Overview

A Normals database is used to assess a patient's radiotracer distribution (e.g., perfusion) as compared to a normal distribution. It is customary to generate specific . Normal databases based on radiopharmaceutical, gender, acquisition and processing protocols. To ensure accurate quantitative analysis, it is recommended that a Normals database appropriate for the patient's datasets be used.

In the construction of all of the 4DM databases, the heart was normalized to the peak intensity in the entire myocardium. Parameter information for each 4DM supplied Database can be reviewed with the activated DB Generator workflow screen but cannot be edited. Within this reference guide the user will be able to fi 4DM supplied Normals databases sorted by Camera/Vendor Specific with a brief description of what it contains, protocols it supports and the database name within 4DM.

Note: in the PROTOCOL column DIFF = Difference, NH = NH3, REVER = Reversibility, Rb = Rb-82, Tc = Tc-99m, and Tl = Tl-201.

General Purpose Radiopharmaceutical Databases

These databases can be used for any imaging system as long as the specific protocol is supported.

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
DIFF-NC	Comparison database for **DIFF12** 2-study comparison maps. DIFF12 represents the results of polar map 1 minus polar map 2. NOTE This database was not constructed from patient data. It is spatially uniform with a mean of 0.0% and a standard deviation (σ) of 4.0. Using a threshold of 2.5σ (default) will provide a uniform defect threshold of 10%.	• Any protocol with the knowledge of the NOTE to the left	**V-DIFF12/NC**
DIFF-NC	Comparison database for **DIFF21** 2-study comparison maps. DIFF21 represents the results of polar map 2 minus polar map 1. NOTE This database was not constructed from patient data. It is spatially uniform with a mean of 0.0% and a standard deviation (σ) of 4.0. Using a threshold of 2.5σ (default) will provide a uniform defect threshold of 10%.	• Any protocol with the knowledge of the NOTE to the left	**V-DIFF21/NC**

General Purpose Radiopharmaceutical Databases

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
FDG	**FDG Statistical** database used for comparison purposes only. This database is used for the identification of the viable myocardium based on an FDG study normalized to a resting perfusion study. NOTE This database was not constructed from patient data. It is spatially uniform with a mean of 75.0% and a standard deviation (σ) of 10.0. Using a threshold of 2.5σ (default) will provide a uniform defect threshold of 50%.	• Any protocol with the knowledge of the NOTE to the left	**V-FDGU75,10**
NH-AC	**Nitrogen-13 Ammonia (NH3)** database specific to **attenuation corrected** reconstructed images for **both male and female** patients. This database is independent of reconstruction algorithm and other corrections (e.g. scatter).	• Nitrogen-13 Ammonia PET Protocol	**V-NH3/All** **USAGE** This database should only be used for attenuation corrected studies reconstructed from PET NH3 data.
REVER	Comparison database for **Reversibility** maps. These databases are used to identify areas of ischemia based on a comparison of stress and rest myocardial perfusion studies. NOTE These databases were not constructed from patient data. Each is spatially uniform with a mean of 0.0% and a standard deviation (σ) of 4.0. Using a threshold of 2.5σ (default) will provide a uniform threshold of 10%.	• Any protocol with the knowledge of the NOTE to the left	**V-REVER/NC** **V-REVER/AC** **V-REVER/CTAC**

General Purpose Radiopharmaceutical Databases

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Rb-AC	**Rubidium-82 (Rb-82)** database specific to **attenuation corrected** reconstructed images for **female** patients. This database is independent of reconstruction algorithm and other corrections (e.g. scatter).	• Rb-82 PET Protocol	**V-RB82/All/F** **USAGE** This database should only be used for attenuation corrected **FEMALE** studies reconstructed from PET Rb-82 data.
Rb-AC	**Rubidium-82 (Rb-82)** database specific to **attenuation corrected** reconstructed images for **male** patients. This database is independent of reconstruction algorithm and other corrections (e.g. scatter).	• Rb-82 PET Protocol	**V-RB82/All/M** **USAGE** This database should only be used for attenuation corrected **MALE** studies reconstructed from PET Rb-82 data.
Tc-NC	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to **uncorrected (NC) female** patients. Reconstruction algorithm is specific to filtered backprojection (FBP). This database has perfusion and functional information; thus, it can be used for gated and ungated studies.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V2-GSRD/TC/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** studies reconstructed with FBP from data acquired from RAO-to-LPO.
Tc-NC	Database for **Tc-99m Sestamibi or Tetrofosmin** tracers specific to **uncorrected (NC) male** patients. Reconstruction algorithm is specific to filtered backprojection (FBP). This database has perfusion and functional information; thus, it can be used for gated and ungated studies.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V2-GSRD/TC/NC/M** **USAGE** This database should only be used for uncorrected **MALE** studies reconstructed with FBP from data acquired from RAO-to-LPO.

