



DIPLOMA IN DIALYSIS TECHNOLOGIST WITH PHLEBOTOMY TECHNICIAN

Program Description

Hemodialysis, also known as dialysis, is a medical procedure that removes waste products and also extra free water from the blood when the kidneys are failing (kidneys are not functioning normally). Operating the dialysis machine and keeping an eye on the patients undergoing treatment are the responsibilities of hemodialysis technicians.

Dialysis technicians are, therefore, responsible for both patient and equipment care. The patient's blood enters the dialysis machine via tubes during treatment. Dialyzers are filters that remove waste and extra fluid from the blood while it is in a machine. After being cleaned, blood is returned to the patient's body via tubes from the dialysis machine. Dialysis is usually performed in hospitals or in specifically equipped dialysis centers. Most dialysis technicians work in hospitals, hospital outpatient clinics, or dialysis centers and the registered nurses supervise the dialysis technicians.

Students who successfully complete the program will be awarded a Certificate of Completion from our State-approved College. Graduates will be able to sit for National Certification Exams to become a well-trained Certified Phlebotomy Technician or a Dialysis Technologist.

Program Details

Course Duration

10 Months

Quarter Credit Hours

35

Program Curriculum

- **Technical Courses 35 Quarter Credit Hours**

Program Learning Outcomes

Students of our dialysis technologist with phlebotomy technician diploma program will be able to:

1. Learn and understand the role and responsibilities of a dialysis technician
2. Learn the fundamentals of hemodialysis and the process of blood filtration
3. Learn the fundamentals of setting up and operating dialysis equipment
4. Learn how to monitor and adjust the rate of fluid removal
5. Learn about human anatomy and physiology, especially the kidney system
6. Learn about phlebotomy, blood drawing, and injections
7. Learn how to insert dialysis needles into the arm veins of patients
8. Learn how to monitor and record vital signs while undergoing treatment
9. Learn how to keep a record of blood sugar and haemoglobin levels
10. Learn about patient care and safety, as well as medication administration
11. Learn how to clean, assemble, and maintain equipment or machinery
12. Learn to work both as an individual and as part of a team

Program Career Opportunity

The phlebotomy dialysis technician program at Stellar Career College opens a wide array of opportunities for students that include, but are not limited to, the following:

- Medical Instrument Technician (Hemodialysis)
- Nuclear Medicine Technologist
- Dialysis Technician
- Hemo Equipment Technologist
- Radiology Technologist
- Vascular Clinical Assistant
- Apheresis Specialist
- Phlebotomy Technician
- Laboratory Support Tech Phlebotomist

Program Completion

Students who efficiently complete all required courses in accordance with the college's Satisfactory Academic Requirements and meet their financial obligations towards the college will be awarded a diploma.

Graduates will have the opportunity to take National Certification Exams to become a Certified Phlebotomy Technician through NCCT as well as a Certified Hemodialysis Technician/Technologist through BONENT.

Program Format

The College will deliver this certified training program in a hybrid format of instructions delivery. Online and virtual technologies will be used to teach didactic courses, whereas laboratory courses will be delivered on-site or via virtual technologies. The students will complete the necessary clinical competencies and hours at their specific clinical sites.