AFI/GPeakSysSL_Endo(A2C) Alias: GPeakSysSL Endo(A2C)	**(GEU-106-0001, 99GEMS, "Global Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0129, 99GEMS, "AFI on Endocardium") (111031, DCM, "Image View") = (G-A19B, SRT, "Apical two chamber")**
AFI/GPeakSysSL_Endo(A4C) Alias: GPeakSysSL Endo(A4C)	**(GEU-106-0001, 99GEMS, "Global Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0129, 99GEMS, "AFI on Endocardium") (111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber")**
AFI/GPeakSysSL_Endo(APLAX) Alias: GPeakSysSL Endo(APLAX)	**(GEU-106-0001, 99GEMS, "Global Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0129, 99GEMS, "AFI on Endocardium") (111031, DCM, "Image View") = (G-0395, SRT, "Apical long axis")**
AFI/GPeakSysSL_Endo(Avg) Alias: GPeakSysSL Endo(Avg)	**(GEU-106-0001, 99GEMS, "Global Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0129, 99GEMS, "AFI on Endocardium")**
AFI/PSD Alias: PSD	**(GEU-106-0131, 99GEMS, "Peak Strain Dispersion")**	**(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI")**
AFI/PSD_ASE18 Alias: PSD ASE18	**(GEU-106-0131, 99GEMS, "Peak Strain Dispersion")**	**(R-4089A, SRT, "Cardiac Cycle Point")**

		= (F-32020, SRT, "Systole") (G-C036, SRT, "Measurement Method") = (GEU-106-0128, 99GEMS, "AFI with 18 segments following 2015 ASE recommendations")
AFI/PSD_ENDO Alias: PSD ENDO	(GEU-106-0131, 99GEMS, "Peak Strain Dispersion")	(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C036, SRT, "Measurement Method") = (GEU-106-0129, 99GEMS, "AFI on endocardium")
AFI/BA PeakSysSL Alias: BA PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (T-32619, SRT, "left ventricle basal anterior segment")
AFI/BAS PeakSysSL Alias: BAS PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-10075, SRT, "left

		ventricle basal anteroseptal segment")
AFI/BS PeakSysSL Alias: BS PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-10076, SRT, "left ventricle basal inferoseptal segment")
AFI/BI PeakSysSL Alias: BI PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (T-32615, SRT, "left ventricle basal inferior segment")
AFI/BP PeakSysSL Alias: BP PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-10079, SRT, "left ventricle basal inferolateral segment")

AFI/BL PeakSysSL Alias: BL PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-1007A, SRT, "left ventricle basal anterolateral segment")**
AFI/MA PeakSysSL Alias: MA PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (T-32617, SRT, "left ventricle mid anterior segment")**
AFI/MAS PeakSysSL Alias: MAS PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-10077, SRT, "left ventricle mid anteroseptal segment")**
AFI/MS PeakSysSL Alias: MS PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI")**

		(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-10078, SRT, "left ventricle mid inferoseptal segment")
AFI/MI PeakSysSL Alias: MI PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (T-32616, SRT, "left ventricle mid inferior segment")**
AFI/MP PeakSysSL Alias: MP PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (R-1007B, SRT, "left ventricle mid inferolateral segment")**
AFI/ML PeakSysSL Alias: ML PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")**

		(G-C0E3, SRT, "Finding Site") = (R-1007C, SRT, "left ventricle mid anterolateral segment")
AFI/AA PeakSysSL Alias: AA PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (T-32613, SRT, "left ventricle apical anterior segment")**
AFI/AAS PeakSysSL Alias: AAS PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (GEU-106-0026, 99GEMS, "left ventricle apical anteroseptal segment")**
AFI/AS PeakSysSL Alias: AS PeakSysSL	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (G-C0E3, SRT, "Finding Site") = (T-32614, SRT, "left**

		ventricle apical septal segment")
AFI/AI PeakSysSL **Alias: AI PeakSysSL**	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI")** **(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")** **(G-C0E3, SRT, "Finding Site") = (T-32618, SRT, "left ventricle apical inferior segment")**
AFI/AP PeakSysSL **Alias: AP PeakSysSL**	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI")** **(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")** **(G-C0E3, SRT, "Finding Site") = (GEU-106-0025, 99GEMS, "left ventricle apical posterior segment")**
AFI/AL PeakSysSL **Alias: AL PeakSysSL**	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0018, 99GEMS, "AFI")** **(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")** **(G-C0E3, SRT, "Finding Site") = (T-3261C, SRT, "left ventricle apical lateral segment")**

4DAutoLAQ/Vmin Alias: 4DAutoLAQ Vmin	**(GEU-106-0123, 99GEMS, "Left Atrium minimal volume by 4D LA quantification tool")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/Vmax Alias: 4DAutoLAQ Vmax	**(G-0383, SRT, "Left Atrium Systolic Volume")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/VpreA Alias: 4DAutoLAQ VpreA	**(GEU-106-0124, 99GEMS, "Left Atrium volume at preA time by 4D LA quantification tool")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/GLS_R Alias: 4DAutoLAQ GLS_R	**(GEU-106-0115, 99GEMS, "Left Atrium global longitudinal strain in reservoir phase")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/GLS_CD Alias: 4DAutoLAQ GLS_CD	**(GEU-106-0116, 99GEMS, "Left Atrium global longitudinal strain in conduit phase")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/GLS_CT Alias: 4DAutoLAQ GLS_CT	**(GEU-106-0117, 99GEMS, "Left Atrium global longitudinal strain in contractile phase")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/GCS_R Alias: 4DAutoLAQ GCS_R	**(GEU-106-0118, 99GEMS, "Left Atrium global circumferential strain in reservoir phase")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**

