

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 TI = TI-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	<p>Comparison database for DIFF12 2-study comparison maps. DIFF12 represents the results of polar map 1 minus polar map 2.</p> <p>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%.</p>	<ul style="list-style-type: none"> Any protocol with the knowledge of the NOTE to the left 	V-DIFF12/NC
DIFF-NC	<p>Comparison database for DIFF21 2-study comparison maps. DIFF21 represents the results of polar map 2 minus polar map 1.</p> <p>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%.</p>	<ul style="list-style-type: none"> 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	<p>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.</p> <p>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%.</p>	<ul style="list-style-type: none"> Any protocol with the knowledge of the NOTE to the left 	V-FDGU75,10
NH-AC	<p>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).</p>	<ul style="list-style-type: none"> Nitrogen-13 Ammonia PET Protocol 	<p>V-NH3/All</p> <p>USAGE This database should only be used for attenuation corrected studies reconstructed from PET NH3 data.</p>
REVER	<p>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.</p> <p>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%.</p>	<ul style="list-style-type: none"> Any protocol with the knowledge of the NOTE to the left 	<p>V-REVER/NC V-REVER/AC V-REVER/CTAC</p>

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).	<ul style="list-style-type: none"> 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).	<ul style="list-style-type: none"> 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.
Rb-IR	Rubidium-82 (Rb-82) database specific to iterative reconstructed images for all patients. This database accepts other additional reconstruction methods (e.g. scatter).	<ul style="list-style-type: none"> Rb-82 PET Protocol 	V-RB82/IR/All USAGE This database should only be used for IR corrected studies for ALL studies reconstructed from PET Rb-82 data.
Rb-FBP	Rubidium-82 (Rb-82) database specific to Filtered Back Projection reconstructed images for male patients. This database accepts other additional reconstruction methods (e.g. scatter).	<ul style="list-style-type: none"> Rb-82 PET Protocol 	V-RB82/FBP/M USAGE This database should only be used for FBP corrected studies for MALE studies reconstructed from PET Rb-82 data.

<p>Rb-FBP</p>	<p>Rubidium-82 (Rb-82) database specific to Filtered Back Projection reconstructed images for female patients. This database accepts other additional reconstruction methods (e.g. scatter).</p>	<ul style="list-style-type: none"> • Rb-82 PET Protocol 	<p>V-RB82/FBP/F</p> <p>USAGE This database should only be used for FBP corrected studies for FEMALE studies reconstructed from PET Rb-82 data.</p>
<p>Rb-TOF</p>	<p>Rubidium-82 (Rb-82) database specific to Time of Flight reconstructed images for all patients. This database accepts other additional reconstruction methods (e.g. scatter).</p>	<ul style="list-style-type: none"> • Rb-82 PET Protocol 	<p>V-RB82/TOF/All</p> <p>USAGE This database should only be used for TOF corrected studies for ALL studies reconstructed from PET Rb-82 data.</p>
<p>F-18</p>	<p>Database for F-18 Flurpiridaz with any type of reconstruction algorithm for all patients. This database is specific for static studies.</p>	<ul style="list-style-type: none"> • F-18 Flurpiridaz Protocol 	<p>V-FPZ/All</p> <p>USAGE This database should only be used for F-18 Flurpiridaz studies.</p>
<p>Tc-NC</p>	<p>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.</p>	<ul style="list-style-type: none"> • 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 	<p>V2-GSRD/TC/NC/F</p> <p>USAGE This database should only be used for uncorrected FEMALE studies reconstructed with FBP from data acquired from RAO-to-LPO.</p>
<p>Tc-NC</p>	<p>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.</p>	<ul style="list-style-type: none"> • 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 	<p>V2-GSRD/TC/NC/M</p> <p>USAGE This database should only be used for uncorrected MALE studies reconstructed with FBP from data acquired from RAO-to-LPO.</p>

General Purpose Radiopharmaceutical Databases

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
TI-NC	<p>TI-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.</p>	<ul style="list-style-type: none"> Stress, rest, delay, or redistribution study in a TI-201 only protocol Rest study in a dual isotope protocol Patient position: supine 	<p>V-SRD/TL/NC/F</p> <p>USAGE This database should only be used for uncorrected FEMALE studies reconstructed with FBP from data acquired from RAO-to-LPO.</p>
TI-NC	<p>TI-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.</p>	<ul style="list-style-type: none"> Stress, rest, delay, or redistribution study in a TI-201 only protocol Rest study in a dual isotope protocol Patient position: supine 	<p>V-SRD/TL/NC/M</p> <p>USAGE This database should only be used for uncorrected MALE studies reconstructed with FBP from data acquired from RAO-to-LPO.</p>
Rb-CFR	<p>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)</p>	<ul style="list-style-type: none"> Rb-82 PET CFR Protocol 	<p>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</p>
NH-CFR	<p>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)</p>	<ul style="list-style-type: none"> Nitrogen-13 Ammonia PET CFR Protocol 	<p>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</p>

