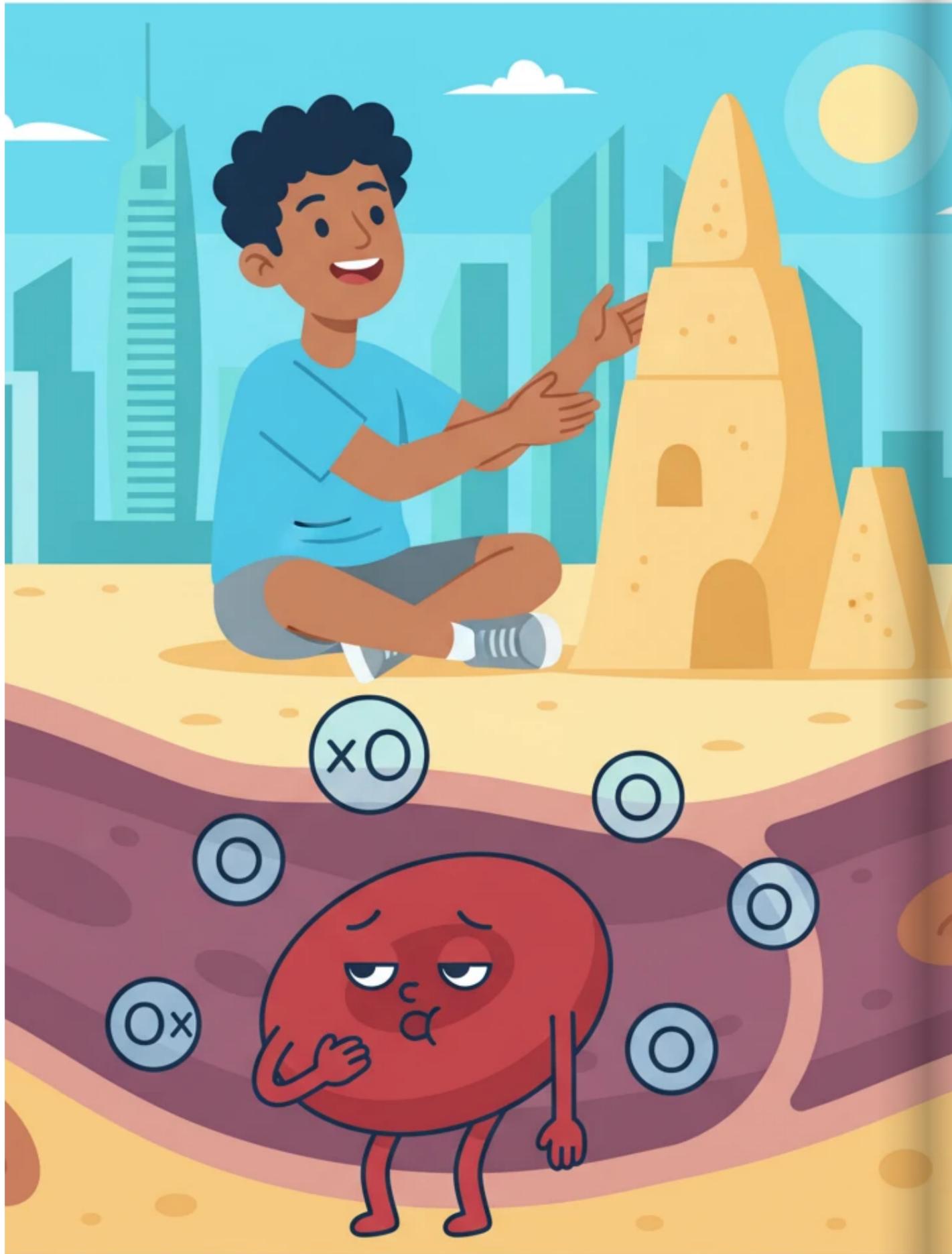
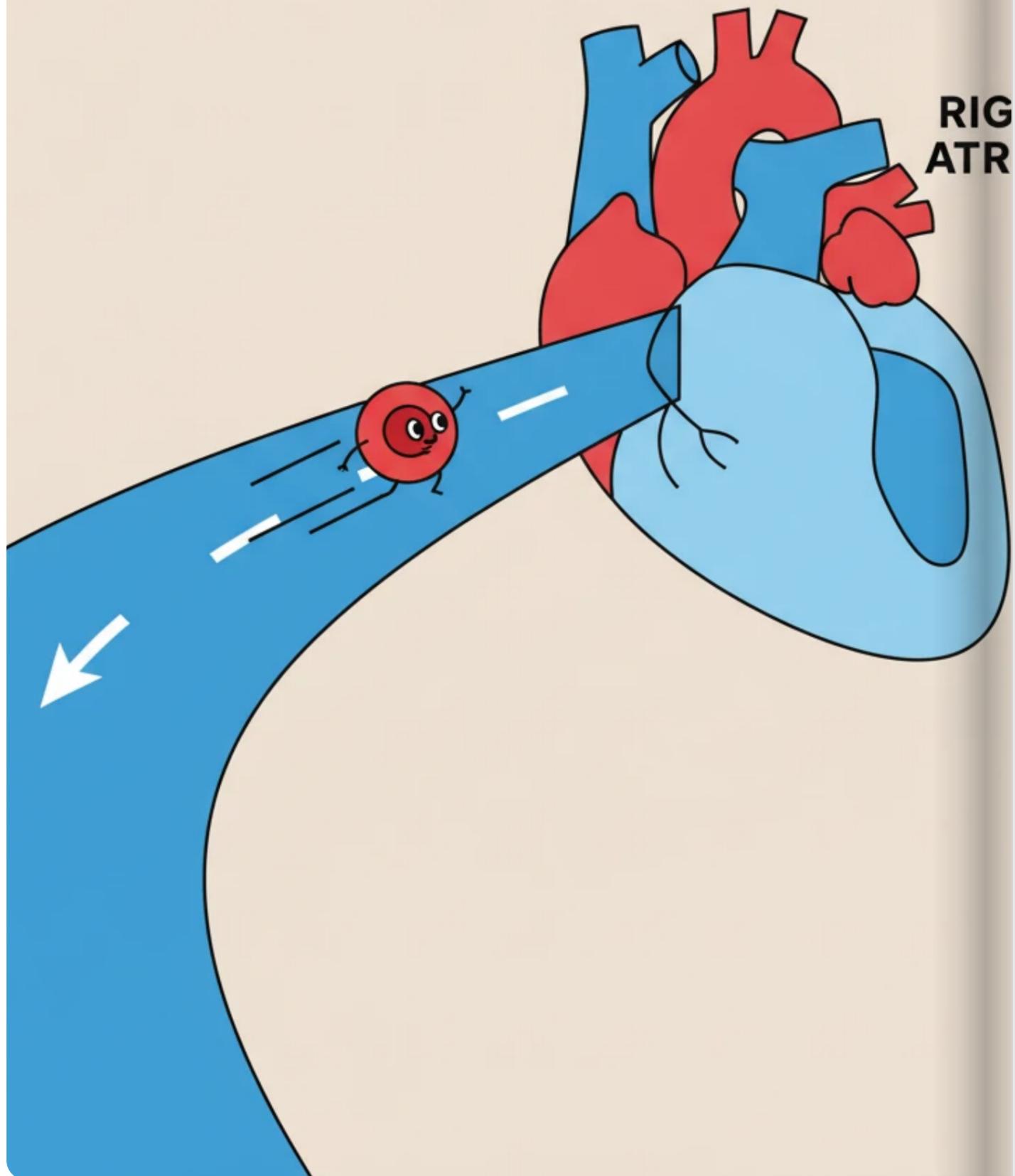


Ruby's Emirati Heart Journey