4DAutoLAQ/GCS_CD Alias: 4DAutoLAQ GCS_CD	**(GEU-106-0119, 99GEMS, "Left Atrium global circumferential strain in conduit phase")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/GCS_CT Alias: 4DAutoLAQ GCS_CT	**(GEU-106-0120, 99GEMS, "Left Atrium global circumferential strain in contractile phase")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/EV Alias: 4DAutoLAQ EV	**(GEU-106-0121, 99GEMS, "Left Atrium Emptying Volume by 4D LA quantification tool")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
4DAutoLAQ/EF Alias: 4DAutoLAQ EF	**(GEU-106-0122, 99GEMS, "Left Atrium Emptying Fraction by 4D LA quantification tool")**	**(G-C036, SRT, "Measurement Method") = (GEU-106-0114, 99GEMS, "4D auto LA quantification tool")**
CardiacWork/CW(GWI) Alias: CW(GWI)	**(GEU-106-0062, 99GEMS, "Global Work Index")**	**(R-4089A, SRT, "Cardiac Cycle Point") = (G-0387, SRT, "Mitral Valve Closure to Opening Time") (G-C036, SRT, "Measurement Method") = (GEU-106-0061, 99GEMS, "MyocardialWork Quantification Tool")**
CardiacWork/CW(GCW) Alias: CW(GCW)	**(GEU-106-0063, 99GEMS, "Global Constructive Work")**	**(R-4089A, SRT, "Cardiac Cycle Point") = (G-0387, SRT, "Mitral Valve Closure to Opening Time") (G-C036, SRT, "Measurement Method") = (GEU-106-**

		0061, 99GEMS, "MyocardialWork Quantification Tool")
CardiacWork/CW(GWW) Alias: CW(GWW)	(GEU-106-0064, 99GEMS, "Global Wasted Work")	(R-4089A, SRT, "Cardiac Cycle Point") = (G-0387, SRT, "Mitral Valve Closure to Opening Time") (G-C036, SRT, "Measurement Method") = (GEU-106-0061, 99GEMS, "MyocardialWork Quantification Tool")
CardiacWork/CW(GWE) Alias: CW(GWE)	(GEU-106-0065, 99GEMS, "Global Work Efficiency")	(R-4089A, SRT, "Cardiac Cycle Point") = (G-0387, SRT, "Mitral Valve Closure to Opening Time") (G-C036, SRT, "Measurement Method") = (GEU-106-0061, 99GEMS, "MyocardialWork Quantification Tool")
CardiacWork/CW(BPS) Alias: CW(BPS)	(F-008EC, SRT, "Systolic Blood Pressure")	(G-C036, SRT, "Measurement Method") = (GEU-106-0061, 99GEMS, "MyocardialWork Quantification Tool")
CardiacWork/CW(BPD) Alias: CW(BPD)	(F-008ED, SRT, "Diastolic Blood Pressure")	(G-C036, SRT, "Measurement Method") = (GEU-106-0061, 99GEMS, "MyocardialWork Quantification Tool")
PV A Dur-MV A Dur Alias: PV A- PV D	(GEU-106-0070, 99GEMS, "Difference between the Pulmonary Vein A-wave duration and the	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)

	mitral inflow A-wave duration")	
PV A Dur/MV VTI Alias: PV A Dur/MV VTI	(GEU-106-0071, 99GEMS, "Ratio of Pulmonary Vein A-wave duration by Mitral Valve VTI")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
PV A Dur/MV A Dur Alias: PV A Dur/MV A Dur	(GEU-106-0072, 99GEMS, "Ratio of Pulmonary Vein A-wave duration by Mitral inflow A-wave duration")	(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)
MV Eprime/Aprime Septal Ratio/Calc Alias : E'/A' Septal	(G-037B, SRT, "Ratio of MV Peak Velocity to LV Peak Tissue Velocity E-Wave")	(G-C0E3, SRT, "Finding Site") = (SRT, G-0391, "Medial Mitral Annulus")
MV Eprime/Aprime Lateral Ratio/Calc Alias : E'/A' Lateral	(G-037B, SRT, "Ratio of MV Peak Velocity to LV Peak Tissue Velocity E-Wave")	(G-C0E3, SRT, "Finding Site") = (SRT, G-0392, "Lateral Mitral Annulus")
MV Aprime Septal Velocity Alias : A' Septal	(G-037C, SRT, "LV Peak Diastolic Tissue Velocity During Atrial Systole")	(G-C0E3, SRT, "Finding Site") = (SRT, G-0391, "Medial Mitral Annulus")
MV Aprime Lateral Velocity Alias : A' Lateral	(G-037C, SRT, "LV Peak Diastolic Tissue Velocity During Atrial Systole")	(G-C0E3, SRT, "Finding Site") = (SRT, G-0392, "Lateral Mitral Annulus")
MV Sprime Septal Velocity Alias : S' Septal	(G-037D, SRT, "Left Ventricular Peak Systolic Tissue Velocity")	(G-C0E3, SRT, "Finding Site") = (SRT, G-0391, "Medial Mitral Annulus")
MV Sprime Lateral Velocity Alias : S' Lateral	(G-037D, SRT, "Left Ventricular Peak Systolic Tissue Velocity")	(G-C0E3, SRT, "Finding Site") = (SRT, G-0392, "Lateral Mitral Annulus")