General Purpose Radiopharmaceutical Databases

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Tl-NC	**Tl-201** database specific to **uncorrected (NC) female** patients. Reconstruction algorithm is specific to filtered backprojection (FBP). This database can only be used for analysis of the perfusion data.	• Stress, rest, delay, or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: supine	**V-SRD/TL/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** studies reconstructed with FBP from data acquired from RAO-to-LPO.
Tl-NC	**Tl-201** database specific to **uncorrected (NC)** male patients. Reconstruction algorithm is specific to filtered backprojection (FBP). This database can only be used for analysis of the perfusion data.	• Stress, rest, delay, or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: supine	**V-SRD/TL/NC/M** **USAGE** This database should only be used for uncorrected **MALE** studies reconstructed with FBP from data acquired from RAO-to-LPO.
Rb-CFR	Rubidium-82 (Rb-82) database specific to coronary flow reserve protocols for both male and female patients. This database is specific to attenuation corrected dynamic datasets processed with the ROI Lortie flow model. It is independent of reconstruction algorithm and other corrections (e.g. scatter)	• Rb-82 PET CFR Protocol	**V-CFR/RB82/ROI/All** **V-MBF/S/RB82/ROI/M** **V-MBF/S/RB82/ROI/F** **V-MBF/R/RB82/ROI/M** **V-MBF/R/RB82/ROI/F**
NH-CFR	Nitrogen-13 Ammonia (NH3) database specific to coronary flow reserve protocols for both male and female patients. This database is specific to attenuation corrected dynamic datasets processed with the ROI 1:1 flow model. It is independent of reconstruction algorithm and other corrections (e.g. scatter)	• Nitrogen-13 Ammonia PET CFR Protocol	**V-CFR/NH3/ROI/All** **V-MBF/S/NH3/ROI/M** **V-MBF/S/NH3/ROI/F** **V-MBF/R/NH3/ROI/M** **V-MBF/R/NH3/ROI/F**

Camera or Vendor Specific Databases: DI

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
nSPEED **Tc-NC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Digirad's **nSPEED** for **uncorrected (NC) female** patients. Reconstruction method for this database is Iterative Reconstruction using nSPEED.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: upright	**V-nSPEED/TC/IR3D/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** studies reconstructed with **Digirad Iterative Reconstruction using nSPEED**.
nSPEED **Tc-NC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Digirad's **nSPEED** for **uncorrected (NC) male** patients. Reconstruction method for this database is Iterative Reconstruction using nSPEED.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: upright	**V-nSPEED/TC/IR3D/NC/M** **USAGE** This database should only be used for uncorrected **MALE** studies reconstructed with **Digirad Iterative Reconstruction using nSPEED**.
X•ACT **Tc-CTAC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Digirad's **cardiusx•act** for **female** patients. Reconstruction method for this database is Iterative Reconstruction using Digirad's **nSPEED**; These studies are then corrected using **CT based attenuation correction (CTAC)**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: upright	**V-XACT/TC/CTAC/F** **USAGE** This database should only be used for **Female** studies reconstructed with CT Attenuation Corrected nSPEED **FEMALE** data acquired on the **Digirad X•ACT imaging system**.
X•ACT **Tc-CTAC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Digirad's **cardiusx•act** for **male** patients. Reconstruction method for this database is Iterative Reconstruction using Digirad's **nSPEED**; These studies are then corrected using **CT based attenuation correction (CTAC)**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: upright	**V-XACT/TC/CTAC/M** **USAGE** This database should only be used for **MALE** studies reconstructed with CT Attenuation Corrected nSPEED **MALE** data acquired on the **Digirad X•ACT imaging system**.

