT, “Direction of Flow”) =</b>

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		(R-42E61, SRT, “Regurgitant Flow”)
<b>AR Dec Time</b> Alias: AR Dec Time	(20217-6, LN, “Deceleration Time”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>AR Dec Slope</b> Alias: AR Dec Slope	(20216-8, LN, “Deceleration Slope”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>AR Vmax</b> Alias: AR Vmax	(11726-7, LN, “Peak Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>AR maxPG</b> Alias: AR maxPG	(20247-3, LN, “Peak Gradient”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>AR Env. Ti</b> Alias: AR Env. Ti	(GEU-106-0082, 99GEMS, “Time duration of the VTI trace on Aortic Regurgitant flow”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>AR HR</b> Alias: AR HR	(8867-4, LN, “Heart rate”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>Arend Vmax</b> Alias: Arend Vmax	(11726-7, LN, “Peak Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (R-4089A, SRT, “Cardiac Cycle Point”) = (109022, DCM, “End Diastole”)

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<b>Arend maxPG</b> <b>Alias: Arend PG</b>	<b>(20247-3, LN, “Peak Gradient”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (R-4089A, SRT, “Cardiac Cycle Point”) = (109022, DCM, “End Diastole”)</b>
<b>AR Vmean</b> <b>Alias: AR Vmean</b>	<b>(20352-1, LN, “Mean Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>AR meanPG</b> <b>Alias: AR meanPG</b>	<b>(20256-4, LN, “Mean Gradient”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>AR VTI</b> <b>Alias: AR VTI</b>	<b>(20354-7, LN, “Velocity Time Integral”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>AR dp/dt</b> <b>Alias: AR dp/dt</b>	<b>(59120-6, LN, “Aortic regurgitant dp/dt US pressure by rate”)</b>	<b>(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>PISA/AR/Flow</b> <b>Alias: AR Flow</b>	<b>(34141-2, LN, “Peak Instantaneous Flow Rate”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/AR/Radius</b> <b>Alias: AR Rad</b>	<b>(GEU-106-0004, 99GEMS, “Flow Radius”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM,</b>

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		<b>“Proximal Isovelocity Surface Area”)</b>
<b>PISA/AR/Velocity</b> <b>Alias: AR Als.Vel</b>	<b>(GEU-106-0005, 99GEMS, “Alias Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/AR/Vmax</b> <b>Alias: AR Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/AR/VTI</b> <b>Alias: AR VTI</b>	<b>(20354-7, LN, “Velocity Time Integral”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/AR/ERO</b> <b>Alias: AR ERO</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/AR/RV</b> <b>Alias: AR RV</b>	<b>(33878-0, LN, “Volume Flow”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT,</b>

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		“Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)
<b>2D/AV Annulus Diam</b> <b>Alias: AV Annulus Diam</b>	<b>(79940-3, LN, “Aortic valve annulus Diameter at end systole by US 2D”)</b>	
<b>AA_DIAMETER(4D)</b> <b>Alias: AA Diameter 4D</b>	<b>(G-038F, SRT, “Cardiovascular Orifice Diameter”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-35410, SRT, “Aortic Valve Ring”) (G-C036, SRT, “Measurement Method”) = (GEU-106-0098, 99GEMS, “4DautoAVQ quantification tool”)</b>
<b>AA_AREA(4D)</b> <b>Alias: AA Area 4D</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C036, SRT, “Measurement Method”) = (GEU-106-0098, 99GEMS, “4DautoAVQ quantification tool”)</b>
<b>AA_CIRCUMFERENCE(4D)</b> <b>Alias: AA Circ 4D</b>	<b>(GEU-106-0098, 99GEMS, “Aortic Annulus Circumference on 4D image”)</b>	<b>(G-C036, SRT, “Measurement Method”) = (GEU-106-0098, 99GEMS, “4DautoAVQ quantification tool”)</b>
<b>AA_MAX_DIAMETER(4D)</b> <b>Alias: AA Max Dia 4D</b>	<b>(GEU-106-0099, 99GEMS, “Aortic Annulus major semi- axis from ellipse fit on 4D image”)</b>	<b>(G-C036, SRT, “Measurement Method”) = (GEU-106-0098, 99GEMS, “4DautoAVQ quantification tool”)</b>
<b>AA_MIN_DIAMETER(4D)</b> <b>Alias: AA Min Dia 4D</b>	<b>(GEU-106-0100, 99GEMS, “Aortic Annulus minor semi- axis from ellipse fit on 4D image”)</b>	<b>(G-C036, SRT, “Measurement Method”) = (GEU-106-0098, 99GEMS, “4DautoAVQ quantification tool”)</b>

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<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>MV Reg Frac</b> <b>Alias: MV Reg Frac</b>	<b>(G-0390, SRT, “Regurgitant Fraction”)</b>	
<b>MR Acc Slope</b> <b>Alias: MR Acc Slope</b>	<b>(20167-3, LN, “Acceleration Slope”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>MR dp/dt</b> <b>Alias: MR dp/dt</b>	<b>(18035-6, LN, “Mitral Regurgitation dP/dt derived from Mitral Reg. velocity”)</b>	
<b>PISA/MR/RF</b> <b>Alias: MR RF</b>	<b>(G-0390, SRT, “Regurgitant Fraction”)</b>	<b>(G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>2D/MV Annulus Diam</b> <b>Alias: MV Ann Diam</b>	<b>(G-038F, SRT, “Cardiovascular Orifice Diameter”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-35313, SRT, “Mitral Annulus”) (G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>2D/MV Annulus Diam AP</b> <b>Alias : MV Annulus Diam AP</b>	<b>(GEU-106-0177, 99GEMS,</b>	<b>(G-C0E3, SRT, "Finding Site") =</b>

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	"Diameter in Anterior to Posterior direction")	(SRT, T-35313, "Mitral Annulus")
<p><b>2D/SAX/MVA</b></p> <p><b>Alias: MVA Planimetry</b></p>	(G-038E, SRT, "Cardiovascular Orifice Area")	<p>(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")</p> <p>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode (111031, DCM, "Image View") = (G-0397, SRT, "Parasternal short axis")</p>
<p><b>2D/MVA Planimetry</b></p> <p><b>Alias: MVA Planimetry</b></p>	(G-038E, SRT, "Cardiovascular Orifice Area")	<p>(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")</p> <p>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode (G-C036, SRT, "Measurement Method") = (125220, DCM, "Planimetry")</p>
<p><b>2D/MV Area</b></p> <p><b>Alias: MV Area</b></p>	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")