Camera or Vendor Specific Databases: DIGIRAD

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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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) .	<ul style="list-style-type: none"> 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) .	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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
<p>Discovery 530c Alcyone</p> <p>Tc-NC</p>	<p>Database for Tc-99m Sestamibi or Tetrofosmin specific to GE Discovery 530c Alcyone for uncorrected (NC) male patients.</p>	<ul style="list-style-type: none"> • 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 	<p>V-Alcyone/TC/NC/M/P</p> <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.</p>
<p>Evolution</p> <p>Tc-NC</p>	<p>Database for Tc-99m Sestamibi or Tetrofosmin specific to GE Evolution for uncorrected (NC) female patients.</p>	<ul style="list-style-type: none"> • 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 	<p>V-Evolution/TC/NC/F</p> <p>USAGE This database should only be used for uncorrected FEMALE Tc99m studies reconstructed with GE Evolution Iterative Reconstruction.</p>
<p>Evolution</p> <p>Tc-NC</p>	<p>Database for Tc-99m Sestamibi or Tetrofosmin specific to GE Evolution for uncorrected (NC) male patients.</p>	<ul style="list-style-type: none"> • 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 	<p>V-Evolution/TC/NC/M</p> <p>USAGE This database should only be used for uncorrected MALE Tc99m studies reconstructed with GE Evolution Iterative Reconstruction.</p>

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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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
<p>Hermes Tc-CTAC and SC</p>	<p>Database for Tc-99m tracers specific to the Hermes IR3D reconstruction corrected for scatter (SC) and attenuation (AC).</p>	<ul style="list-style-type: none"> • 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 	<p>V2-HW/TC/IR/SC/CTAC</p>

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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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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 TI-NC	TI-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.	<ul style="list-style-type: none"> Stress, rest, delay or redistribution study in a TI-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 TI-NC	<p>TI-201 database specific to uncorrected (NC) male patients acquired on the Siemens C.CAM imaging system.</p> <p>Reconstruction algorithm is specific to filtered backprojection (FBP).</p> <p>This database can only be used for analysis of the perfusion data.</p>	<ul style="list-style-type: none"> Stress, rest, delay or redistribution study in a TI-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.	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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
<p>IQ SPECT Tc-CTAC and SC</p>	<p>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).</p>	<ul style="list-style-type: none"> • 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 	<p>V-IQS/TC/3D,SC,CTAC/F</p> <p>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.</p>
<p>IQ SPECT Tc-CTAC and SC</p>	<p>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).</p>	<ul style="list-style-type: none"> • 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 	<p>V-IQS/TC/3D,SC,CTAC/M</p> <p>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.</p>
<p>IQ SPECT Flash3D Tc-NC</p>	<p>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.</p>	<ul style="list-style-type: none"> • 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 	<p>V-IQS/TC/NC/F</p> <p>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.</p>

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 .	<ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> 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 TI-AC	TI-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.	<ul style="list-style-type: none"> Stress, rest, delay or redistribution study in a TI-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 TI-201 images reconstructed with the Siemens Iterative Wallis algorithm .

Camera or Vendor Specific Databases: SIEMENS

PROTOCOL	DESCRIPTION	PROTOCOL SUPPORT	DATABASE NAME
<p>Symbia</p> <p>Tc-CTAC and SC</p>	<p>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).</p> <p>This database can only be used for analysis of the perfusion data.</p>	<ul style="list-style-type: none"> • 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 	<p>V-Symbia/TC/CTAC,SC,RC</p> <p>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.</p>

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	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> 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 TI-NC	Database for TI-201 tracers specific to the Spectrum-Dynamics DSPECT camera . This database is specific to male patients in a supine orientation.	<ul style="list-style-type: none"> Stress, rest, delay, or redistribution study in a TI-201 only protocol Rest study in a dual isotope protocol Patient position: supine 	V-DSPECT/TL/NC/M
DSPECT TI-NC	Database for TI-201 tracers specific to the Spectrum-Dynamics DSPECT camera . This database is specific to female patients in a supine orientation.	<ul style="list-style-type: none"> Stress, rest, delay or redistribution study in a TI-201 only protocol Rest study in a dual isotope protocol Patient position: supine 	V-DSPECT/TL/NC/F
DSPECT TI-NC	Database for TI-201 tracers specific to the Spectrum-Dynamics DSPECT camera . This database is specific to male patients in an upright orientation.	<ul style="list-style-type: none"> Stress, rest, delay, or redistribution study in a TI-201 only protocol Rest study in a dual isotope protocol Patient position: upright 	V-DSPECT/TL/NC/M/U
DSPECT TI-NC	Database for TI-201 tracers specific to the Spectrum-Dynamics DSPECT camera . This database is specific to female patients in an upright orientation	<ul style="list-style-type: none"> Stress, rest, delay, or redistribution study in a TI-201 only protocol Rest study in a dual isotope protocol Patient position: upright 	V-DSPECT/TL/NC/F/U