Camera or Vendor Specific Databases: GE

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Discovery 530c Alcyone **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to GE **Discovery 530c Alcyone** for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-Alcyone/TC/NC/F** **USAGE** This database should only be used for **FEMALE** Tc99m labeled studies which were acquired on a **GE Discovery 530c Alcyone** SPECT system and reconstructed incorporating **Evolution Iterative Reconstruction.**
Discovery 530c Alcyone **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to GE **Discovery 530c Alcyone** for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-Alcyone/TC/NC/M** **USAGE** This database should only be used for **MALE** Tc99m labeled studies which were acquired on a **GE Discovery 530c Alcyone** SPECT system and reconstructed incorporating **Evolution Iterative Reconstruction.**
Discovery 530c Alcyone **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to GE **Discovery 530c Alcyone** for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: prone	**V-Alcyone/TC/NC/F/P** **USAGE** This database should only be used for **FEMALE** Tc99m labeled studies which were acquired on a **GE Discovery 530c Alcyone** SPECT system and reconstructed incorporating **Evolution Iterative Reconstruction.**

Camera or Vendor Specific Databases: GE

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Discovery 530c Alcyone **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to GE **Discovery 530c Alcyone** for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: prone	**V-Alcyone/TC/NC/M/P** **USAGE** This database should only be used for **MALE** Tc99m labeled studies which were acquired on a **GE Discovery 530c Alcyone** SPECT system and reconstructed incorporating **Evolution Iterative Reconstruction.**
Evolution **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to GE **Evolution** for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-Evolution/TC/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** Tc99m studies reconstructed with **GE Evolution Iterative Reconstruction.**
Evolution **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to GE **Evolution** for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-Evolution/TC/NC/M** **USAGE** This database should only be used for uncorrected **MALE** Tc99m studies reconstructed with **GE Evolution Iterative Reconstruction.**

Camera or Vendor Specific Databases: HERMES*

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Hermes Tc-NC	Database for **Tc-99m** tracers specific to the Hermes **FBP reconstruction** for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol. • Stress study in a dual isotope protocol. • Patient position: supine	**V-HW/TC/NC/M**
Hermes Tc-NC	D Database for **Tc-99m** tracers specific to the Hermes **FBP reconstruction** for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol. • Stress study in a dual isotope protocol. • Patient position: supine	**V-HW/TC/NC/F**
Hermes Tc-NC	Database for **Tc-99m** tracers specific to the Hermes **IR3D reconstruction** for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol. • Stress study in a dual isotope protocol. • Patient position: upright	**V2-HW/TC/IR/NC/M**
Hermes Tc-NC	Database for **Tc-99m** tracers specific to Hermes **IR3D reconstruction** for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol. • Stress study in a dual isotope protocol. • Patient position: upright	**V2-HW/TC/IR/NC/F**

**Contact INVIA Customer Support by phone (734)205-1231 or email support@inviasolutions.com for more information.*

Camera or Vendor Specific Databases: HERMES*

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Hermes Tc-CTAC and SC	Database for **Tc-99m** tracers specific to the Hermes **IR3D reconstruction** corrected for **scatter (SC)** and **attenuation (AC)**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol. • Stress study in a dual isotope protocol. • Patient position: upright	**V2-HW/TC/IR/SC/CTAC**

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Camera or Vendor Specific Databases: PHILIPS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Astonish **Tc-NC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Philips **Astonish** for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V2-Astonish/TC/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** Tc-99m studies reconstructed with **Philips Astonish Iterative Reconstruction**.
Astonish **Tc-NC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Philips **Astonish** for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V2-Astonish/TC/NC/M** **USAGE** This database should only be used for uncorrected **MALE** Tc-99m studies reconstructed with **Philips Astonish Iterative Reconstruction**.
Astonish **Tc-AC**	Database for a **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Philips **Astonish** for **attenuation corrected(AC) male and female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-Astonish/TC/All** **USAGE** This database should only be used for studies reconstructed with **Philips Astonish Iterative Reconstruction** with correction for photon attenuation.

