

Center for Human Phenomic Science

Cardiovascular Core: Vascular Lab

CHPS Cardiovascular (CV) Core Vascular Lab provides services for pediatric research subjects.

All studies using the CHPS CV Core require IRB and CHPS approval before CHPS services can be provided, or study visits are scheduled.

Services and Tests

ABI: Ankle brachial index

PWV: Pulse Wave Analysis

PWV: Pulse Wave Velocity

Carotid intimal thickness

Heart Rate Variability (HRV)

Interpretation (IMT)

Core Access

Considering using the CHPS Vascular Lab services for your study?

Reach out with your study protocol to:

- Robert Palermo, MD, CHPS Vascular Lab, to discuss which services best meet your study protocol needs and information for adult study needs.
- John Krall, CHPS Administrative Director: for pricing and budget information.

Official requests for CHPS Cardiovascular Core Vascular Unit are submitted through eResearch with the [eCHPS application](#).

In general, the CHPS CV Core at CHOP provides services for subjects less than 21 years of age. Services for adult subjects must be approved the CHPS Cardiovascular Core Director, Meryl Cohen, MD. For studies requiring primarily adult services or a large volume of adult participants, investigators can either identify an adult cardiologist to join the research team or work with the research facilitator at the Penn CHPS program for subjects over 21 years to be seen by an adult practitioner.

Start-up Meeting

Once the application is approved by the CHPS Resource Committee, study teams are asked to schedule a start-up meeting with Christine Pascua, echo lab manager at



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pascuac@chop.edu to go over study needs prior to scheduling research subjects. During the meeting, CHPS sonographers are assigned to the study. The process for scheduling visits with the CHPS Echo Outlook Calendar will be reviewed at that time.

Using OnCore

Budgeting, patient registration, and scheduling are tracked by the Research Institute via OnCore. Studies teams should ensure that:

1. OnCore budget accurately reflects the Vascular test that is being performed by CHPS.
2. Subjects are registered, associated and scheduled in EPIC and OnCore workspace.
3. Please note, OnCore is a requirement of the Research Institute and is not administered by CHPS.

Instructions for Accessing CHPS CV Core Vascular Lab Services

1. Scheduling:
 - a. Email the requested dates and times to Echo Lab sonographers assigned, always include the CHPS sonographers: Anysia Fedec, echo tech, at fedec@chop.edu and our vascular sonographer Craig Tinker at tinkerc@chop.edu.
 - b. Once a date has been identified and confirmed by the sonographers assigned to the study, send the appointment request to the participating sonographers and the CHPS Echo Outlook Calendar.
 - c. Provide this information:
 - Subject: Subject/Patient Identification
 - Location: IRB #
 - Notes in the appointment include information CHPS needs for reporting purposes to the NIH (Subject's race, ethnicity, and gender).
 - d. Note: Appointments made on the calendar are scheduled in EPIC and linked to a research guarantor by the Echo Lab staff. Once this has been done an *S* will be placed in the subject line of the appointment on the Outlook Calendar. Please periodically check and confirm that your appointments have this indication.
2. Vascular Lab Orders: Place order in EPIC - Subjects will not be seen at their scheduled appointment without a physician order



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3. Arrival:

It is the responsibility of the study team to ensure that subjects arrive to their appointments on time. Due to the high volume of the Echo lab, late arrivals may not be accommodated. If there are changes to the appointment on the day of the scheduled appointment you must contact the Echo tech directly.

4. Reports: To obtain finalized Echo Report follow up with Celena Green 24 to 48 hours after the test for results/report.

Contacts

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