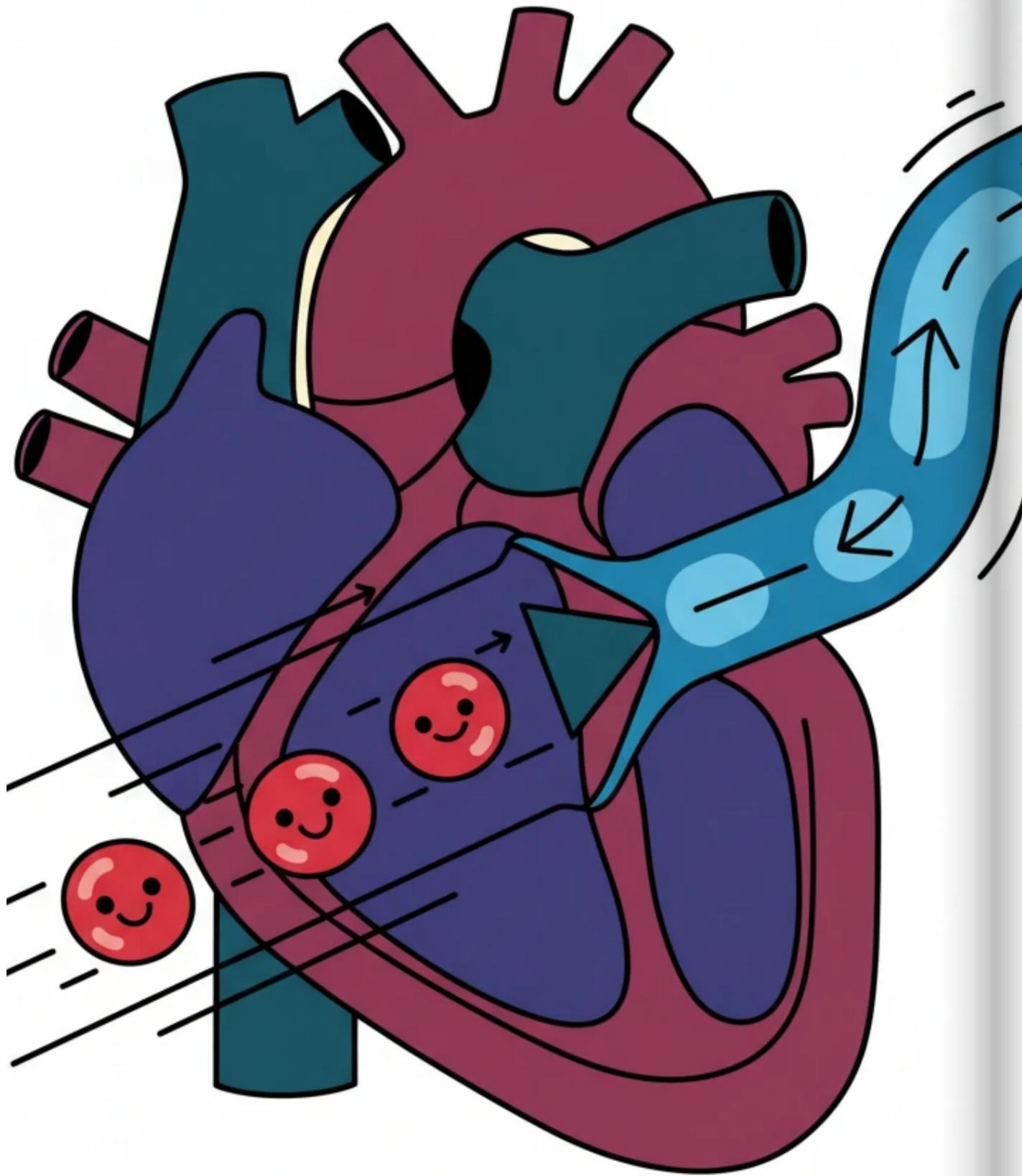
Lulu Ahmed



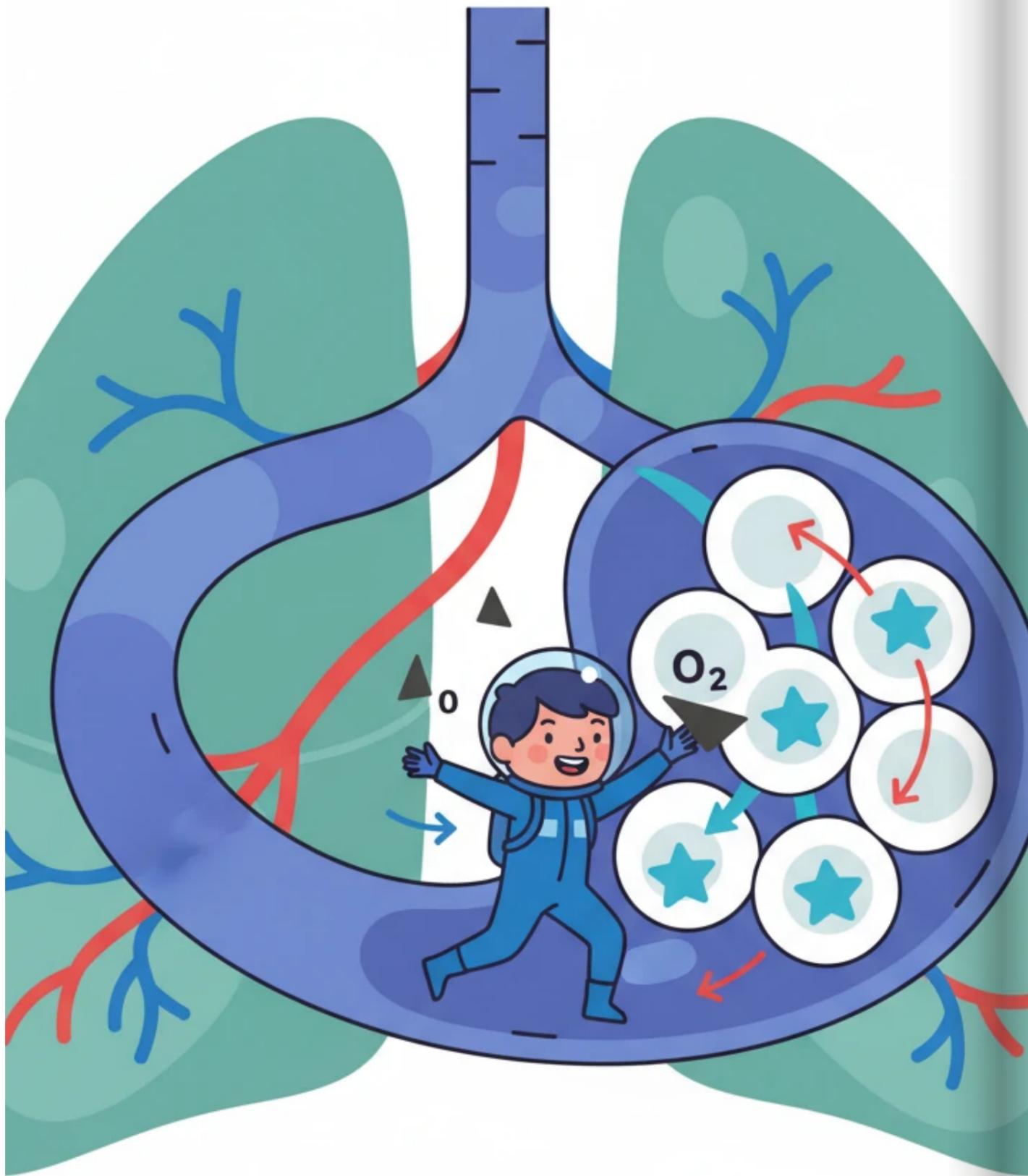
Meet Ruby, a cheerful red blood cell, feeling a little tired in Khalid's big toe. Khalid is a happy boy in Dubai, dreaming of building a magnificent sandcastle. Ruby knows she needs to pick up some fresh oxygen to help him play!