Section Right Ventricle

GEU Parameter ID (and corresponding alias)	Base Measurement Concept Name	Concept or Acquisition Context Modifier
TomTec/RVFunction/EDV Alias: RVEDV(TomTec)	(8822-3, LN, "Right Ventricular ED Volume")	(G-C036, SRT, "Measurement Method") = (GEU-106-0022, 99GEMS, "4D Right Ventricle Volume")
TomTec/RVFunction/ESV Alias: RVESV(TomTec)	(8824-5, LN, "Right Ventricular ES Volume")	(G-C036, SRT, "Measurement Method") = (GEU-106-0022, 99GEMS, "4D Right Ventricle Volume")
TomTec/RVFunction/SV Alias: RVSV(TomTec)	(F-32120, SRT, "Stroke Volume")	(G-C036, SRT, "Measurement Method") = (GEU-106-0022, 99GEMS, "4D Right Ventricle Volume")
TomTec/RVFunction/EF Alias: RVEF(TomTec)	(10231-9, LN, "RV Ejection Fraction")	(G-C036, SRT, "Measurement Method") = (GEU-106-0022, 99GEMS, "4D Right Ventricle Volume")
MM/RVOT Alias: RVOT	(G-038F, SRT, "Cardiovascular Orifice Diameter")	(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract") (G-0373, SRT, "Image Mode") = (G-0394, SRT, "M mode")
2D/RVEF(A-L A4C) Alias: RVEF A-L A4C	(F-02268, SRT, "Right Ventricular Ejection Fraction")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber")

		(G-C036, SRT, "Measurement Method") = (125205, DCM, "Area-Length Single Plane")
2D/RVEF(MOD A4C) Alias: RVEF MOD A4C	(F-02268, SRT, "Right Ventricular Ejection Fraction")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125208, DCM, "Method of Disks, Single Plane")
2D/RVOT Diam Alias: RVOT Diam	(G-038F, SRT, "Cardiovascular Orifice Diameter")	(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract") (G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode
2D/RVAWd Alias: RVAWd	(18153-7, LN, "Right Ventricular Anterior Wall Diastolic Thickness")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode
2D/RVAWs Alias: RVAWs	(18157-8, LN, "Right Ventricular Anterior Wall	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT,

	Systolic Thickness")	**"Doppler Color Flow") depending on scan mode**
2D/RVIDd **Alias: RVIDd**	**(20304-2, LN, "Right Ventricular Internal Diastolic Dimension")**	
2D/RVIDs **Alias: RVIDs**	**(20305-9, LN, "Right Ventricular Internal Systolic Dimension")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
2D/RVD Major **Alias: RV length**	**(G-A193, SRT, "Major Axis")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
2D/RVD Minor **Alias: RV mid diameter**	**(G-A194, SRT, "Minor Axis")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
2D/RVD Minor Base **Alias: RV base diameter**	**(80080-5, LN, "Right ventricular base Minor Axis at end diastole, 4-chamber view")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole") (111031, DCM, "Image View") =**

		(G-A19C, SRT, "Apical four chamber")
2D/RVA Diastole Alias: RVA Diastole	(GEU-106-0054, 99GEMS, "Right Ventricular Diastolic Area")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole")
2D/RVA Systole Alias: RVA Systole	(GEU-106-0055, 99GEMS, "Right Ventricular Systolic Area")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (R-4089A, SRT, "Cardiac Cycle Point") = (109070, DCM, "End Systole")
2D/RVOT Area Alias: RVOT Area	(G-038E, SRT, "Cardiovascular Orifice Area")	(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract") (G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode
2D/RV FAC Alias: RV FAC	(78175-7, LN, "Right ventricular Fraction area change by US 2D")	(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode")
4DAutoRVQ/EDV Alias: RV EDV	(8822-3, LN," Right Ventricular ED Volume")	(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode")

		(G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (R-4089A, SRT, "Cardiac Cycle Point") = (109022, DCM, "End Diastole")
4DAutoRVQ/ESV Alias: RV ESV	**(8824-5, LN, "Right Ventricular ES Volume")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")**
4DAutoRVQ/EF Alias: RV EF	**(F-02268, SRT, "Right Ventricular Ejection Fraction")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool")**
4DAutoRVQ/SV Alias: RV SV	**(F-02268, SRT, "Right Ventricular Stroke Volume")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement**

		Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool")
4DAutoRVQ/Dd_base Alias: RV Dd base	**(GEU-106-0049, 99GEMS, "RV basal minor axis at end diastole on A4C from 4D image")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (109022, DCM, "End Diastole")**
4DAutoRVQ/Dd_mid Alias: RV Dd mid	**(GEU-106-0050, 99GEMS, "RV mid-cavity minor axis at end diastole on A4C from 4D image")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle**

