

Pilot study to determine safety of lower extremity injection of agitated saline for echocardiography of the heart.

Status: Recruiting

Eligibility Criteria

Age: 18 years and over

This study is NOT accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

1. 18 years or older 2. "bubble study" i.e. echocardiography with agitated saline injection ordered

Exclusion Criteria:

1. enrolled in another drug or medical device study within 30 days of study enrollment. 2. liver failure in past 6 months

Conditions & Interventions

Conditions:

Heart & Vascular

Keywords:

Echocardiogram, PFO

More Information

Description: Prospective study to compare safety of upper versus lower extremity injection agitated saline (bubble study) using echocardiography of the heart.

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IRB

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System ID: 38565

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