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		Flow”) (G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode
<b>2D/MV Area (PHN) Alias : MV Area (PHN)</b>	<b>(G-A166, SRT, "Area")</b>	
<b>2D/EPSS Alias: EPSS</b>	<b>(GEU-106-0066, 99GEMS, “E-point Spetal separation in 2D”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”)</b>
<b>4DAutoMVQ/A-P_Diameter Alias: MV A-P Diam</b>	<b>(GEU-106-0036, 99GEMS, “MV antero-posterior diameter by 4Dauto MV quantification tool”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU- 106-0037, 99GEMS, “4D auto MV quantification tool”) (111031, DCM, “Image View”) = (G-0395, SRT, “Apical long axis”)</b>
<b>4DAutoMVQ/PM-AL_Diameter Alias: MV PM-AL Diam</b>	<b>(GEU-106-0038, 99GEMS, “Mitral valve Diameter, medLat to AntPost hinge on commissural view”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU- 106-0037, 99GEMS, “4D auto MV quantification tool”) (GEU-106-0039, 99GEMS, “MV commissural view”)</b>

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<b>4DAutoMVQ/Annulus_Perimeter</b> <b>Alias: MV Annulus Perimeter</b>	<b>(GEU-106-0040, 99GEMS, “4D mitral annulus perimeter”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU- 106-0037, 99GEMS, “4D auto MV quantification tool”) (T-35313, SRT, “Mitral Annulus”)</b>
<b>4DAutoMVQ/Annulus_Area_3D</b> <b>Alias: MV Annulus Area 3D</b>	<b>(GEU-106-0041, 99GEMS, “4D mitral annulus surface”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU- 106-0037, 99GEMS, “4D auto MV quantification tool”) (T-35313, SRT, “Mitral Annulus”)</b>
<b>4DAutoMVQ/Tenting_Height</b> <b>Alias: MV Tenting Height</b>	<b>(GEU-106-0042, 99GEMS, “MV tenting height from 4D Aplax”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU- 106-0037, 99GEMS, “4D auto MV quantification tool”) (111031, DCM, “Image View”) = (G-0395, SRT, “Apical long axis”)</b>
<b>4DAutoMVQ/Mitral-Aortic_Angle</b> <b>Alias: Mitral-Aortic Angle</b>	<b>(GEU-106-0043, 99GEMS, “Mitral- Aortic angle from 4D Aplax”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement</b>

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		Method”) = (GEU-106-0037, 99GEMS, “4D auto MV quantification tool”) (111031, DCM, “Image View”) = (G-0395, SRT, “Apical long axis”)
<b>4DAutoMVQ/Inter_Trigonal_Distance</b> Alias: MV Inter-Trigonal Dist	(GEU-106-0044, 99GEMS, “Distance between mitral trigons”)	(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU-106-0037, 99GEMS, “4D auto MV quantification tool”)
<b>4DAutoMVQ/Annulus_Height</b> Alias: MV Annulus Height	(GEU-106-0045, 99GEMS, “MV annulus height”)	(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU-106-0037, 99GEMS, “4D auto MV quantification tool”)
<b>4DAutoMVQ/Anterior_Leaflet_Length</b> Alias: MV Ant Leaflet Len	(GEU-106-0046, 99GEMS, “Length of anterior MV leaflet from 4D Aplax”)	(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU-106-0037, 99GEMS, “4D auto MV quantification tool”) (111031, DCM, “Image View”) = (G-0395, SRT, “Apical long axis”) (G-C0E3, SRT, “Finding Site”) =

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		(T-35321, SRT, “Anterior Leaflet of Mitral Valve”)
<b>4DAutoMVQ/Posterior_Leaflet_Length</b> <b>Alias: MV Post Leaflet Len</b>	(GEU-106-0047, 99GEMS, “Length of posterior MV from 4D Aplax”)	(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU-106-0037, 99GEMS, “4D auto MV quantification tool”) (111031, DCM, “Image View”) = (G-0395, SRT, “Apical long axis”) (G-C0E3, SRT, “Finding Site”) = (T-35322, SRT, “Posterior Leaflet of Mitral Valve”)
<b>MV A VTI</b> <b>Alias: MV A VTI</b>	(20354-7, LN, “Velocity Time Integral”)	(R-4089A, SRT, “Cardiac Cycle Point”) = (F-32030, SRT, “Atrial Systole”)
<b>MV Dec Time</b> <b>Alias: MV DecT</b>	(20217-6, LN, “Deceleration Time”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
<b>MV PHT</b> <b>Alias: MV PHT</b>	(20280-4, LN, “Pressure Half-Time”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
<b>MV Dec Slope</b> <b>Alias: MV Dec Slope</b>	(20216-8, LN, “Deceleration Slope”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)

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<p><b>MVA (PHT)</b> <b>Alias: MVA By PHT</b></p>	<p><b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-C036, SRT, “Measurement Method”) = (125210, DCM, “Area by Pressure Half-Time”)</b></p>
<p><b>MVA (VTI)</b> <b>Alias: MVA (VTI)</b></p>	<p><b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-C036, SRT, “Measurement Method”) = (125215, DCM, “Continuity Equation by Velocity Time Integral”)</b></p>
<p><b>MV meanPG</b> <b>Alias: MV meanPG</b></p>	<p><b>(20256-4, LN, “Mean Gradient”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b></p>
<p><b>MV Vmax</b> <b>Alias: MV Vmax</b></p>	<p><b>(11726-7, LN, “Peak Velocity”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b></p>
<p><b>MV Vmean</b> <b>Alias: MV Vmean</b></p>	<p><b>(20352-1, LN, “Mean Velocity”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b></p>
<p><b>MV maxPG</b> <b>Alias: MV maxPG</b></p>	<p><b>(20247-3, LN, “Peak Gradient”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42047,</b></p>

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		SRT, “Antegrade Flow”)
<b>MV VTI</b> Alias: MV VTI	(20354-7, LN, “Velocity Time Integral”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
<b>MV Time To Peak</b> Alias: MV Time to Peak	(GEU-106-0006, 99GEMS, “Time to Peak”)	
<b>MV HR</b> Alias: HR	(8867-4, LN, “Heart rate”)	
<b>MV SV</b> Alias: MV SV	(F-32120, SRT, “Stroke Volume”)	(G-C0E3, SRT, «Finding Site») = (T-35300, SRT, «Mitral Valve»)
<b>MV SI</b> Alias: MV SI	(F-00078, SRT, “Stroke Index”)	(G-C0E3, SRT, «Finding Site») = (T-35300, SRT, «Mitral Valve»)
<b>MV CO</b> Alias: MV CO	(F-32100, SRT, “Cardiac Output”)	(G-C0E3, SRT, «Finding Site») = (T-35300, SRT, «Mitral Valve»)
<b>MV CI</b> Alias: MV CI	(F-32110, SRT, “Cardiac Index”)	(G-C0E3, SRT, «Finding Site») = (T-35300, SRT, «Mitral Valve»)
<b>MV E Env.Ti</b> Alias: MV E Env. Ti	(GEU-106-0076, 99GEMS, “Time duration of the VTI trace on Mitral Valve E-wave”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
<b>MV A Env. Ti</b> Alias: MV A Env. Ti	(GEU-106-0077, 99GEMS, “Time duration of the VTI trace on Mitral Valve A-wave”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
<b>MV Env. Ti</b> Alias: MV Env. Ti	(GEU-106-0078, 99GEMS, “Time	(G-0373, SRT, «Image Mode») =