		Point") = (109022, DCM, "End Diastole")
4DAutoRVQ/Ld Alias: RV Ld	**(GEU-106-0051, 99GEMS, "RV major axis at end diastole on A4C from 4D image")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (109022, DCM, "End Diastole")**
4DAutoRVQ/FAC Alias: RV FAC	**(GEU-106-0053, 99GEMS, "RV FAC on user-selected from 4D image")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber")**
4DAutoRVQ/EDV_index Alias: RV EDV index	**(8822-3, LN, "Right Ventricular ED Volume)**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode")**

		(G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (R-4089A, SRT, "Cardiac Cycle Point") = (109022, DCM, "End Diastole") (121425, DCM, "Index") = (8277-6, LN, "Body Surface Area")
4DAutoRVQ/ESV_index Alias: RV ESV index	**(8824-5, LN, "Right Ventricular ES Volume")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV quantification tool") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole") (121425, DCM, "Index") = (8277-6, LN, "Body Surface Area")**
4DAutoRVQ/SV_index Alias: RV SV index	**(F-02268, SRT, "Right Ventricular Stroke Volume")**	**(G-0373, SRT, "Image Mode") = (125231, DCM, "3D mode") (G-C036, SRT, "Measurement Method") = (GEU-106-0048, 99GEMS, "4D auto RV**

		quantification tool") (121425, DCM, "Index") = (8277-6, LN, "Body Surface Area")
RVLd(A4C) Alias: RVLd(A4C)	(18078-6, LN, "Right Ventricular Major Axis Diastolic Dimension")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber")
RVAd(A4C) Alias: RVAd(A4C)	(G-A166, SRT, "Area")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32010, SRT, "Diastole")
RVEDV(A-L A4C) Alias: RVEDV A-L A4C	(8822-3, LN, "Right Ventricular ED Volume")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125205, DCM, "Area-Length Single Plane")
RVEDV(MOD A4C) Alias: RVEDV(MOD A4C)	(8822-3, LN, "Right Ventricular ED Volume")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125208, DCM, "Method of Disks, Single Plane")

RVLs(A4C) **Alias: RVLs(A4C)**	**(18079-4, LN, "Right Ventricular Major Axis Systolic Dimension")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber")**
RVAs(A4C) **Alias: RVAs(A4C)**	**(G-A166, SRT, "Area")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")**
RVESV(A-L A4C) **Alias: RVESV A-L A4C**	**(8824-5, LN, "Right Ventricular ES Volume")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125205, DCM, "Area-Length Single Plane")**
RVESV(MOD A4C) **Alias: RVESV(MOD A4C)**	**(8824-5, LN, "Right Ventricular ES Volume")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125208, DCM, "Method of Disks, Single Plane")**
MM/RVIDd **Alias: RVIDd**	**(20304-2, LN, "Right Ventricular Internal Diastolic Dimension")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**

MM/RVIDs **Alias: RVIDs**	**(20305-9, LN, "Right Ventricular Internal Systolic Dimension")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/RVAWd **Alias: RVAWd**	**(18153-7, LN, "Right Ventricular Anterior Wall Diastolic Thickness")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/RVAWs **Alias: RVAWs**	**(18157-8, LN, "Right Ventricular Anterior Wall Systolic Thickness")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/RVPEP **Alias: RVPEP**	**(20301-8, LN, "Right Ventricle Pre Ejection Period")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/RVET **Alias: RVET**	**(20222-6, LN, "Ejection Time")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/RVPEP/ET Ratio **Alias: RVPEP ET Ratio**	**(59088-5, LN, "Right Ventricular Pre-ejection time/Ejection Time")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
Est RVSP **Alias: RVSP**	**(G-0380, SRT, "Right Ventricular Peak Systolic Pressure")**	
RVOT Vmax **Alias: RVOT Vmax**	**(11726-7, LN, "Peak Velocity")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**

RVOT Vmax P **Alias: RVOT Vmax**	**(11726-7, LN, "Peak Velocity")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT maxPG **Alias: RVOT maxPG**	**(20247-3, LN, "Peak Gradient")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT Vmean **Alias: RVOT Vmean**	**(20352-1, LN, "Mean Velocity")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT meanPG **Alias: RVOT meanPG**	**(20256-4, LN, "Mean Gradient")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT VTI **Alias: RVOT VTI**	**(20354-7, LN, "Velocity Time Integral")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT Env.Ti **Alias: RVOT Env.Ti**	**(GEU-106-0085, 99GEMS, "Time duration of the VTI trace on RVOT")**	**(G-0373, SRT, «Image Mode») = (R-409E4, SRT, «Doppler Pulsed»)**
RVOT HR **Alias: HR**	**(8867-4, LN, "Heart rate")**	
RVOT SV **Alias: RVOT SV**	**(F-32120, SRT, "Stroke Volume")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT SI **Alias: RVOT SI**	**(F-00078, SRT, "Stroke Index")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT,**