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
C.CAM Flash3D **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **C.CAM** for **female** patients. Reconstruction algorithm is specific to Siemens Iterative Reconstruction using **Flash3D**. This database can only be used for analysis of the perfusion data.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: incline	**V-CCAM/TC/Flash3D/F** **USAGE** This database should only be used for **FEMALE** studies reconstructed with Flash 3D data acquired on the **Siemens C.CAM imaging system**.
C.CAM Flash 3D **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **C.CAM** for **male** patients. Reconstruction algorithm is specific to Siemens Iterative Reconstruction using **Flash3D**. This database can only be used for analysis of the perfusion data.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: incline	**V-CCAM/TC/Flash3D/M** **USAGE** This database should only be used for **MALE** studies reconstructed with Flash 3D data acquired on the **Siemens C.CAM imaging system**.
C.CAM **Tc-AC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **C.CAM** for **female** patients. Reconstruction algorithm is specific to Siemens Iterative Reconstruction using **Flash3D** method for **attenuation corrected (AC)** female patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: incline	**V-C.CLEAR/TC/AC3D/F** **USAGE** This database should only be used for **FEMALE** studies reconstructed with Attenuated Correction Flash 3D (AC3D) data acquired on the **Siemens C.CAM imaging system**.
C.CAM **Tc-AC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **C.CAM** for **male** patients. Reconstruction algorithm is specific to Siemens Iterative Reconstruction using **Flash3D** method for **attenuation corrected (AC)** male patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: incline	**V-C.CLEAR/TC/AC3D/M** **USAGE** This database should only be used for **MALE** studies reconstructed with Attenuated Correction Flash 3D (AC3D) data acquired on the **Siemens C.CAM imaging system**.

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
C.CAM **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to **uncorrected (NC) female** patients acquired on the Siemens **C.CAM** imaging system. Reconstruction algorithm is specific to filtered backprojection (FBP). This database has perfusion and functional information; thus, it can be used for gated and ungated studies.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: incline	**V-CCAM/TC/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** studies reconstructed with FBP from data acquired on the **Siemens C.CAM imaging system**.
C.CAM **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** database specific to **uncorrected (NC) male** patients acquired on the Siemens **C.CAM** imaging system. Reconstruction algorithm is specific to filtered backprojection (FBP). This database has perfusion and functional information; thus, it can be used for gated and ungated studies.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: incline	**V-CCAM/TC/NC/M** **USAGE** This database should only be used for uncorrected **MALE** studies reconstructed with FBP from data acquired on the **Siemens C.CAM imaging system**.
C.CAM **Tl-NC**	**Tl-201** database specific to **uncorrected (NC) female** patients acquired on the Siemens **C.CAM** imaging system. Reconstruction algorithm is specific to filtered backprojection (FBP). This database can only be used for analysis of the perfusion data.	• Stress, rest, delay or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: incline	**V-CCAM/TL/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** studies reconstructed with FBP from data acquired on the **Siemens C.CAM imaging system**.

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
C.CAM **Tl-NC**	**Tl-201** database specific to **uncorrected (NC) male** patients acquired on the Siemens **C.CAM** imaging system. Reconstruction algorithm is specific to filtered backprojection (FBP). This database can only be used for analysis of the perfusion data.	• Stress, rest, delay or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: incline	**V-CCAM/TL/NC/M** **USAGE** This database should only be used for uncorrected **MALE** studies reconstructed with FBP from data acquired on the **Siemens C.CAM imaging system**.
Flash3D **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens Iterative Reconstruction using **Flash3D** method for **uncorrected (NC) female** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-FLASH3D/TC/NC/F** **USAGE** This database should only be used for uncorrected **FEMALE** Tc-99m studies reconstructed with **Siemens Flash3D Iterative Reconstruction**.
Flash3D **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens Iterative Reconstruction using **Flash3D** method for **uncorrected (NC) male** patients.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-FLASH3D/TC/NC/M** **USAGE** This database should only be used for uncorrected **MALE** Tc-99m studies reconstructed with **Siemens Flash3D Iterative Reconstruction**.

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
IQ SPECT **Tc-CTAC and SC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **IQ SPECT** for **female** patients. Reconstruction specific to Siemens Iterative Reconstruction using **Flash3D**. Corrections specific to **scatter correction (SC)** and **CT attenuation correction (CTAC)**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-IQS/TC/3D,SC,CTAC/F** **USAGE** This database should only be used for **FEMALE** Tc99m labeled studies which were acquired on a **Siemens IQ SPECT** system and reconstructed incorporating **Siemens Iterative Reconstruction Flash3D and corrections: CTAC and SC**.
IQ SPECT **Tc-CTAC and SC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **IQ SPECT** for **male** patients. Reconstruction specific to Siemens Iterative Reconstruction using **Flash3D**. Corrections specific to **scatter correction (SC)** and **CT attenuation correction (CTAC)**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-IQS/TC/3D,SC,CTAC/M** **USAGE** This database should only be used for **MALE** Tc99m labeled studies which were acquired on a **Siemens IQ SPECT** system and reconstructed incorporating **Siemens Iterative Reconstruction Flash3D and corrections: CTAC and SC**.
IQ SPECT Flash3D **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **IQ SPECT** for **uncorrected (NC) female** patients. Reconstruction specific to Siemens Iterative Reconstruction using **Flash3D**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-IQS/TC/NC/F** **USAGE** This database should only be used for **FEMALE** Tc99m labeled studies which were acquired on a **Siemens IQ SPECT** system and reconstructed incorporating **Siemens Iterative Reconstruction using Flash3D**.

