

# 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

Four dental chairs with rear delivery units, four x-ray units, including digital radiography, three model trimmers, vibrators, biosonic/ultrasonic cleaners, autoclave and station sterilizers, dental instruments, cements and materials, infection control supplies, DXTTR and Fletcher models, videos, and other teaching aids.

## 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 fully equipped operatories. Students learn various technical skills in the lab before treating a patient. Some special equipment included are lathes, model trimmers, intraoral cameras, both digital and traditional X-rays, autoclaves, and automatic processors. Mannequins are used for instrument skills 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

This program has a laboratory stocked with medical test supplies and equipment, such as stethoscopes, glucometers, sphygmomanometers, examination and treatment tables, autoclaves, electrocardiograph machines, centrifuges, microscopes, teaching mannequins, and other teaching aids.

## Polysomnographic Technology Program

A comprehensive laboratory equipped with digital electroencephalographic machines, continuous positive airway pressure machines with humidifiers and masks, pulse oximetry, oxygen devices (cannulas and masks), various types of recording electrodes and application tools, air pump, video and auditory monitoring equipment, plus a library complete with neurodiagnostic- and polysomnographic-related medical journals, texts and audiovisual equipment.

## Practical Nursing Program

Two patient care units containing beds, overbed tables, bedside cabinets, anatomical mannequins, sphygmomanometers, oxygen equipment, suction equipment, wheelchairs, walkers, crutches, anatomical charts, electronic vital sign monitor, drug administration cart, I.V. poles, and pumps and supplies to support a complete skills laboratory.

## Respiratory Therapy Program

This program has a comprehensive laboratory equipped with oxygen devices, aerosol/humidity devices, 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 laboratory containing two operating tables, operating lights, simulated autoclave, scrub room and assorted furnishings, and other teaching aids.

## 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.