

## Use of Continuous Wave Doppler to assess Vascular Malformations in Pediatric Dermatology

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male or Female

**Age Group:** Not specified

This study is NOT accepting healthy volunteers

**Inclusion Criteria:**

- less than 21 years old - have a vascular anomaly such as Arteriovenous malformations (AVM), Capillary malformations (CM), Venous malformations (VM), Lymphatic malformations (LM), Pyogenic granuloma (PG), Infantile hemangioma (IH), or Congenital hemangioma (CH) - being treated at University of MN pediatric dermatology outpatient clinic or the multidisciplinary vascular anomalies clinic

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**Exclusion Criteria:**

- history of any prior surgical, radiologic, medications for treatment (including oral or topical beta blocking agents)

### Conditions & Interventions

**Conditions:**

Dermatology (Skin, Hair & Nails)

**Keywords:**

Vascular Anomalies

### More Information

**Description:** The aim of our study is to look at blood flow in various tumors and irregularities located in blood vessels using a handheld continuous wave doppler. Correct and efficient diagnosis of vascular anomalies (outside of what is expected to happen in blood vessels) in pediatric patients will help determine a treatment plan. Blood flow in vascular anomalies has not been well described in the past.

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**IRB**

**Number:** STUDY00012200

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