What is the Cardiovascular Genetics Clinic?
The UW Medicine Cardiovascular Genetics Clinic is dedicated to the evaluation and management of patients with known or suspected inherited cardiovascular disorders. A multi-disciplinary team of cardiologists, medical geneticists, and genetic counselors uses the resources of the UW Regional Heart Center and the UW Center for Precision Diagnostics to perform comprehensive genetic evaluation and testing, leading to clinically meaningful recommendations.

What conditions are seen in the Cardiovascular Genetics Clinic?
Patients can be referred to the UW Medicine Cardiovascular Genetics Clinic whenever a familial or inherited cardiovascular disorder is suspected, or for assistance with family screening of patients with known genetic disorders. Cardiovascular disorders caused by genetic mutations include:

- Hypertrophic cardiomyopathy
- Familial dilated cardiomyopathy
- Left ventricular non-compaction
- Arrhythmogenic cardiomyopathy
- Brugada syndrome
- Long QT syndrome
- Catecholaminergic polymorphic VT
- Marfan syndrome
- Loeys-Dietz syndrome
- Familial thoracic aortic aneurysms
- Familial amyloidosis
- Familial sudden death syndrome

What are the benefits of referring a patient?
A referral can benefit both patient and provider. Genetic information plays an increasing role in patient care, and can aid patient management by confirming a diagnosis, informing prognosis, and perhaps directing therapies based on genotype. When referred to the UW Medicine Cardiovascular Genetics Clinic, patients are seen by providers with extensive clinical experience in diagnosing and managing these rare diseases, ensuring up-to-date recommendations. In many cases, genetic testing is a cost-effective means of family screening, and our clinic can facilitate testing of family members of any age.
Appointments and Referrals
To refer your patient to the UW Medicine Regional Heart Center (RHC), call 866-UWHEART (894-3278). To speak with one of the attending physicians, call UW Medicine Medcon at 800-326-5300. For patient appointment scheduling, call 206-520-5000.

What should the patient expect at the visit?
Patients who are referred to the UW Medicine Cardiovascular Genetics Clinic will be seen by an interdisciplinary team that includes a cardiologist, medical geneticist and genetic counselor during a single appointment. After a detailed evaluation, including a multi-generation pedigree, physical exam and review of diagnostic studies, the team will provide the patient with recommendations regarding genetic and other testing, including who and how to test. The risks, benefits and costs of genetic testing will be discussed with the patient before testing is performed. In many cases, genetic testing can be sent at the time of initial evaluation. The new UW Center for Precision Diagnostics, using state-of-the-art exome sequencing, offers opportunities to identify genetic causes of inherited cardiovascular conditions even when standard panels are negative.

Are follow-up appointments necessary?
Interpretation of genetic test results can be challenging, and follow-up appointments with the multidisciplinary team will be available to review and discuss test results and their implications. When these results affect patient care and management, additional recommendations will be communicated to the referring provider. In most cases, the patient will be referred back to their referring provider for continuing cardiovascular care.

Are the patients enrolled in or offered participation in research studies?
Research is essential to improving patient care, and we collaborate locally and nationally to offer patients opportunities to enroll in clinical and translational research studies in many areas. Participation is voluntary. Medical care will be unaffected by a patient’s decision to not participate.

What decisions or treatment plans should the patient and referring provider expect to receive at the genetics consultation?
The UW Medicine Cardiovascular Genetics Clinic aim to provide state-of-the-art genetic evaluation and testing, test interpretation, specific recommendations regarding other diagnostic approaches (e.g., echocardiography), clarification of treatment options, and recommendations for follow-up and surveillance. The UW Medicine Regional Heart Center offers specialized diagnostic and treatment options for patients with cardiovascular genetic disorders. Patients may also choose to pursue diagnostic and treatment options with their referring providers.

Where is the clinic located?
The clinic is located at the Regional Heart Center on the main floor of University of Washington Medical Center. The address is 1959 N.E. Pacific St., Seattle, WA 98195.

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<tr>
<td>David S. Owens, MD, MS</td>
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<td>Douglas Stewart, MD</td>
<td>Jordan Prutkin, MD, MHS</td>
<td>Peter Byers, MD</td>
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<td>Fuki Hisama, MD</td>
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