

# 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

The dental laboratory area has four dental operatories. The dental lab room is equipped with lathes, model trimmers, bench grinders, vibrators, sterilization equipment, hydrocolloid units, and other teaching aids.

One operatory is designated for a local practicing dentist to see private patients. This provides students a unique opportunity for hands-on training and observation. This is a fully equipped, fully functional dental facility with dental x-ray units, including digital x-rays, darkroom, and teaching and x-ray mannequins.

## 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 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, 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.

## 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.

## Surgical Technology Program

This program has a lab equipped with an operating room bed, back tables, mayo stands, prep table, steam autoclave, overhead operating surgery light, anesthesia machine, disposable medical and surgical supplies, kick buckets, scrub sinks, supply storage cabinets, and other miscellaneous teaching aids.

## Vocational Nurse/Nursing Program

The Vocational Nurse program offers catheters, nasogastric tubes, oxygen and masks, needles, syringes, suction machine, K-pad, wheelchairs, stethoscopes, sphygmomanometers, Glucoscan, thermometers, ophthalmoscope, simulated patient units, teaching mannequins/models, sterile supplies, 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.