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	duration of the VTI trace on Mitral Valve")	(R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
MR Env. Ti Alias: MR Env. Ti	(GEU-106-0079, 99GEMS, "Time duration of the VTI trace on Mitral Regurgitant flow")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")
MVET Alias: MVET	(GEU-106-0069, 99GEMS, "Mitral Valve Ejection Time")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») =
MV Eann Velocity Alias: MV Eann Velocity	(18037-2, LN, "Mitral Valve E-Wave Peak Velocity")	(G-C0E3, SRT, "Finding Site") = (T-35313, SRT, "Mitral Annulus")
MV E/A Ratio Alias: MV E/A Ratio	(18038-0, LN, "Mitral Valve E to A Ratio")	
MV Acc Time/MV Dec Time Alias: MV AccT/DecT	(G-0386, SRT, «Mitral Valve AT/DT Ratio»)	
MV dp/dt Alias MV dp dt	(59120-6, LN, "Mitral valve antegrade dP/dt [pressure rate] by US")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
MR Vmax Alias: MR Vmax	(11726-7, LN, "Peak Velocity")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")

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<b>MR meanPG</b> <b>Alias: MR meanPG</b>	<b>(20256-4, LN, “Mean Gradient”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>MR Vmean</b> <b>Alias: MR Vmean</b>	<b>(20352-1, LN, “Mean Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>MR maxPG</b> <b>Alias: MR maxPG</b>	<b>(20247-3, LN, “Peak Gradient”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>MR VTI</b> <b>Alias: MR VTI</b>	<b>(20354-7, LN, “Velocity Time Integral”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</b>
<b>MCO</b> <b>Alias: MCO</b>	<b>(G-0387, SRT, “Mitral Valve Closure to Opening Time”)</b>	<b>(G-0373, SRT, “Image Mode”) = (R-409E3, SRT, “Doppler Continuous Wave”)</b>
<b>PISA/MR/Flow</b> <b>Alias: MR Flow</b>	<b>(34141-2, LN, “Peak Instantaneous Flow Rate”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/MR/Radius</b> <b>Alias: MR Rad</b>	<b>(GEU-106-0004, 99GEMS, “Flow Radius”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT,</b>



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		<p>“Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</p>
<p><b>PISA/MR/Velocity</b></p> <p><b>Alias: MR Als.Vel</b></p>	<p><b>(GEU-106-0005, 99GEMS, “Alias Velocity”)</b></p>	<p>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</p> <p>(G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</p>
<p><b>PISA/MR/Vmax</b></p> <p><b>Alias: MR Vmax</b></p>	<p><b>(11726-7, LN, “Peak Velocity”)</b></p>	<p>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</p> <p>(G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</p>
<p><b>PISA/MR/VTI</b></p> <p><b>Alias: MR VTI</b></p>	<p><b>(20354-7, LN, “Velocity Time Integral”)</b></p>	<p>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)</p> <p>(G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</p>

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<b>PISA/MR/ERO</b>  <b>Alias: MR ERO</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/MR/RV</b>  <b>Alias: MR RV</b>	<b>(33878-0, LN, “Volume Flow”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>MV Eprime Velocity</b>  <b>Alias: E’</b>	<b>(59133-9, LN, “Peak Tissue Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-35313, SRT, “Mitral Annulus”) (R-4089A, SRT, “Cardiac Cycle Point”) = (R-40B1B, SRT, “Early Diastole”)</b>
<b>MV E/Eprime Ratio/Calc</b>  <b>Alias: E/E’</b>	<b>(59111-5, LN, “E Velocity to Annulus E Velocity Ratio”)</b>	
<b>MV E/A Ratio/Calc</b> <b>Alias: E/A Ratio</b>	<b>(18038-0, LN, “Mitral Valve E to A Ratio”)</b>	
<b>MV Medial Eprime Velocity</b> <b>Alias: E’ Sept</b>	<b>(59133-9, LN, “Peak Tissue Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (G-0391, SRT,</b>

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		“Medial Mitral Annulus) (R-4089A, SRT, “Cardiac Cycle Point”) = (R-40B1B, SRT, “Early Diastole”)
<b>MV Medial E/Eprime Ratio/Calc</b>  <b>Alias: E/E’ Sept</b>	<b>(59111-5, LN, “E Velocity to Annulus E Velocity Ratio”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (G-0391, SRT, “Medial Mitral Annulus)</b>
<b>MV Lateral Eprime Velocity</b>  <b>Alias: E’ Lat</b>	<b>(59133-9, LN, “Peak Tissue Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (G-0392, SRT, “Lateral Mitral Annulus”) (R-4089A, SRT, “Cardiac Cycle Point”) = (R-40B1B, SRT, “Early Diastole”)</b>
<b>MV Lateral E/Eprime Ratio/Calc</b>  <b>Alias: E/E’ Lat</b>	<b>(59111-5, LN, “E Velocity to Annulus E Velocity Ratio”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (G-0392, SRT, “Lateral Mitral Annulus”)</b>
<b>Medial E’/2 + Lateral E’/2 (calc Avg)</b>  <b>Alias: E’ Avg</b>	<b>(GEU-106-0031, 99GEMS, “Average Annulus E Velocity”)</b>	<b>(R-4089A, SRT, “Cardiac Cycle Point”) = (R-40B1B, SRT, “Early Diastole”)</b>
<b>E/(Medial E’/2 + Lateral E’/2)</b>  <b>Alias: E/E’ Avg</b>	<b>(GEU-106-0032, 99GEMS, “E Velocity to Average Annulus E Velocity”)</b>	
<b>MM/MAPSE</b> <b>Alias: MAPSE</b>	<b>(GEU-106-0035, 99GEMS, “Mitral Annular Plane Systolic Excursion (MAPSE)”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-35313, SRT, “Mitral Annulus”)</b>

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<b>MM/MV CE Dist</b> <b>Alias: MV CE Dist</b>	<b>(59122-2, LN, “Valve C-E distance US”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-0394, SRT, “M mode”)</b>
<b>MM/MV D-E Excursion</b> <b>Alias: MV D-E Excursion</b>	<b>(17997-8, LN, “Mitral Valve D-E Excursion”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-0394, SRT, “M mode”)</b>
<b>MM/MV D-E Slope</b> <b>Alias: MV D-E Slope</b>	<b>(59127-1, LN, “Valve D-E slope”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-0394, SRT, “M mode”)</b>

