# Adult Research Request for Cardiovascular Imaging

Office of Research and Education

This form must be completed for any research request involving cardiovascular imaging.

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| --- | --- | --- | --- | --- |
| Full Study Title:  Brief Study Title: | | | Principal Investigator:  PI Email: | |
| **Funding Type:** Industry NIH Foundation  PI- Initiated  Other  Industry /Foundation Sponsor Name: | | | Study Coordinator:  Email:  Phone/Pager: | |
| IRB # (if available):  IACUC # (if available):  NIH or NCT # | | | Study begin date:  End date:  Number of Subjects: | |
| Who is the Core lab:  Who is the Imaging Core lab: | | | Additional Notes: | |
| ☐ This request is for notification purposes only. The requested research procedure will not be performed by CV Imaging staff or at one of the CV Imaging locations listed below. Procedures will be performed according to standard of work and submitted protocol. If any deviations are planned, Study Coordinator will inform CV Imaging Research Team. | | | | |
| ECHOCARDIOGRAPHY | | | | |
| **Description** | **CPT/CDM** | **Description** | | **CPT/CDM** |
| Complete Transthoracic Echocardiogram | 93306 | Stress Echocardiogram Complete | | 93350 |
| De-identified Research Echocardiogram | 90103759 | Select One:  Treadmill | | 93017 |
| Additional Research Time | 4509433 | Bicycle ^ | | 93017 |
| Limited 2D Echo | 93308 | Dobutamine | | 93017, J1250 |
| Strain (Circle: LV, RV,  LA, RA, layered)   * Circle: (Longitudinal, Circumferential, or Radial) | 0399T | Doppler  Color  Limited Doppler  Myocardial Contrast Perfusion | | 93320  93325  93321  0439T |
| Contrast (Definity)  Amyl Nitrate | Q9957 | Contrast (Definity) with stress testing | | 93352 |
| Agitated Saline Bubble Study  3 Dimensional Acquisition and Analysis Online  3 Dimensional Acquisition and Analysis Offline  Myocardial Contrast Perfusion\* | 76376  76377  0439T | 3 Dimensional Acquisition and Analysis Online  3 Dimensional Acquisition  and Analysis Offline  Strain (Circle: LV, RV,  LA, RA, layered)   * Circle: (Longitudinal,   Circumferential, Radial)  OTHER (see notes) | | 76376  76377  0399T |
| Transesophageal Echocardiogram\* | | | | 93312 |
| 3 Dimensional Acquisition and Analysis Online  3 Dimensional Acquisition and Analysis Offline | 76376  76377 | Dobutamine Stress TEE  Contrast (Definity)  OTHER (see notes) | | 93017,  J1250  0399T |
| Transesophageal Echocardiogram Procedural/ Structural Heart TEE \* | | | | 93355 |
| VASCULAR IMAGING # | | | | |
| Carotid Duplex Ultrasound Bilateral  Carotid Duplex Unilateral(R/L)  CIMT | 93880  93882  93895 | Venous Duplex Bilateral  (Upper or Lower Extremity)  Venous Duplex Unilateral (R/L) | | 93970  93971 |
| Upper Extremity Arterial Duplex Bilateral  Upper Extremity Arterial Duplex Unilateral (R / L) | 93930  93931 | Lower Extremity Arterial  Duplex Bilateral  Lower Extremity Arterial  Duplex Unilateral (R / L) | | 93925  93926 |
| Physiologic Testing (Upper or Lower)  3 or more segments (full study) | 93923 | Physiologic Testing (Upper/Lower, may be in conjunction with Duplex exam)  1-2 segments (WBI or ABI) | | 93922 |
| Abdominal Aortoiliac Duplex | 93978 | Renal Ultrasound  OTHER (see notes) | | 93975 |
| ELECTRICAL TESTING / MONITORING | | | | |
| Holter Monitor Hookup  24 Hour  48 Hour  Scanning and Analysis | 93225  93225  93226 | Standard Electrocardiogram (EKG)  Right Heart 15 Lead EKG  15 Lead Posterior EKG  OTHER (see notes) | | 93005  93005  93005 |
| NUCLEAR IMAGING \*,# | | | | |
| Cardiac MUGA  Isotope | 78472  A9560 | Myocardial Perfusion Rest or Stress Only (MPI) | | 78451 |
| Cardiac Viability Thallium  Thallium isotope  Thallium Viability with Stress  Thallium isotope  Treadmill | 78452,  A9505  78452,  A9505,  93017 | Myocardial Perfusion with Stress  Treadmill  Myoview (Q2 for rest and stress)  Lexiscan  Dobutamine  OTHER (see notes) | | 78452  93017  A9502  J2785  J1250 |
| MISCELLANEOUS NON-INVASIVE CARDIOLOGY TESTING | | | | |
| Tilt Table\* | 93660 | Stress Test with EKG (GXT) | | 93017 |
| 6 Minute Walk\* | 94620 | Metabolic MVO2\* | | 94621 |

\* Only available at the Meijer Heart Center Location

^ Available at only Bradford Outpatient Location

# Available at only Bradford, Holland and West Pavilion Outpatient Locations

|  |  |
| --- | --- |
| **Inpatient – Location(s)** | **Outpatient – Location(s)** |
| Blodgett | Blodgett |
| Butterworth | Bradford |
| Meijer Heart Center | Heart and Lung Transplant Clinic |
|  | Holland |
|  | Lemmen Holton Cancer Pavilion |
|  | Meijer Heart Center |
|  | West Michigan Regional Lab (Animals) |
|  | West Pavilion |

Submitted by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**For Adult Patients - Send the research protocol along with this request form to:**

Spectrum Health Cardiovascular Imaging, [SHCIResearch@spectrumhealth.org](mailto:SHCIResearch@spectrumhealth.org)

**CARDIOVASCULAR IMAGING RESEARCH TEAM TO FILL OUT BELOW:**

|  |  |
| --- | --- |
| Date of Review: |  |
| Medical Director Approval Signature: | Yes  No |
| Approval comments and considerations for the project budget: | |