

Equipment

Equipment and instruments are available to instruct students in the skills they will need in their chosen careers. Concorde students acquire knowledge and technical skills through demonstrations, actual operation of equipment, and the practice of techniques. Among the major items of equipment available to Concorde students are the following (by program):

Cardiovascular Sonography Program

Equipment includes hospital beds, various ultrasound scanning systems, ultrasound transducers (abdominal, vascular, cardiac), ABI scanning equipment, simulation training computers, medical record software, medical ultrasound printer and scanning simulation mannequins.

Dental Assistant Program

There is a dental lab completely equipped to function in the capacity as a dental office. The lab has four dental operatories and two dental x-ray units. In addition, the lab is equipped with a panoramic machine, complete darkroom facilities, and four teaching x-ray Dexter mannequins. Dental Assistant students also have access to computers that are stored in each operatory. The computers provide information for students to learn mounting x-rays, case studies, and charting. In addition, there are autoclaves, curing lights, amalgamators, model trimmers, sterilization equipment, dental vibrators, and other miscellaneous equipment available.

Dental Hygiene Program

Students enrolled in the Dental Hygiene program have access to a completely equipped and functioning dental clinic. Included in the clinical facility are four radiography units, a panoramic x-ray unit, and 12 fully equipped operatories. Students learn various technical skills in the lab before treating a patient. Some special equipment included are ultrasonic scalers, model trimmers, intraoral cameras, both digital and traditional x-rays, autoclaves, and automatic processors. Mannequins are used for instrument skill and instruction. Personal computers with appropriate software are also used for the benefit of the student.

Diagnostic Medical Sonography Program

Equipment includes hospital beds, various ultrasound scanning systems, various transducers (abdominal, vascular, endovaginal), simulation training computers, coding and medical record software, medical ultrasound printer and picture archiving and communication system, and scanning simulation mannequins.

Medical Assistant Program

Equipment includes stethoscopes, sphygmomanometers, examination and treatment tables, simulated examination rooms, autoclaves, otoscopes, ophthalmoscopes, electrocardiograph machines, microscopes, centrifuges, teaching mannequins, and other miscellaneous teaching aides.

Vocational Nursing Program

The Vocational Nursing labs are designed with individual patient care stations. They are equipped with equipment and supplies to assist students to prepare for patient care activities within the scope of practice. In addition, there are Foley catheters, nasogastric tubes, needles, syringes, suction machines, IV pumps, wheelchairs, stethoscopes, sphygmomanometers, electronic thermometers, models for low and medium fidelity simulation, life-size mannequins and models, a medication cart, infant care equipment, and other miscellaneous durable and expendable equipment and supplies to practice patient care.

Physical Therapist Assistant Program

Equipment includes treatment tables, electromagnetic and electrical stimulation devices, biofeedback units, ultrasound, traction, thermal modalities and adaptive equipment. Therapeutic exercise equipment includes a treadmill, parallel bars, exercise balls, free weights, balance boards, and other devices that promote fine and gross motor skills. Assistive devices include wheelchairs, walkers, crutches, canes, and orthotics/braces. Assessment equipment includes stethoscopes, goniometers, postural screening boards, pulse oximeters, spirometers, and other teaching aids.

Respiratory Therapy Program

This comprehensive laboratory is equipped with oxygen devices (cannulas, masks, cylinders, concentrators), aerosol/humidity devices (small/large volume nebulizers, regulators, flowmeters), lung expansion devices (intermittent positive pressure breathing machines, incentive spirometers, continuous positive airway pressure machines), mechanical ventilators (respirators), airway maintenance devices (suction machines, intubation tools, artificial airways), and ancillary equipment (arterial blood gas equipment, oximetry, capnography, pulmonary function equipment, mannequins), plus a library complete with respiratory and respiratory-related medical journals, texts, and audiovisual equipment.

Surgical Technology Program

A lab equipped with two fully operational operatories with surgical instruments, machinery and lighting, completely equipped and fully functional for training purposes.

Audiovisual Aids

Concorde's programs are supported with reference books, charts, field trips, demonstrations, and other teaching aids. Speakers from business and industry are used when possible to supplement classroom instruction.