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<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>2D/PV Annulus Diam</b>  <b>Alias: PV Ann Diam</b>	<b>(G-038F, SRT, “Cardiovascular Orifice Diameter”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>2D/PV Annulus Diam (plax)</b> <b>Alias : PV Annulus Diam (plax)</b>	<b>(G-038F, SRT, "Cardiovascular Orifice Diameter")</b>	<b>(111031, DCM, "Image View") = (SRT, G-0396, "Parasternal long axis")</b>
<b>2D/PV Annulus Diam (sax)</b> <b>Alias : PV Annulus Diam (sax)</b>	<b>(G-038F, SRT, "Cardiovascular Orifice Diameter")</b>	<b>(111031, DCM, "Image View") = (SRT, G-0397, "Parasternal short axis")</b>
<b>2D/PV Area</b>  <b>Alias: PV Area</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-0373, SRT, “Image Mode”) =</b>

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		(G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode
MM/Q-to-PV close Alias: Q-to-PV close	(20295-2, LN, “Time from Q wave to Pulmonic Valve Closes”)	(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)
PV Vmax Alias: PV Vmax	(11726-7, LN, “Peak Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV Vmax P Alias: PV Vmax	(11726-7, LN, “Peak Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV maxPG Alias: PV maxPG	(20247-3, LN, “Peak Gradient”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV Vmean Alias: PV Vmean	(20352-1, LN, “Mean Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV meanPG Alias: PV meanPG	(20256-4, LN, “Mean Gradient”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV Acc Time Alias: PV AccT	(20168-1, LN, “Acceleration Time”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV VTI Alias: PV VTI	(20354-7, LN, “Velocity Time Integral”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PV Env.Ti Alias: PV Env.Ti	(GEU-106-0086, “Time duration of the VTI trace on Pulmonic Valve”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)
PVA (VTI) Alias: PVA (VTI)	(G-038E, SRT, “Cardiovascular Orifice Area”)	(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-C036, SRT, “Measurement Method”) = (125215, DCM, “Continuity Equation by Velocity Time Integral”)

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<b>PVA (Vmax)</b> <b>Alias: PVA (Vmax)</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-C036, SRT, “Measurement Method”) = (125214, DCM, “Continuity Equation by Peak Velocity”)</b>
<b>PVA (Vmax)P</b> <b>Alias: PVA (Vmax)</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”) (G-C036, SRT, “Measurement Method”) = (125214, DCM, “Continuity Equation by Peak Velocity”)</b>
<b>PV HR</b> <b>Alias: HR</b>	<b>(8867-4, LN, “Heart rate”)</b>	
<b>PV SV</b> <b>Alias: PV SV</b>	<b>(F-32120, SRT, “Stroke Volume”)</b>	
<b>PV CO</b> <b>Alias: PV CO</b>	<b>(F-32100, SRT, “Cardiac Output”)</b>	
<b>PV SI</b> <b>Alias: PV SI</b>	<b>(F-00078, SRT, “Stroke Index”)</b>	
<b>PV CI</b> <b>Alias: PV CI</b>	<b>(F-32110, SRT, “Cardiac Index”)</b>	
<b>PVO</b> <b>Alias : PVO</b>	<b>(GEU-106-0143, 99GEMS, "Pulmonic Valve Opening Time")</b>	
<b>PVC</b> <b>Alias : PVC</b>	<b>(GEU-106-0144, 99GEMS, "Pulmonic Valve Closing Time")</b>	
<b>PV dp/dt</b> <b>Alias: PV dp/dt</b>	<b>(59120-6, LN, “Pulmonic valve antegrade dp/dt [pressure rate] by US”)</b>	<b>(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>PV Acc Slope</b> <b>Alias: PV Acc Slope</b>	<b>(20167-3, LN, “Acceleration Slope”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>

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<b>PVET</b> Alias: PVET	(18042-2, LN, “Pulmonic Valve Ejection Time”)	(G-0373, SRT, “Image Mode”) = (R-409E3, SRT, “Doppler Continuous Wave”)
<b>SD/Q-to-PV close</b> Alias: Q-to-PV close	(20295-2, LN, “Time from Q wave to Pulmonic Valve Closes”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
<b>PV Acc Time/ET Ratio</b> Alias: PV AccT/ET	(G-0388, SRT, “Ratio of Pulmonic Valve Acceleration Time to Ejection Time”)	
<b>PV Time To Peak</b> Alias: PV Time to Peak	(GEU-106-0006, 99GEMS, “Time to Peak”)	
<b>PR HR</b> Alias: PR HR	(8867-4, LN, “Heart rate”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR PHT</b> Alias: PR PHT	(20280-4, LN, “Pressure Half-Time”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR Dec Time</b> Alias: PR DecT	(20217-6, LN, “Deceleration Time”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR Dec Slope</b> Alias: PR Dec Slope	(20216-8, LN, “Deceleration Slope”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR Vmax</b> Alias: PR Vmax	(11726-7, LN, “Peak Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR maxPG</b> Alias: PR maxPG	(20247-3, LN, “Peak Gradient”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR Vmean</b> Alias: PR Vmean	(20352-1, LN, “Mean Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR meanPG</b> Alias: PR meanPG	(20256-4, LN, “Mean Gradient”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)

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<b>PR VTI</b> <b>Alias: PR VTI</b>	(20354-7, LN, “Velocity Time Integral”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR Env.Ti</b> <b>Alias: PR Env.Ti</b>	(GEU-106-0087, 99GEMS, “Time duration of the VTI trace on Pulmonic Regurgitant flow”)	(G-0373, SRT, “Image Mode”) = (R-409E4, SRT, “Doppler Pulsed”) (G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>PR dp/dt</b> <b>Alias: PR dp/dt</b>	(59120-6, LN, “Pulmonic valve regurgitant dp/dt [pressure rate] by US”)	(G-0373, SRT, “Image Mode”) = (R-409E4, SRT, “Doppler Pulsed”) or (G-0373, SRT, “Image Mode”) = (R-409E3, SRT, “Doppler Continuous Wave”) (G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”)
<b>Prend Vmax</b> <b>Alias: Prend Vmax</b>	(11726-7, LN, “Peak Velocity”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (R-4089A, SRT, “Cardiac Cycle Point”) = (109022, DCM, “End Diastole”)
<b>Prend maxPG</b> <b>Alias: Prend PG</b>	(20247-3, LN, “Peak Gradient”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (R-4089A, SRT, “Cardiac Cycle Point”) = (109022, DCM, “End Diastole”)
<b>PISA/PR/Flow</b> <b>Alias: PR Flow</b>	(34141-2, LN, “Peak Instantaneous Flow Rate”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)
<b>PISA/PR/Radius</b> <b>Alias: PR Rad</b>	(GEU-106-0004, 99GEMS, “Flow Radius”)	(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM,