		"Right Ventricle Outflow Tract")
RVOT CO **Alias: RVOT CO**	**(F-32100, SRT, "Cardiac Output")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVOT CI **Alias: RVOT CI**	**(F-32110, SRT, "Cardiac Index")**	**(G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVET **Alias: RVET**	**(79929-6, LN, "Right Ventricular Ejection Time by US doppler")**	**(G-0373, SRT, "Image Mode") = (R-409E4, SRT, "Doppler Pulsed") or (G-0373, SRT, "Image Mode") = (R-409E3, SRT, "Doppler Continuous Wave") (G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVPEP **Alias: RVPEP**	**(20301-8, LN, "Right Ventricle Pre Ejection Period")**	**(G-0373, SRT, "Image Mode") = (R-409E4, SRT, "Doppler Pulsed") or (G-0373, SRT, "Image Mode") = (R-409E3, SRT, "Doppler Continuous Wave") (G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")**
RVPEP/ET Ratio **Alias: RVPEP/ET Ratio**	**(59088-5, LN, "Ventricular Pre Ejection**	**(G-0373, SRT, "Image Mode") =**

	Time/Ejection time by US")	(R-409E4, SRT, "Doppler Pulsed") (G-C0E3, SRT, "Finding Site") = (T-32550, SRT, "Right Ventricle Outflow Tract")
RIMP Alias: RIMP	(G-0381, SRT, "Right Ventricular Index of Myocardial Performance")	(G-C0E3, SRT, "Finding Site") = (T-32500, SRT, "Right Ventricle") (G-0373, SRT, "Image Mode") = (R-409E4, SRT, "Doppler Pulsed")
S' (Doppler) Alias: RV S'	(59133-9, LN, "Peak Tissue Velocity")	(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")
AFIRV/TAPSE Alias : TAPSE	(GEU-106-0030, 99GEMS, "Tricuspid Annular Plane Systolic Excursion (TAPSE)")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFIRV/GPeakSysSL(A4C_RV) Alias : GPeakSysSL(A4C_RV)	(GEU-106-0001, 99GEMS, "Global Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFIRV/GPeakSysSL(A4C_RVFW) Alias : GPeakSysSL(A4C_RVFW)	(GEU-106-0153, 99GEMS, "Longitudinal Strain on the	(G-C036, SRT, "Measurement Method") = (GEU,

	Freewall of the Right Ventricle")	GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFIRV/Basal FW PeakSysSL Alias : Basal FW PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0147, "Basal segment of the Freewall of the Right Ventricle") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Mid FW PeakSysSL Alias : Mid FW PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0148, "Mid segment of the Freewall of the Right Ventricle") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four

		chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Apical FW PeakSysSL Alias : Apical FW PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0149, "Apical segment of the Freewall of the Right Ventricle") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Apical IVS PeakSysSL Alias : Apical IVS PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0152, "Apical segment of the Intraventricular Septum") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT,

		"Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Mid IVS PeakSysSL Alias : Mid IVS PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0151, "Mid segment of the Intraventricular Septum") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Basal IVS PeakSysSL Alias : Basal IVS PeakSysSL	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0150, "Basal segment of the Intraventricular Septum") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle

		Point") = (SRT, F-32020, "Systole")
AFIRV/GPeakSysSL_Endo(A4C_RV) Alias : GPeakSysSL Endo(A4C_RV)	(GEU-106-0001, 99GEMS, "Global Peak Longitudinal Strain")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFIRV/GPeakSysSL_Endo(A4C_RVFW) Alias : GPeakSysSL Endo(A4C_RVFW)	(GEU-106-0153, 99GEMS, "Longitudinal Strain on the Freewall of the Right Ventricle")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")
AFIRV/Basal FW PeakSysSL_Endo Alias : Basal FW PeakSysSL Endo	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0147, "Basal segment of the Freewall of the Right Ventricle") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle

		Point") = (SRT, F-32020, "Systole")
AFIRV/Mid FW PeakSysSL_Endo Alias : Mid FW PeakSysSL Endo	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0148, "Mid segment of the Freewall of the Right Ventricle") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Apical FW PeakSysSL_Endo Alias : Apical FW PeakSysSL Endo	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0149, "Apical segment of the Freewall of the Right Ventricle") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle

		Point") = (SRT, F-32020, "Systole")
AFIRV/Apical IVS PeakSysSL_Endo Alias : Apical IVS PeakSysSL Endo	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0152, "Apical segment of the Intraventricular Septum") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")
AFIRV/Mid IVS PeakSysSL_Endo Alias : Mid IVS PeakSysSL Endo	(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")	(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0151, "Mid segment of the Intraventricular Septum") (G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle

		Point") = (SRT, F-32020, "Systole")
AFIRV/Basal IVS PeakSysSL_Endo **Alias : Basal IVS PeakSysSL Endo**	**(GEU-106-0002, 99GEMS, "Peak Longitudinal Strain")**	**(G-C0E3, SRT, "Finding Site") = (GEU, GEU-106-0150, "Basal segment of the Intraventricular Septum")** **(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0129, "AFI on endocardium")** **(111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber")** **(R-4089A, SRT, "Cardiac Cycle Point") = (SRT, F-32020, "Systole")**
2D/RV FAC General **Alias : RV FAC**	**(79936-1, LN, "Right ventricular Fractional Area Change")**	
2D/RV/LV Basal Ratio **Alias: RV/LV Basal Ratio**	**(**GEU-106-0180, 99Gems, "RV/LV basal diameter ratio")	**(G-0373, SRT, "Image Mode")= (G-03A2, SRT, "2D mode")** **(R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole")** **(G-C0E3, SRT, "Finding Site") = (GEU-106-0182, 99Gems, "LV base level")** **(111031, DCM,**

