

# 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

This program offers fully equipped, fully functional dental operatories with dental x-ray units, panoramic x-ray, complete darkroom facilities, amalgamators and x-ray mannequins. In addition, it has a dental lab complete with lathe, model-trimmers, bench engine, vibrators, sterilization equipment, scutan (for fabrication of temporary crowns), visible curing illuminator light, and dental chairs. Computer systems and miscellaneous teaching aids are also 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 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 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, ultrasound transducers (abdominal, vascular, endovaginal), ABI scanning equipment, simulation training computers, medical record software, medical ultrasound printer and scanning simulation mannequins.

## Medical Assistant Program

The equipment for this program includes stethoscopes, a glucometer, sphygmomanometers, examination and treatment tables, simulated examination rooms, autoclaves, an otoscope, an ophthalmoscope, electrocardiogram machines, microscopes, centrifuges, teaching mannequins, computer systems, and other miscellaneous teaching aids.

## Phlebotomy Technician

Equipment includes blood drawing chairs, microhematacrit machines, Centrifuge, Vacutainer Tubes, Needles and Holders, capillary tubes and other blood drawing supplies.

## 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

The equipment for this program includes oxygen devices, aerosol/humidity devices, mechanical ventilators, lung expansion devices, airway maintenance devices, ancillary equipment, and a library complete with respiratory and respiratory-related medical journals, texts, and audiovisual equipment.

## Surgical Technologist Program

A lab equipped with operating room tables, back table, mayo stands, prep table, simulated autoclave, overhead operating surgery lights, anesthesia machines, medical and surgical supply disposal, scrub sinks, IV stands, operating room stretcher, and basic surgical instruments.

## 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.