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		<b>“Proximal Isovelocity Surface Area”)</b>
<b>PISA/PR/Velocity</b> <b>Alias: PR Als.Vel</b>	<b>(GEU-106-0005, 99GEMS, “Alias Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/PR/Vmax</b> <b>Alias: PR Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/PR/VTI</b> <b>Alias: PR VTI</b>	<b>(20354-7, LN, “Velocity Time Integral”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/PR/ERO</b> <b>Alias: PR ERO</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PISA/PR/RV</b> <b>Alias: PR RV</b>	<b>(33878-0, LN, “Volume Flow”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>PRearly Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-0373, SRT, "Image Mode")= (R-409E4, SRT, "Doppler Pulsed") (R-4089A, SRT, "Cardiac Cycle Point") = (R-40B1B, SRT, "Early Diastole")</b>

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		(G-C0E3, SRT, "Finding Site") = (G-0397, SRT, "Parasternal short axis") (111031, DCM, "Image View") = (R-42E61, SRT, "Regurgitant Flow")
PRearly maxPG	(20247-3, LN, "Peak Gradient")	(G-0373, SRT, "Image Mode")= (R-409E4, SRT, "Doppler Pulsed") (R-4089A, SRT, "Cardiac Cycle Point") = (R-40B1B, SRT, "Early Diastole") (G-C0E3, SRT, "Finding Site") = (G-0397, SRT, "Parasternal short axis") (111031, DCM, "Image View") = (R-42E61, SRT, "Regurgitant Flow")

Section Tricuspid Valve

GEU Parameter ID (and corresponding alias)	Base Measurement Concept Name	Concept or Acquisition Context Modifier
2D/TVA Planimetry Alias: TVA Planimetry	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow") (G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode (G-C036, SRT, "Measurement Method") = (125220, DCM, "Planimetry")
2D/TV Annulus Diam Alias: TV Ann Diam	(G-038F, SRT, "Cardiovascular Orifice Diameter")	(G-C0E3, SRT, "Finding Site") = (T-35111, SRT,

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		<b>“Tricuspid Annulus”</b> <b>(G-C048, SRT,</b> <b>“Direction of Flow”</b> <b>= (R-42047, SRT,</b> <b>“Antegrade Flow”</b> <b>(G-0373, SRT,</b> <b>“Image Mode”) = (G-</b> <b>03A2, SRT, “2D</b> <b>mode”) or (R-409E2,</b> <b>SRT, “Doppler Color</b> <b>Flow”) depending on</b> <b>scan mode</b>
<b>2D/TV Annulus Diam AP</b> <b>Alias : TV Annulus Diam AP</b>	<b>(GEU-106-0177,</b> <b>99GEMS, "Diameter in</b> <b>Anterior to Posterior</b> <b>direction")</b>	<b>(G-C0E3, SRT,</b> <b>"Finding Site") =</b> <b>(SRT, T-35111,</b> <b>"Tricuspid</b> <b>Annulus")</b>
<b>2D/TV Area</b> <b>Alias: TV Area</b>	<b>(G-038E, SRT,</b> <b>“Cardiovascular</b> <b>Orifice Area”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”</b> <b>= (R-42047, SRT,</b> <b>“Antegrade Flow”</b> <b>(G-0373, SRT,</b> <b>“Image Mode”) = (G-</b> <b>03A2, SRT, “2D</b> <b>mode”) or (R-409E2,</b> <b>SRT, “Doppler Color</b> <b>Flow”) depending on</b> <b>scan mode</b>
<b>2D/TV Area (PHN)</b> <b>Alias : TV Area (PHN)</b>	<b>(G-A166, SRT,</b> <b>"Area")</b>	
<b>MM/Q-to-TV open</b> <b>Alias: Q-to-TV open</b>	<b>(20296-0, LN, “Time</b> <b>from Q wave to</b> <b>Tricuspid Valve</b> <b>Opens”)</b>	<b>(G-0373, SRT,</b> <b>«Image Mode») = (G-</b> <b>0394, SRT, «M</b> <b>mode»)</b>
<b>TV Acc Time</b> <b>Alias: TV AccT</b>	<b>(20168-1, LN,</b> <b>“Acceleration Time”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”</b> <b>= (R-42047, SRT,</b> <b>“Antegrade Flow”)</b>
<b>TV Acc Slope</b> <b>Alias: TV Acc Slope</b>	<b>(20167-3, LN,</b> <b>“Acceleration Slope”)</b>	<b>(G-C048, SRT,</b> <b>“Direction of Flow”</b> <b>= (R-42047, SRT,</b> <b>“Antegrade Flow”)</b>

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<b>TV E Velocity</b> <b>Alias: TV E Vel</b>	<b>(18031-5, LN, “Tricuspid Valve E Wave Peak Velocity”)</b>	
<b>TV A Velocity</b> <b>Alias: TV A Vel</b>	<b>(18030-7, LN, “Tricuspid Valve A Wave Peak Velocity”)</b>	
<b>TV Dec Time</b> <b>Alias: TV Dec Time</b>	<b>(20217-6, LN, “Deceleration Time”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV Dec Slope</b> <b>Alias: TV Dec Slope</b>	<b>(20216-8, LN, “Deceleration Slope”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV PHT</b> <b>Alias: TV PHT</b>	<b>(20280-4, LN, “Pressure Half-Time”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TVA</b> <b>Alias: TVA</b>	<b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV meanPG</b> <b>Alias: TV meanPG</b>	<b>(20256-4, LN, “Mean Gradient”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV Vmax</b> <b>Alias: TV Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV Vmax P</b> <b>Alias: TV Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV Vmean</b> <b>Alias: TV Vmean</b>	<b>(20352-1, LN, “Mean Velocity”)</b>	<b>(G-C048, SRT, “Direction of Flow”) = (R-42047, SRT, “Antegrade Flow”)</b>
<b>TV maxPG</b> <b>Alias: TV maxPG</b>	<b>(20247-3, LN, “Peak Gradient”)</b>	<b>(G-C048, SRT, “Direction of Flow”)</b>

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		= (R-42047, SRT, "Antegrade Flow")
<b>TV VTI</b> Alias: TV VTI	(20354-7, LN, "Velocity Time Integral")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>TV Env.Ti</b> Alias: TV Env.Ti	(GEU-106-0088, 99GEMS, "Time duration of the VTI trace on Tricuspid Valve")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
<b>TV Time To Peak</b> Alias: TV Time to Peak	(GEU-106-0006, 99GEMS, "Time to Peak")	
<b>TVA (VTI)</b> Alias: TVA (VTI)	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow") (G-C036, SRT, "Measurement Method") = (125215, DCM, "Continuity Equation by Velocity Time Integral")
<b>TVA (Vmax)</b> Alias: TVA (Vmax)	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow") (G-C036, SRT, "Measurement Method") = (125214, DCM, "Continuity Equation by Peak Velocity")
<b>TVA (Vmax)P</b> Alias: TVA (Vmax)	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow") (G-C036, SRT, "Measurement Method")