		"Image View") = (G-A19C, SRT, "Apical four chamber")

Section Left Atrium

GEU Parameter ID (and corresponding alias)	Base Measurement Concept Name	Concept or Acquisition Context Modifier
2D/Ao/LA **Alias: Ao/LA**	**(17985-3, LN, "Left Atrium to Aortic Root Ratio")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
MM/Ao/LA **Alias: Ao/LA**	**(17985-3, LN, "Left Atrium to Aortic Root Ratio")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/LAAo/LA/Ao **Alias: LA/Ao**	**(17985-3, LN, "Left Atrium to Aortic Root Ratio")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
MM/LAAo/Ao/LA **Alias: Ao/LA**	**(17985-3, LN, "Left Atrium to Aortic Root Ratio")**	**(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)**
2D/LA Major **Alias: LA Major**	**(G-A193, SRT, "Major Axis")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow")**

		depending on scan mode
2D/LA Minor **Alias: LA Minor**	**(G-A194, SRT, "Minor Axis")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
2D/LA **Alias: LA Diam**	**(M-02550, SRT, "Diameter")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
2D/LA D1 **Alias: LA Diam 1**	**(GEU-106-0092, 99GEMS, "Left atrium diameter 1 in LA Ellipsoid Volume")**	
2D/LA D2 **Alias: LA Diam 2**	**(GEU-106-0093, 99GEMS, "Left atrium diameter 2 in LA Ellipsoid Volume")**	
2D/LA D3 **Alias: LA Diam 3**	**(GEU-106-0094, 99GEMS, "Left atrium diameter 3 in LA Ellipsoid Volume")**	
2D/LA SupInf D **Alias: LA SupInf D**	**(GEU-106-0095, 99GEMS, "Left Atrium**	

	Superior-Inferior Diameter")	
2D/LA MedLat D **Alias: LA MedLat D**	**(GEU-106-0096, 99GEMS, "Left Atrium Medial-Lateral Diameter")**	
2D/LA AntPost D **Alias: LA AntPost D**	**(29469-4, LN, "Left Atrium Antero-posterior Systolic Dimension")**	
2D/LAA Systole **Alias: LAA Systole**	**(17977-0, LN, "Left Atrium Systolic Area")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")**
2D/LAA Diastole **Alias: LAA Diastole**	**(GEU-106-0058, 99GEMS, "Left Atrium Area at diastole")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") (R-4089A, SRT, "Cardiac Cycle Point") = (F-32010, SRT, "Diastole")**
2D/LA/Ao **Alias: LA/Ao**	**(17985-3, LN, "Left Atrium to Aortic Root Ratio")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color**

		Flow") depending on scan mode
2D/LA Area **Alias: LA Area**	**(G-A166, SRT, "Area")**	**(G-0373, SRT, "Image Mode") = (G-03A2, SRT, "2D mode") or (R-409E2, SRT, "Doppler Color Flow") depending on scan mode**
2D/LAvol/Ravol **Alias: Lavol Ravol Ratio**	**(59131-3, LN, "Left Atrium volume/Right Atrium volume")**	
2D/LA Volume **Alias: LA Volume**	**(GEU-106-0097, 99GEMS, "Left Atrium volume by Ellipsoid Method")**	
2D/LA Ellipsoid Volume **Alias: LA Ellipsoid Volume**	**(GEU-106-0097, 99GEMS, "Left Atrium volume by Ellipsoid Method")**	
LALd(A4C) **Alias: LALd A4C**	**(29467-8, LN, "Left Atrium Superior-Inferior Dimension, 4-chamber view")**	**(R-4089A, SRT, "Cardiac Cycle Point") = (F-32010, SRT, "Diastole")**
LAAd(A4C) **Alias: LAAd A4C**	**(17977-0, LN, "Left Atrium Area A4C view")**	**(R-4089A, SRT, "Cardiac Cycle Point") = (F-32010, SRT, "Diastole")**

LAEDV(A-L A4C) **Alias: LAEDV A-L A4C**	**(122407, DCM, "Left Atrial End Diastolic Volume")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125205, DCM, "Area-Length Single Plane")**
LAESV(A-L A4C) **Alias: LAESV A-L A4C**	**(G-0383, SRT, "Left Atrium Systolic Volume")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125205, DCM, "Area-Length Single Plane")**
LAEDV(MOD A4C) **Alias: LAEDV MOD A4C**	**(122407, DCM, "Left Atrial End Diastolic Volume")**	**(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125208, DCM, "Method of Disks, Single Plane")**
LALs(A4C) **Alias: LALs A4C**	**(29467-8, LN, "Left Atrium Superior-Inferior Dimension, 4-chamber view")**	**(R-4089A, SRT, "Cardiac Cycle Point") = (F-32020, SRT, "Systole")**
LAAs(A4C) **Alias: LAAs A4C**	**(17977-0, LN, "Left Atrium**	**(R-4089A, SRT, "Cardiac Cycle Point") = (F-**