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
IQ SPECT Flash3D **Tc-NC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **IQ SPECT** for **uncorrected (NC) male** patients. Reconstruction specific to Siemens Iterative Reconstruction using **Flash3D**.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-IQS/TC/NC/M** **USAGE** This database should only be used for **MALE** Tc99m labeled studies which were acquired on a **Siemens IQ SPECT** system and reconstructed incorporating **Siemens Iterative Reconstruction using Flash3D**.
PROFILE **Tc-AC**	Database for **Tc-99m Sestamibi or Tetrofosmin** specific to Siemens **PROFILE attenuation corrected (AC)** studies. Reconstruction algorithm is specific to the Siemens **Iterative Wallis algorithm**. Attenuation correction uses multiple line sources. This database can only be used for analysis of the perfusion data.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-PSRD/TC/AC** **USAGE** This database should only be used for studies acquired on a **Siemens** PROFILE attenuation corrected Tc-99m labeled images reconstructed with the **Siemens Iterative Wallis algorithm**.
PROFILE **Tl-AC**	**Tl-201** database specific to Siemens **PROFILE attenuation corrected (AC)** studies. Reconstruction algorithm is specific to the Siemens Iterative Wallis algorithm. Attenuation correction uses multiple line sources. This database can only be used for analysis of the perfusion data.	• Stress, rest, delay or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: supine	**V-PSRD/TL/AC** **USAGE** This database should only be used for studies acquired on a **Siemens** PROFILE attenuation corrected Tl-201 images reconstructed with the **Siemens Iterative Wallis algorithm**.

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
Symbia **Tc-CTAC and SC**	Database for **Tc-99m Sestamibi or Tetrofosmin** tracers specific to Siemens **Symbia** camera. Reconstruction method for this database is Iterative Reconstruction using **Flash3D**; These studies are then corrected using **CT based attenuation correction (CTAC) and scatter correction (SC)**. This database can only be used for analysis of the perfusion data.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-Symbia/TC/CTAC,SC,RC** **USAGE** This database should only be used for Tc-99m labeled studies acquired on a **Siemens Symbia** which were reconstructed incorporating **Siemens Iterative Reconstruction Flash3D and corrections: CTAC and SC**.

Camera or Vendor Specific Databases: SPECTRUM DYNAMICS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
DSPECT TC-NC	Database for **Tc-99m** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **male** patients in a **supine** orientation	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol. • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-DSPECT/TC/NC/M**
DSPECT TC-NC	Database for **Tc-99m** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **female** patients in a **supine** orientation.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: supine	**V-DSPECT/TC/NC/F**
DSPECT TC-NC	Database for **Tc-99m** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **male** patients in an **upright** orientation	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: upright	**V-DSPECT/TC/NC/M/U**

Camera or Vendor Specific Databases: SPECTRUM DYNAMICS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
DSPECT TC-NC	Database for **Tc-99m** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **female** patients in an **upright** orientation.	• Stress or rest studies in a 2-day Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day rest/stress Tc-99m labeled radiotracer protocol • Stress or rest study in a 1-day stress/rest Tc-99m labeled radiotracer protocol • Stress study in a dual isotope protocol • Patient position: upright	**V-DSPECT/TC/NC/F/U**
DSPECT TL-NC	Database for **Tl-201** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **male** patients in a **supine** orientation.	• Stress, rest, delay, or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: supine	**V-DSPECT/TL/NC/M**
DSPECT TL-NC	Database for **Tl-201** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **female** patients in a **supine** orientation.	• Stress, rest, delay or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: supine	**V-DSPECT/TL/NC/F**
DSPECT TL-NC	Database for **Tl-201** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **male** patients in an **upright** orientation.	• Stress, rest, delay, or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: upright	**V-DSPECT/TL/NC/M/U**
DSPECT TL-NC	Database for **Tl-201** tracers specific to the Spectrum-Dynamics **DSPECT camera**. This database is specific to **female** patients in an **upright** orientation	• Stress, rest, delay, or redistribution study in a Tl-201 only protocol • Rest study in a dual isotope protocol • Patient position: upright	**V-DSPECT/TL/NC/F/U**