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		Method”) = (125214, DCM, “Continuity Equation by Peak Velocity”)
<b>TV HR</b> Alias: HR	(8867-4, LN, “Heart rate”)	
<b>TV SV</b> Alias: TV SV	(F-32120, SRT, “Stroke Volume”)	
<b>TV CO</b> Alias: TV CO	(F32100, SRT, “Cardiac Output”)	
<b>TV SI</b> Alias: TV SI	(F-00078, SRT, “Stroke Index”)	
<b>TV CI</b> Alias: TV CI	(F-32110, SRT, “Cardiac Index”)	
<b>TV Acc Time/TV Dec Time</b> Alias: TV Acc Time/Dec Time	(GEU-106-0074, 99GEMS, “Ratio of Tricuspid Valve acceleration time to deceleration time”)	
<b>TV A Dur</b> Alias: TV A Dur	(GEU-106-0075, 99GEMS, “Tricuspid Valve A-Wave duration”)	
<b>TV E Prime Lateral Velocity</b> Alias: TV E` Lat Vel	(79924-7, LN, “Tricuspid valve annulus Peak Tissue velocity”)	(G-C0E3, SRT, “Finding Site”) = (GEU-106-0034, GEU, “Lateral Tricuspid Annulus”)
<b>TV E/A Ratio</b> Alias: TV E/A Ratio	(18039-8, LN, “Tricuspid Valve E to A Ratio”)	
<b>TV E/A Ratio/Calc</b> Alias: TV E/A Ratio/Calc	(18039-8, LN, “Tricuspid Valve E to A Ratio”)	
<b>TV Eprime/Aprime Lateral Ratio/Calc</b> Alias : TV E'/A' Lateral	(GEU-106-0175, 99GEMS, "Ratio of RV Peak Tissue Velocity E-Wave to RV Peak Diastolic Tissue	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0034, "Lateral Tricuspid Annulus")

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	Velocity during Atrial Systole")	
TV Aprime Lateral Velocity Alias : TV A' lat	(GEU-106-0176, 99GEMS, "RV Peak Diastolic Tissue Velocity During Atrial Systole")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0034, "Lateral Tricuspid Annulus")
TV dp/dt Alias: TV dp dt	(59120-6, LN, "Tricuspid Valve antefrade dp/dt [pressure rate] by US")	(G-C048, SRT, "Direction of Flow") = (R-42047, SRT, "Antegrade Flow")
SD/Q-to-TV open Alias: Q-to-TV open	(20296-0, LN, "Time from Q wave to Tricuspid Valve Opens")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
TR meanPG Alias: TR meanPG	(20256-4, LN, "Mean Gradient")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")
TR Vmax Alias: TR Vmax	(11726-7, LN, "Peak Velocity")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")
TR Vmean Alias: TR Vmean	(20352-1, LN, "Mean Velocity")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")
TR maxPG Alias: TR maxPG	(20247-3, LN, "Peak Gradient")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")
TR VTI Alias: TR VTI	(20354-7, LN, "Velocity Time Integral")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow")
TR Env.Ti Alias: TR Env.Ti	(GEU-106-0089, 99GEMS, "Time duration of the VTI trace on Tricuspid Regurgitant flow")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed») (G-C048, SRT, "Direction of Flow")

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		= (R-42E61, SRT, "Regurgitant Flow")
<b>TR dp/dt</b> Alias: TR dp/dt	(18034-9, LN, "Tricuspid Regurgitation dp/dt derived from Tricuspid Reg Velocity")	
<b>TVET</b> Alias: TVET	(GEU-106-0073, 99GEMS, "Tricuspid Valve Ejection Time")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
<b>TCO</b> Alias: TCO	(G-0389, SRT, "Tricuspid Valve Closure to Opening Time")	(G-0373, SRT, "Image Mode") = (R-409E3, SRT, "Doppler Continuous Wave")
<b>TVO</b> Alias : TVO	(GEU-106-0145, 99GEMS, "Tricuspid Valve Opening Time")	
<b>TVC</b> Alias : TVC	(GEU-106-0146, 99GEMS, "Tricuspid Valve Closing Time")	
<b>PISA/TR/Flow</b> Alias: TR Flow	(34141-2, LN, "Peak Instantaneous Flow Rate")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow") (G-C036, SRT, "Measurement Method") = (125216, DCM, "Proximal Isovelocity Surface Area")
<b>PISA/TR/Radius</b> Alias: TR Rad	(GEU-106-0004, 99GEMS, "Flow Radius")	(G-C048, SRT, "Direction of Flow") = (R-42E61, SRT, "Regurgitant Flow") (G-C036, SRT, "Measurement Method") = (125216, DCM, "Proximal Isovelocity Surface Area")



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<p><b>PISA/TR/Velocity</b>  <b>Alias: TR Als.Vel</b></p>	<p><b>(GEU-106-0005, 99GEMS, “Alias Velocity”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b></p>
<p><b>PISA/TR/Vmax</b>  <b>Alias: TR Vmax</b></p>	<p><b>(11726-7, LN, “Peak Velocity”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b></p>
<p><b>PISA/TR/VTI</b>  <b>Alias: TR VTI</b></p>	<p><b>(20354-7, LN, “Velocity Time Integral”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b></p>
<p><b>PISA/TR/ERO</b>  <b>Alias: TR ERO</b></p>	<p><b>(G-038E, SRT, “Cardiovascular Orifice Area”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT, “Regurgitant Flow”) (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b></p>
<p><b>PISA/TR/RV</b>  <b>Alias: TR RV</b></p>	<p><b>(33878-0, LN, “Volume Flow”)</b></p>	<p><b>(G-C048, SRT, “Direction of Flow”) = (R-42E61, SRT,</b></p>

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		<b>“Regurgitant Flow” (G-C036, SRT, “Measurement Method”) = (125216, DCM, “Proximal Isovelocity Surface Area”)</b>
<b>TAPSE</b>	<b>(GEU-106-0030, 99GEMS, “Tricuspid Annular Plane Systolic Excursion (TAPSE)”)</b>	
<b>4DAutoRVQ/TAPSE Alias: TAPSE</b>	<b>(GEU-106-0052, 99GEMS, “TAPSE from 4D image”)</b>	<b>(G-0373, SRT, “Image Mode”) = (125231, DCM, “3D mode”) (G-C036, SRT, “Measurement Method”) = (GEU- 106-0048, 99GEMS, “4D auto RV quantification tool”)</b>
<b>4DAutoTVQ/Annulus_Area_2D Alias : TV Annulus Area 2D</b>	<b>(GEU-106-0135, 99GEMS, "Tricuspid Annulus Area from 4D quantification tool")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool")</b>
<b>4DAutoTVQ/Annulus_Perimeter Alias : TV Annulus Perimeter</b>	<b>(GEU-106-0136, 99GEMS, "Tricuspid Annulus Perimeter from 4D quantification tool")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D</b>

