

Medical Sonographers

Description

Medical sonographers operate ultrasound equipment to produce and record images of various parts of the body to aid physicians in monitoring pregnancies and in diagnosing cardiac, ophthalmic, vascular and other medical disorders. They are employed in clinics and hospitals. Medical sonographers who are supervisors or instructors are included in this unit group

Duties:

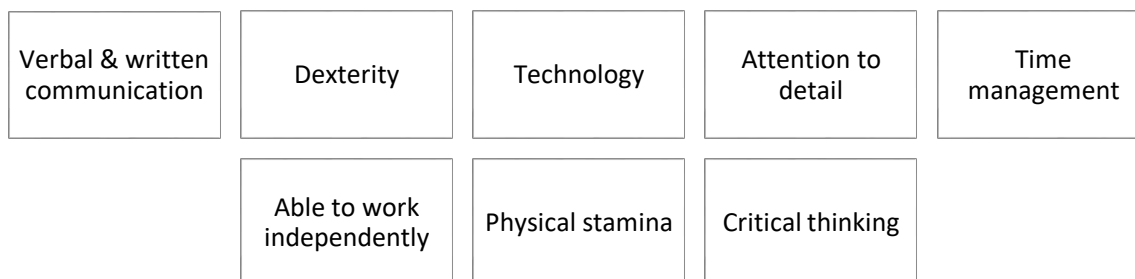
- Operate ultrasound imaging equipment that transmits high frequency sound pulses through the body to produce images of those parts of the body requiring examination
- Monitor examination by viewing images on video screen, to evaluate quality and consistency of diagnostic images, and adjust equipment, as required
- Record, store and process scanned images by using camera unit connected to ultrasound equipment
- Observe and care for patients throughout examinations to ensure patient safety and comfort
- Prepare examination reports for physicians to aid in the monitoring of pregnancies and the diagnosis of cardiac, abdominal, ophthalmic, vascular and other disorders
- Perform quality control checks on ultrasound equipment to ensure proper operation and perform minor repairs and adjustments as required
- May supervise and train student and other medical sonographers.

Other titles:

- Adult echocardiographer
- Cardiac sonographer
- Echography technician
- RDMS (registered diagnostic medical sonographer)
- Ultrasonography technologist
- Vascular sonographer

(Government of Canada National Occupation Classification)

Skills



Education/Training Requirements

Ontario Secondary School Diploma (OSSD)

- Most college/university programs in Ontario require an OSSD or Mature Student Status

Post-secondary diploma/degree

- Completion of a three- to four-year program in diagnostic medical sonography or ultrasound technology OR:
- Completion of a two- to three-year program in a related allied health field and a one-year post diploma program in diagnostic medical sonography from an accredited institution
- Ontario colleges offering relevant programs: Algonquin College, Cambrian College, Michener College, Mohawk College, St. Clair College

Certification

- Registration with Sonography Canada and/or the American Registry of Diagnostic Medical Sonographers is usually required by employers

Potential Earnings in Durham Region

The average and median wages and salaries for individuals employed as medical sonographers are as follows. Place of Residence (POR) is defined as individuals who reside within the Durham Region. Place of Work (POW) is defined as individuals who are employed within the Durham Region.

Median Wages and Salaries (POW)	Average Wages and Salaries (POW)	Median Wages and Salaries (POR)	Average Wages and Salaries (POR)
\$61,238	\$61,735	\$69,092	\$67,333

Employment Prospects

Industry (NAICS)	Jobs in Durham Region (POW)	Durham Region Residents Employed (POR)
6215 Medical and diagnostic laboratories	50	55

(Ministry of Advanced Education and Skills Development 2016 data in Durham Workforce Authority's 2017 Sector Report)

Additional Resources

- Sonography Canada: <https://www.sonographycanada.ca/Apps/Pages/home-csdms>
- The American Registry of Diagnostic Medical Sonographers: <http://www.ardms.org/Pages/default.aspx>