

# DIAGNOSTIC MEDICAL SONOGRAPHY (DMS) PROGRAM DATA

## Program Mission Statement

The Diagnostic Medical Sonography Program provides superior occupational educational training and clinical opportunities. We increase self-esteem, develop personal and professional skills, and develop student's potential to the fullest ability. Faculty members maintain continuing education and model the program to meet the employment community needs. CVTC will assure accreditation standards are met to provide the highest level of education to our students.

## Program Goals

The goal of the CVTC DMS Program is to prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills) and affective (behavior) learning domains. Graduates will meet or exceed the following standards in order to serve the needs of employers and communities of interest:

### Cognitive Domain Abilities:

- Collects and documents appropriate patient information related to sonographic exams
- Applies knowledge of sonographic anatomy and pathophysiology into patient examination and imaging
- Displays effective verbal and written presentation of exam findings to interpreting physicians

### Psychomotor Domain Abilities:

- Performs quality sonographic examinations which correctly document anatomical and pathophysiological information required for physician interpretation
- Utilizes proper body mechanics to reduce the risk of sonographer related musculoskeletal injury

### Affective Domain Abilities:

- Communicates effectively with patients
- Communicates effectively with members of the healthcare team
- Demonstrates professionalism and operates in accordance with established legal and ethical guidelines
- Demonstrates employability skills which reflect reliability, productive teamwork collaboration, and positive attitudes
- Exhibits empathy and compassion towards patients

## Program Outcomes

Year	Program Completion Rate	Job Placement Rate	Abdominal Credentialing Success Rate	Ob/Gyn Credentialing Success Rate
2019	71%	100%	100%	100%
2018	71%	93%	100%	100%
2017	52%	100%	100%	100%
2016	76%	94%	79%	90%
2015	67%	75%	100%	100%
<b>5 Year Average</b>	<b>70%</b>	<b>92%</b>	<b>96%</b>	<b>98%</b>

## Definitions of Outcomes

- Program Completion Rate**  
 Program completion rate is the percentage of people who graduate from the DMS Program. It is calculated by the number of graduates each year divided by the number of students admitted 2 years prior. For example, if 10 students began the two-year DMS Program and 8 graduated two years later, program completion rate would be 8 out of 10, or 80%.
- Job Placement Rate**  
 Data is collected pertaining to job placement 1 year after graduating from the DMS Program. A graduate is considered employed if they have 1. obtained full or part-time employment in a sonography related occupation, or 2. entered a branch of the military. Job placement rate is calculated by number of graduates employed divided by total number of graduates.
- Credentialing Success Rate (for both Abdominal and Ob/Gyn)**  
 Data is collected pertaining to credentialing success rate 1 year after graduating from the DMS Program. An ARDMS Abdominal registered sonographer is one who has passed both the Abdominal Exam and the Sonography Physics & Instrumentation (SPI) Exam. An ARDMS Ob/Gyn registered sonographer is one who has passed both the Ob/Gyn Exam and the SPI Exam. Employment requirements regarding credentialing vary among healthcare organizations, though it is generally expected that a graduate should be appropriately credentialed in 1 or more specialties as a condition of employment in sonography. Credentialing success rate is calculated by the number of graduates who have attempted the specialty exam (either abdomen or Ob/Gyn) divided by the number of graduates who have passed both that specialty exam and the SPI exam.