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		<b>auto TV quantification tool")</b>
<b>4DAutoTVQ/4Ch_Diameter Alias : TV 4Ch ann diam</b>	<b>(GEU-106-0137, 99GEMS, "Tricuspid Annulus Diameter on 4Ch view")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")</b>
<b>4DAutoTVQ/2Ch_Diameter Alias : TV 2Ch ann diam</b>	<b>(GEU-106-0138, 99GEMS, "Tricuspid Annulus Diameter on 2Ch view")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber")</b>
<b>4DAutoTVQ/Major_Axis Alias : TV ann max diam</b>	<b>(GEU-106-0139, 99GEMS, "Tricuspid Annulus major axis length in 4D quantification tool")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D</b>

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		<b>auto TV quantification tool")</b>
<b>4DAutoTVQ/Minor_Axis Alias : TV ann min diam</b>	<b>(GEU-106-0140, 99GEMS, "Tricuspid Annulus minor axis length in 4D quantification tool")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool")</b>
<b>4DAutoTVQ/Coaptation_Height Alias : TV coapt height</b>	<b>(GEU-106-0141, 99GEMS, "Tricuspid Valve Tenting Height at coaptation point")</b>	<b>(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool")</b>
<b>4DAutoTVQ/Tenting_Volume Alias : TV tenting vol</b>	<b>(GEU-106-0142, 99GEMS, "Tricuspid Valve Tenting Volume")</b>	<b>(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool")</b>
<b>4DAutoTVQ/4Ch_Diast_Diameter Alias : TV 4Ch ann diast diam</b>	<b>(GEU-106-0137, 99GEMS, "Tricuspid Annulus Diameter on 4Ch view")</b>	<b>(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle</b>

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		Point") = (SRT, F-32010, "Diastole")
4DAutoTVQ/Major_Diast_Axis Alias : TV ann max diast diam	(GEU-106-0139, 99GEMS, "Tricuspid Annulus major axis length in 4D quantification tool")	(G-C0E3, SRT, "Finding Site") = (SRT, T-35111, "Tricuspid Annulus") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0134, "4D auto TV quantification tool") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32010, "Diastole")

Section Aorta

GEU Parameter ID (and corresponding alias)	Base Measurement Concept Name	Concept or Acquisition Context Modifier
MM/LAAo/Ao Root Diam Alias: Ao Diam	(18015-8, LN, "Aortic Root Diameter")	(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)
2D/Ao Root Diam Alias: Ao Diam	(18015-8, LN, "Aortic Root Diameter")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode
2D/Ao Asc Diam Alias: Ao asc	(18012-5, LN, "Ascending Aortic Diameter")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode
2D/Ao Arch Diam Alias: Ao Arch Diam	(18011-7, LN, "Aortic Arch Diameter")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode

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<b>2D/Ao Desc Diam</b> <b>Alias: Ao Desc Diam</b>	<b>(18013-3, LN, “Descending Aortic Diameter”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>2D/Ao Isthmus</b> <b>Alias: Ao Isthmus</b>	<b>(18014-1, LN, “Aortic Isthmus Diameter”)</b>	<b>(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R-409E2, SRT, “Doppler Color Flow”) depending on scan mode</b>
<b>MM/Ao Root Diam</b> <b>Alias: Ao Diam</b>	<b>(18015-8, LN, “Aortic Root Diameter”)</b>	<b>(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)</b>
<b>Asc Ao Vmax</b> <b>Alias: Aao Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-42100, SRT, “Ascending Aorta”)</b>
<b>Asc Ao maxPG</b> <b>Alias: Aao maxPG</b>	<b>(20247-3, LN, “Peak Gradient”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-42100, SRT, “Ascending Aorta”)</b>
<b>Asc Ao Vmean</b> <b>Alias: Ao Vmean</b>	<b>(20352-1, LN, “Mean Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-42100, SRT, “Ascending Aorta”)</b>
<b>Asc Ao meanPG</b> <b>Alias Ao meanPG</b>	<b>(20256-4, LN, “Mean Gradient”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-42100, SRT, “Ascending Aorta”)</b>
<b>Asc Ao Env. Ti</b> <b>Alias: Ao Env. Ti</b>	<b>(GEU-106-0132, 99GEMS, “Time duration of the VTI trace”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-42100, SRT, “Ascending Aorta”)</b>
<b>Asc Ao VTI</b> <b>Alias: Ao VTI</b>	<b>(20354-7, LN, “Velocity Time Integral”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-42100, SRT, “Ascending Aorta”)</b>
<b>Dsc Ao Vmax</b> <b>Alias: Dao Vmax</b>	<b>(11726-7, LN, “Peak Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-D0765, SRT, “Descending Aorta”)</b>
<b>Dsc Ao maxPG</b> <b>Alias: Dao maxPG</b>	<b>(20247-3, LN, “Peak Gradient”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-D0765, SRT, “Descending Aorta”)</b>
<b>Dsc Ao Vmean</b> <b>Alias: Dao Vmean</b>	<b>(20352-1, LN, “Mean Velocity”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-D0765, SRT, “Descending Aorta”)</b>
<b>Dsc Ao meanPG</b> <b>Alias Dao meanPG</b>	<b>(20256-4, LN, “Mean Gradient”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-D0765, SRT, “Descending Aorta”)</b>

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<b>Dsc Ao Env. Ti</b> Alias: Dao Env. Ti	(GEU-106-0132, 99GEMS, “Time duration of the VTI trace”)	(G-C0E3, SRT, “Finding Site”) = (T-D0765, SRT, “Descending Aorta”)
<b>Dsc Ao VTI</b> Alias: Dao VTI	(20354-7, LN, “Velocity Time Integral”)	(G-C0E3, SRT, “Finding Site”) = (T-D0765, SRT, “Descending Aorta”)

