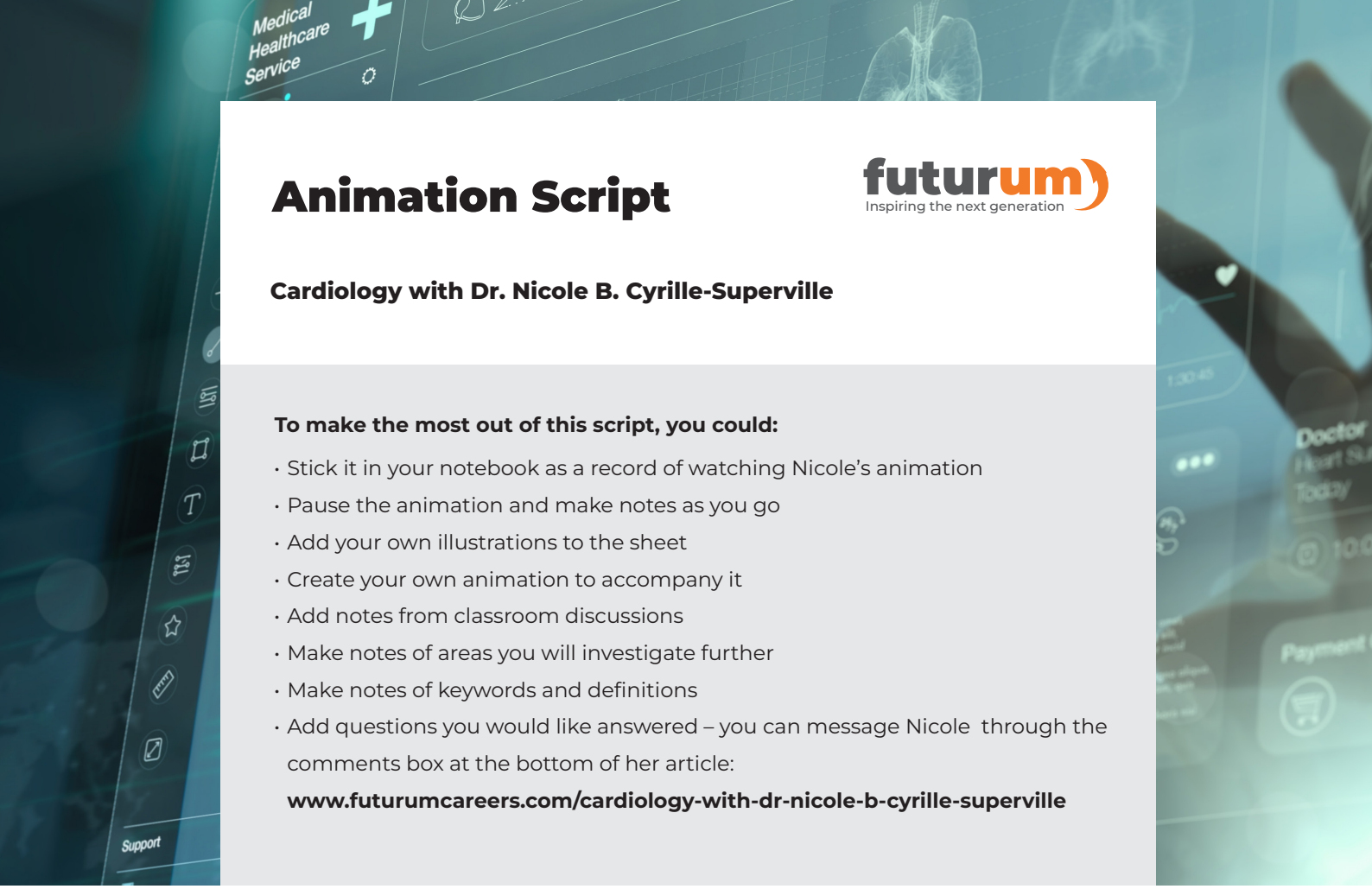

Animation Script

futurum
Inspiring the next generation

Cardiology with Dr. Nicole B. Cyrille-Superville

To make the most out of this script, you could:

- Stick it in your notebook as a record of watching Nicole's animation
- Pause the animation and make notes as you go
- Add your own illustrations to the sheet
- Create your own animation to accompany it
- Add notes from classroom discussions
- Make notes of areas you will investigate further
- Make notes of keywords and definitions
- Add questions you would like answered – you can message Nicole through the comments box at the bottom of her article: **www.futurumcareers.com/cardiology-with-dr-nicole-b-cyrille-superville**

SCRIPT:

As a child, Nicole was a natural caretaker. She loved animals and once took care of a litter of six kittens after their mother died.

Nicole's parents instilled in her the importance of education and a strong work ethic. They had been unable to complete high school, so when Nicole had the opportunity to move from Dominica to Texas, she was determined to succeed. She balanced work and study, gained numerous scholarships, and was fortunate to meet people who helped her along the way.

Today, Nicole is a cardiologist at Atrium Health Sanger Heart & Vascular Institute Kenilworth and Wake Forest University School of Medicine, in the US, focusing on conditions which affect the heart and blood vessels.

There are many physical factors that can impact our health, such as age, genetics, and physical mobility. Social, educational, and economic factors can also play a part. Combining clinical practice with research, Nicole has dedicated her career to improving our understanding of how all these factors can affect health outcomes for patients with heart failure.

Animation Script

Early in her cardiology training, Nicole helped save the life of a new mother who had gone into cardiogenic shock 48 hours after giving birth. This experience motivated Nicole to specialize in heart failure. Now established in her career, she appreciates the entire spectrum of heart failure, from patients who respond to medical therapy to those who may need a heart transplant.

Currently, Nicole is a co-investigator for REHAB–HFpEF, a clinical trial looking at the impact of a novel physical rehabilitation program on outcomes in patients hospitalized with a form of heart failure called decompensated heart failure with preserved ejection fraction, or HFpEF.

In addition to medical data, Nicole collects data about her patients' social determinants of health, particularly health literacy and social support. This helps her to develop a clearer understanding of what impacts the outcomes for HFpEF patients, in an effort to enable more effective interventions.

Nicole is also working on HeartShare, a study analyzing the phenotypes, or traits, of HFpEF patients. The project aims to build a large biorepository to explore pathophysiology and future therapeutic targets.

Nicole is eager for better resources to be developed to support heart failure patients. To make these resources more accessible, they need to be produced in a way that a 10-year-old could understand them. Older people often experience declining vision and hearing, which further impacts their ability to read and understand information, so resources also need to be produced with these patients' needs in mind.

With patient care at the forefront of her mind, Nicole's work is varied and can involve a few different research projects at any one time. For example, she is also a Champion for HeartShare, playing a leading role in increasing the enrollment of representative participants.

Now that you've heard Nicole's story, what could you achieve as a cardiologist?

Let us know what you think of this educational and career resource. To provide input, simply scan the QR code or use this link: redcap.school.wakehealth.edu/surveys/?s=NPK347RYHCR3FNDC