	Area A4C view")	32020, SRT, "Systole")
LAESV(MOD A4C) Alias: LAESV MOD A4C	(G-0383, SRT, "Left Atrium Systolic Volume")	(111031, DCM, "Image View") = (G-A19C, SRT, "Apical four chamber") (G-C036, SRT, "Measurement Method") = (125208, DCM, "Method of Disks, Single Plane")
LALd(A2C) Alias: LALd A2C	(GEU-106-0102, 99GEMS, "Left Atrium Length on Apical two chamber view")	(R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole") (111031, DCM, "Image View") = (G-A19B, SRT, "Apical two chamber")
LALs(A2C) Alias: LALs A2C	(GEU-106-0102, 99GEMS, "Left Atrium Length on Apical two chamber view")	(R-4089A, SRT, "Cardiac Cycle Point") = (109070, DCM, "End Systole") (111031, DCM, "Image View") = (G-A19B, SRT, "Apical two chamber")
LAAd(A2C) Alias: LAAd A2C	(GEU-106-0103, 99GEMS, "Left Atrium Area on Apical two chamger view")	(R-4089A, SRT, "Cardiac Cycle Point") = (F-32011, SRT, "End Diastole") (111031, DCM, "Image View") = (G-A19B,

		SRT, “Apical two chamber”)
LAAs(A2C) Alias: LAAs A2C	(GEU-106-0103, 99GEMS, “Left Atrium Area on Apical two chamger view”)	(R-4089A, SRT, “Cardiac Cycle Point”) = (109070, DCM, “End Systole”) (111031, DCM, “Image View”) = (G-A19B, SRT, “Apical two chamber”)
LAEDV(A-L A2C) Alias: LAEDV A-L A2C	(122407, DCM, “Left Atrial End Diastolic Volume”)	(111031, DCM, “Image View”) = (G-A19B, SRT, “Apical two chamber”) (G-C036, SRT, “Measurement Method”) = (125205, DCM, “Area-Length Single Plane”)
LAEDV(MOD A2C) Alias: LAEDV MOD A2C	(122407, DCM, “Left Atrial End Diastolic Volume”)	(111031, DCM, “Image View”) = (G-A19B, SRT, “Apical two chamber”) (G-C036, SRT, “Measurement Method”) = (125208, DCM, “Method of Disks, Single Plane”)
LAESV(A-L A2C) Alias: LAESV A-L A2C	(G-0383, SRT, “Left Atrium Systolic Volume”)	(111031, DCM, “Image View”) = (G-A19B, SRT, “Apical two chamber”) (G-C036, SRT, “Measurement Method”) =

		(125205, DCM, "Area-Length Single Plane")
LAESV(MOD A2C) Alias: LAESV MOD A2C	(G-0383, SRT, "Left Atrium Systolic Volume")	(111031, DCM, "Image View") = (G-A19B, SRT, "Apical two chamber") (G-C036, SRT, "Measurement Method") = (125208, DCM, "Method of Disks, Single Plane")
MM/LA/Ao Alias: LA/Ao	(17985-3, LN, "Left Atrium to Aortic Root Ratio")	(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)
MM/LA Alias: LA Diam	(29469-4, LN, "Left Atrium Antero-posterior Systolic Dimension")	(G-0373, SRT, «Image Mode») = (G-0394, SRT, «M mode»)
2D/LAEDV(A-L) Alias: LAEDV(A-L)	(122407, DCM, "Left Atrial End Diastolic Volume")	(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") = (125204, DCM, "Area-Length Biplane")

2D/LAEDVI(A-L) **Alias: LAEDV Index (A-L)**	**(GEU-106-0027, 99GEMS, "Left Atrial End Diastolic Volume Index")**	**(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") = (125204, DCM, "Area-Length Biplane")**
2D/LAESV(A-L) **Alias: LAESV(A-L)**	**(G-0383, SRT, "Left Atrium Systolic Volume")**	**(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") = (125204, DCM, "Area-Length Biplane")**
LAEDV(MOD BP) **Alias: LAEDV(MOD BP)**	**(122407, DCM, "Left Atrial End Diastolic Volume")**	**(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") = (125207, DCM, "Method of Disks, Biplane")
LAESV(MOD BP) **Alias: LAESV(MOD BP)**	**(G-0383, SRT, "Left Atrium Systolic Volume")**	**(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") = (125207, DCM, "Method of Disks, Biplane")**
SD/Laappendix Vmax **Alias: Laappendix Vmax**	**(29486-8, LN, "Left Atrial Appendage Peak Velocity")**	
AFILA/2DLA_ReservoirStrain_R_Wave(A4C) **Alias : 2DLA_ReservoirStrain_R_Wave(A4C)**	**(GEU-106-0161, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG R-wave")**	**(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0158, "Reservoir phase of the left atrium")**

AFILA/2DLA_ConduitStrain_R_Wave(A4C) Alias : 2DLA_ConduitStrain_R_Wave(A4C)	(GEU-106-0161, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0159, "Conduit phase of the left atrium")
AFILA/2DLA_ContractileStrain_R_Wave(A4C) Alias : 2DLA_ContractileStrain_R_Wave(A4C)	(GEU-106-0161, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0160, "Contractile phase of the left atrium")
AFILA/2DLA_ReservoirStrain_P_Wave(A4C) Alias : 2DLA_ReservoirStrain_P_Wave(A4C)	(GEU-106-0162, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View")