**Section Pulmonary Artery**

<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>2D/MPA</b> Alias: MPA	(18020-8, LN, “Main Pulmonary Artery Diameter”)	(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode
<b>2D/RPA</b> Alias: RPA	(18021-6, LN, “Right Pulmonary Artery Diameter”)	(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode
<b>2D/LPA</b> Alias: LPA	(18019-0, LN, “Left Pulmonary Artery Diameter”)	(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) or (R- 409E2, SRT, “Doppler Color Flow”) depending on scan mode
<b>2D/LAX/RPA area</b> Alias: LAX RPA area	(G-A166, SRT, “Area”)	(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) (G-C0E3, SRT, “Finding Site”) = (T-44200, SRT, “Right Pulmonary Artery”) (111031, DCM, “Image View”) = (G-0396, SRT, “Parasternal long axis”)
<b>2D/LAX/LPA area</b> Alias: LAX LPA area	(G-A166, SRT, “Area”)	(G-0373, SRT, “Image Mode”) = (G-03A2, SRT, “2D mode”) (G-C0E3, SRT, “Finding Site”) = (T-44400, SRT, “Left Pulmonary Artery”) (111031, DCM, “Image View”) = (G-0396, SRT, “Parasternal long axis”)

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<b>2D/SAX/RPA area</b> <b>Alias: SAX RPA area</b>	<b>(G-A166, SRT, "Area")</b>	<b>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (G-C0E3, SRT, "Finding Site") = (T-44200, SRT, "Right Pulmonary Artery") (111031, DCM, "Image View") = (G-0398, SRT, "Parasternal short axis at the aortic valve level")</b>
<b>2D/SAX/LPA area</b> <b>Alias: SAX LPA area</b>	<b>(G-A166, SRT, "Area")</b>	<b>(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (G-C0E3, SRT, "Finding Site") = (T-44400, SRT, "Left Pulmonary Artery") (111031, DCM, "Image View") = (G-0398, SRT, "Parasternal short axis at the aortic valve level")</b>
<b>2D/LAX/Trans AoD diastole</b> <b>Alias: LAX Trans AoD diastole</b>		<b>(R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole") (111031, DCM, "Image View") = (G-0395, SRT, "Apical long axis")</b>
<b>2D/LAX/Trans AoD systole</b> <b>Alias: LAX Trans AoD systole</b>		<b>(R-4089A, SRT, "Cardiac Cycle Point") = (109070, DCM, "End Systole") (111031, DCM, "Image View") = (G-0395, SRT, "Apical long axis")</b>
<b>2D/SAX/Trans AoD diastole</b> <b>Alias: SAX Trans AoD diastole</b>		<b>(R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole") (111031, DCM, "Image View") = (G-0398, SRT, "Parasternal short axis at the aortic valve level")</b>
<b>2D/SAX/Trans AoD systole</b> <b>Alias: SAX Trans AoD systole</b>		<b>(R-4089A, SRT, "Cardiac Cycle Point") = (109070, DCM, "End Systole") (111031, DCM, "Image View") = (G-0398, SRT, "Parasternal short axis at the aortic valve level")</b>
<b>RPA Vmax</b> <b>Alias: RPA Vmax</b>	<b>(11726-7, LN, "Peak Velocity")</b>	<b>(G-C0E3, SRT, "Finding Site") = (T-44200, SRT, "Right Pulmonary Artery")</b>



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<b>RPA maxPG</b> <b>Alias: RPA maxPG</b>	<b>(20247-3, LN, “Peak Gradient”)</b>	<b>(G-C0E3, SRT, “Finding Site”) = (T-44200, SRT, “Right Pulmonary Artery”)</b>
<b>LPA Vmax</b> <b>Alias: LPA Vmax</b>	<b>(GEU-106-0014, 99GEMS, “Left Pulmonary Artery Peak Velocity”)</b>	
<b>LPA maxPG</b> <b>Alias: LPA maxPG</b>	<b>(GEU-106-0015, 99GEMS, “Left Pulmonary Artery Peak Gradient”)</b>	
<b>MPA Vmax</b> <b>Alias: MPA Vmax</b>	<b>(G-038A, SRT, “Main Pulmonary Artery Peak Velocity”)</b>	
<b>PAPmean</b>	<b>(8414-5, LN, “Pulmonary Artery Intravascular Mean Pressure”)</b>	<b>(G-0373, SRT, "Image Mode")= (R-409E4, SRT, "Doppler Pulsed") (R-4089A, SRT, "Cardiac Cycle Point") = (R-40B1B, SRT, "Early Diastole") (G-C0E3, SRT, "Finding Site") = (G-0397, SRT, "Parasternal short axis")</b>

**Section Pulmonary Venous Structure**

<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>P_Vein S</b> <b>Alias: P Vein S</b>	<b>(29450-4, LN, “Pulmonary Vein Systolic Peak Velocity”)</b>	
<b>P_Vein D</b> <b>Alias: P Vein D</b>	<b>(29451-2, LN, “Pulmonary Vein Diastolic Peak Velocity”)</b>	

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<b>P_Vein A</b> Alias: P Vein A	(29453-8, LN, “Pulmonary Vein Atrial Contraction Reversal Peak Velocity”)	
<b>P_Vein A Dur</b> Alias: P Vein A Dur	(G-038B, SRT, “Pulmonary Vein A-Wave Duration”)	
<b>P_Vein S/D Ratio</b> Alias: P Vein S/D Ratio	(29452-0, LN, “Pulmonary Vein Systolic to Diastolic Ratio”)	
<b>P_Vein S VTI</b> Alias: P Vein S VTI	(G-038C, SRT, “Pulmonary Vein S-Wave Velocity Time Integral”)	
<b>P_Vein D VTI</b> Alias: P Vein D VTI	(G-038D, SRT, “Pulmonary Vein D-Wave Velocity Time Integral”)	
<b>P_Vein S Env.Ti</b> Alias: P Vein S Env.Ti	(GEU-106-0083, 99GEMS, “Time duration of the VTI trace on Pulmonary Vein S-Wave”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
<b>P_Vein D Env.Ti</b> Alias: P Vein D Env.Ti	(GEU-106-0084, 99GEMS, “Time duration of the VTI trace on Pulmonary Vein D-Wave”)	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
<b>PA Vmax</b> Alias: PA Vmax	(11726-7, LN, “Peak Velocity”)	
<b>PA max PG</b> Alias: PA max PG	(20247-3, LN, “Peak Gradient”)	

**Section Vena Cava**

<b>GEU Parameter ID (and corresponding alias)</b>	<b>Base Measurement Concept Name</b>	<b>Concept or Acquisition Context Modifier</b>
<b>2D/IVC Diam Ins</b> Alias: IVC Diam Ins	(18006-7, LN, “Inferior Vena Cava Diameter”)	(R-40899, SRT, “Respiratory Cycle Point”) = (F-20010, SRT, “During Inspiration”)
<b>2D/IVC Diam Exp</b> Alias: IVC Diam Exp	(18006-7, LN, “Inferior Vena Cava Diameter”)	(R-40899, SRT, “Respiratory Cycle Point”) = (F-20020, SRT, “During Expiration”)