



# Perfusionist

**Perfusionists** operate heart-lung machines—the equipment that replaces a patient’s circulatory and respiratory functions during open-heart surgery. This includes the following responsibilities, as directed by the heart surgeon:

- redirecting the circulation of a patient’s blood outside of the body and through artificial organs (heart, lung, and kidney)
- administering medications to stop the heart and protect it while it is stopped
- monitoring and managing the patient’s breathing and circulation
- re-starting the heart and circulation after surgery
- providing expertise in devices such as artificial hearts and lungs

## Education

Bachelor’s or higher degree in a [Department-registered](#) perfusion licensure program, or the equivalent.

## Examination

Certification exam of the American Board of Cardiovascular Perfusion.

- ▶ Visit the [Office of the Professions](#) for a listing of all options and requirements.

## Video



## Salary and Projected Growth

- Median salary: \$114,000 in the U.S.
- Salary range: \$82,700-\$150,000 in the U.S.
- Salaries in NY are expected to be higher
- Projected growth: faster than average

## Where Could I Work?

- Hospitals
- Colleges and universities
- Research and development

## Your Interests and Abilities

- Basic and medical sciences
- Manual and technical skills
- Participation in surgical procedures

## Professional Skills

- Concern for others
- Attention to detail
- Communication
- Mental and physical endurance

## What Interests You?

Match your interests and personality to career options! Explore a free career tool at [mynextmove.org/explore/ip](http://mynextmove.org/explore/ip)

**Tip:** try searching for mentoring programs—talk to a perfusionist about what they do and how they got started!