		= (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0158, "Reservoir phase of the left atrium")
AFILA/2DLA_ConduitStrain_P_Wave(A4C) Alias : 2DLA_ConduitStrain_P_Wave(A4C)	(GEU-106-0162, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0159, "Conduit phase of the left atrium")
AFILA/2DLA_ContractileStrain_P_Wave(A4C) Alias : 2DLA_ContractileStrain_P_Wave(A4C)	(GEU-106-0162, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19C, "Apical four chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0160, "Contractile

		phase of the left atrium")
AFILA/2DLA_ReservoirStrain_R_Wave(A2C) Alias : 2DLA_ReservoirStrain_R_Wave(A2C)	(GEU-106-0161, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0158, "Reservoir phase of the left atrium")
AFILA/2DLA_ConduitStrain_R_Wave(A2C) Alias : 2DLA_ConduitStrain_R_Wave(A2C)	(GEU-106-0161, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0159, "Conduit phase of the left atrium")
AFILA/2DLA_ContractileStrain_R_Wave(A2C) Alias : 2DLA_ContractileStrain_R_Wave(A2C)	(GEU-106-0161, 99GEMS, "Longitudinal Strain of the Left Atrium	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI")

	with 0 strain at ECG R-wave")	(111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0160, "Contractile phase of the left atrium")
AFILA/2DLA_ReservoirStrain_P_Wave(A2C) Alias : 2DLA_ReservoirStrain_P_Wave(A2C)	(GEU-106-0162, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0158, "Reservoir phase of the left atrium")
AFILA/2DLA_ConduitStrain_P_Wave(A2C) Alias : 2DLA_ConduitStrain_P_Wave(A2C)	(GEU-106-0162, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU,

		GEU-106-0159, "Conduit phase of the left atrium")
AFILA/2DLA_ContractileStrain_P_Wave(A2C) Alias : 2DLA_ContractileStrain_P_Wave(A2C)	(GEU-106-0162, 99GEMS, "Longitudinal Strain of the Left Atrium with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0160, "Contractile phase of the left atrium")
AFILA/2DLA_ReservoirStrain_R_Wave(BiP) Alias : 2DLA_ReservoirStrain_R_Wave(BiP)	(GEU-106-0163, 99GEMS, "Longitudinal Strain of the Left Atrium from biplane measurements with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0158, "Reservoir phase of the left atrium")
AFILA/2DLA_ConduitStrain_R_Wave(BiP) Alias : 2DLA_ConduitStrain_R_Wave(BiP)	(GEU-106-0163, 99GEMS, "Longitudinal Strain of the Left Atrium from biplane measurements with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU,

		GEU-106-0159, "Conduit phase of the left atrium")
AFILA/2DLA_ContractileStrain_R_Wave(BiP) Alias : 2DLA_ContractileStrain_R_Wave(BiP)	(GEU-106-0163, 99GEMS, "Longitudinal Strain of the Left Atrium from biplane measurements with 0 strain at ECG R-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0160, "Contractile phase of the left atrium")
AFILA/2DLA_ReservoirStrain_P_Wave(BiP) Alias : 2DLA_ReservoirStrain_P_Wave(BiP)	(GEU-106-0164, 99GEMS, "Longitudinal Strain of the Left Atrium from biplane measurements with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0158, "Reservoir phase of the left atrium")
AFILA/2DLA_ConduitStrain_P_Wave(BiP) Alias : 2DLA_ConduitStrain_P_Wave(BiP)	(GEU-106-0164, 99GEMS, "Longitudinal Strain of the Left Atrium from biplane measurements with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0159, "Conduit phase of the left atrium")

AFILA/2DLA_ContractileStrain_P_Wave(BiP) Alias : 2DLA_ContractileStrain_P_Wave(BiP)	(GEU-106-0164, 99GEMS, "Longitudinal Strain of the Left Atrium from biplane measurements with 0 strain at ECG P-wave")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (R-4089A, SRT, "Cardiac Cycle Point") = (GEU, GEU-106-0160, "Contractile phase of the left atrium")
AFILA/2DLA_EF(A2C) Alias : 2DLA_EF(A2C)	(GEU-106-0165, 99GEMS, "Left Atrium Emptying Fraction by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber")
AFILA/2DLA_EV(A2C) Alias : 2DLA_EV(A2C)	(GEU-106-0166, 99GEMS, "Left Atrium Emptying Volume by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View") = (SRT, G-A19B, "Apical two chamber")
AFILA/2DLA_Vmax(A2C) Alias : 2DLA_Vmax(A2C)	(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-

		A19B, "Apical two chamber")
AFILA/2DLA_Vmin(A2C) Alias : 2DLA_Vmin(A2C)	(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-A19B, "Apical two chamber")
AFILA/2DLA_VpreA(A2C) Alias : 2DLA_VpreA(A2C)	(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-A19B, "Apical two chamber")
AFILA/2DLA_EF(A4C) Alias : 2DLA_EF(A4C)	(GEU-106-0165, 99GEMS, "Left Atrium Emptying Fraction 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_EV(A4C) Alias : 2DLA_EV(A4C)	(GEU-106-0166, 99GEMS, "Left Atrium Emptying Volume by speckle tracking")	(G-C036, SRT, "Measurement Method") = (GEU, GEU-106-0018, "AFI") (111031, DCM, "Image View")