Ultrasonography, commonly called sonography, is a diagnostic medical procedure that uses high frequency sound waves (ultrasound) to produce images of organs, tissues or blood flow inside the body. It is used to examine many parts of the body and is increasingly used to detect and treat heart and vascular disease. The professionals who perform these procedures are known as sonographers and are in high demand.

The Community Regional Medical Center Diagnostic Medical Sonography Program (Cardiac and General Tracks) is accredited by the Commission on Accreditation of Allied Health Education Programs (www.caahep.org) upon the recommendation of the Joint Review Committee in Diagnostic Medical Sonography (JRC-DMS).

Inquiries about training, prerequisites and registration can be directed to:

Joy Guthrie
PhD., RDMS, RDCS, RVT
Program Director
jguthrie@CommunityMedical.org

2823 Fresno Street
Fresno, CA 93721
(559) 459-2731
At Community Regional Medical Center, we offer one of California’s few hospital-based sonography training programs. The 18-month program is licensed by California’s Bureau for Private Postsecondary Education and nationally accredited by CAAHEP. There are two education tracks to choose from – cardiac and general.

**GENERAL SONOGRAPHY**

**Level 1 (9 weeks)**
- Basic Ultrasound Physics
- Introduction to Sonography

**Level 2 (18 weeks)**
- Abdominal Sonography
- Beginning Clinical Experience I

**Level 3 (18 weeks)**
- Obstetrics & Gynecology
- Beginning Clinical Experience II

**Level 4 (9 weeks)**
- Advanced Ultrasound Physics
- Advanced Clinical Experience I
- Superficial Structures

**Level 5 (18 weeks)**
- Integrative Study in Sonography
- Advanced Clinical Experience II
- Basics of Vascular Sonography

Course sequence may be subject to change while enrolled in either program.

**CARDIAC SONOGRAPHY**

**Level 1 (9 weeks)**
- Basic Ultrasound Physics
- Introduction to Sonography

**Level 2 (18 weeks)**
- (1st 9 weeks) Echocardiography
- Cardiac Physiology & Principles
- (2nd 9 weeks) Beginning Clinical Experience I

**Level 3 (18 weeks)**
- Advanced Echocardiography
- Beginning Clinical Experience II

**Level 4 (9 weeks)**
- Advanced Ultrasound Physics
- Advanced Clinical Experience I

**Level 5 (18 weeks)**
- Integrative Study in Sonography
- Advanced Clinical Experience II
- Basics of Vascular Sonography

The prerequisites for the program include either a Bachelors degree OR a two year allied health degree with a license such as a Radiology Technologist, etc. In addition you must have the following courses: Anatomy and Physiology, Medical Terminology, Physics, Algebra, English, and Communication (the communication skills requisite may be met by a variety of courses including speech or composition).

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