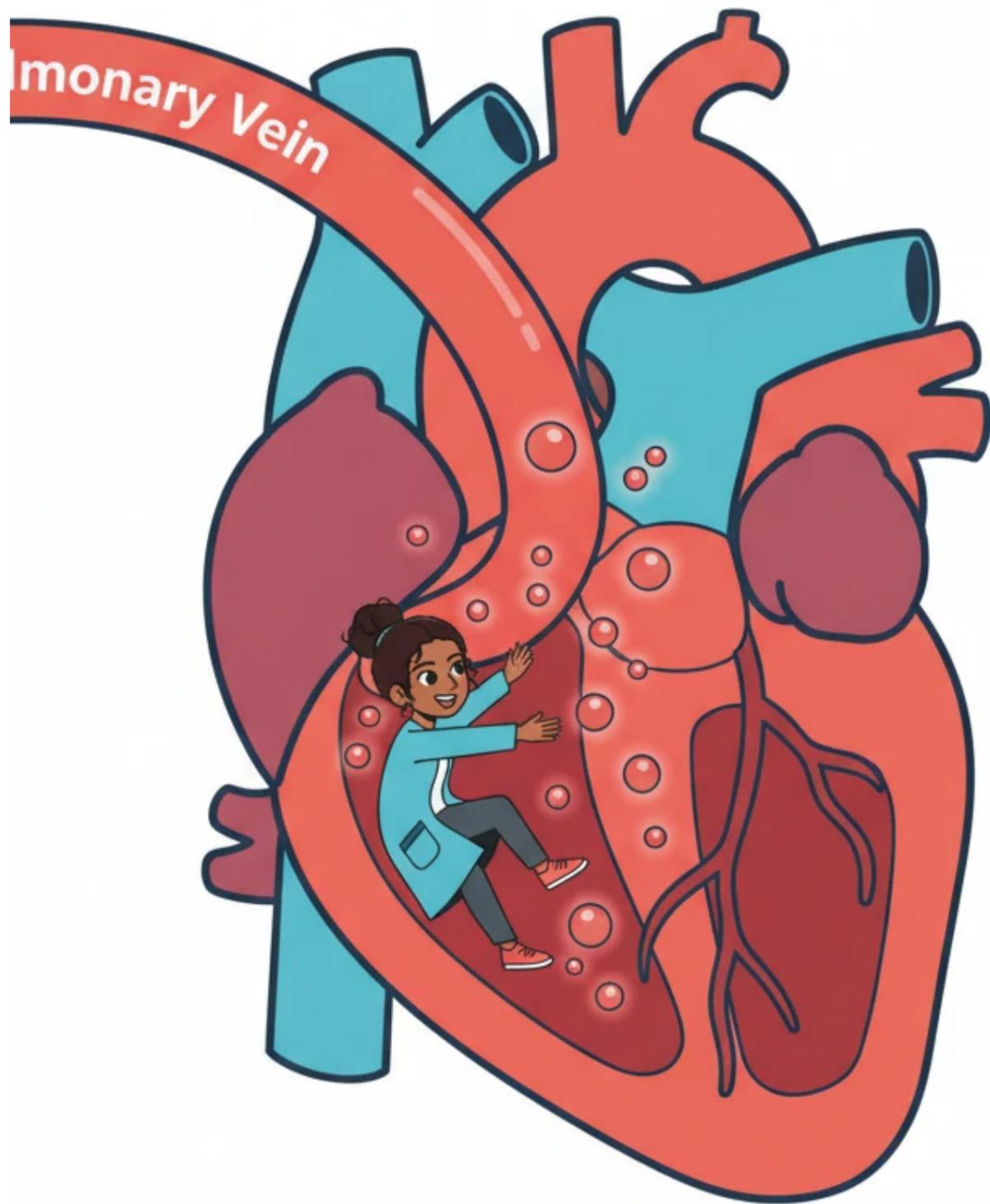
Ruby begins her long journey, flowing through a large blue highway called the Vena Cava. This important vein carries all the tired, oxygen-poor blood back towards Khalid's heart. Soon, Ruby arrives at the heart's first welcoming room, the Right Atrium.



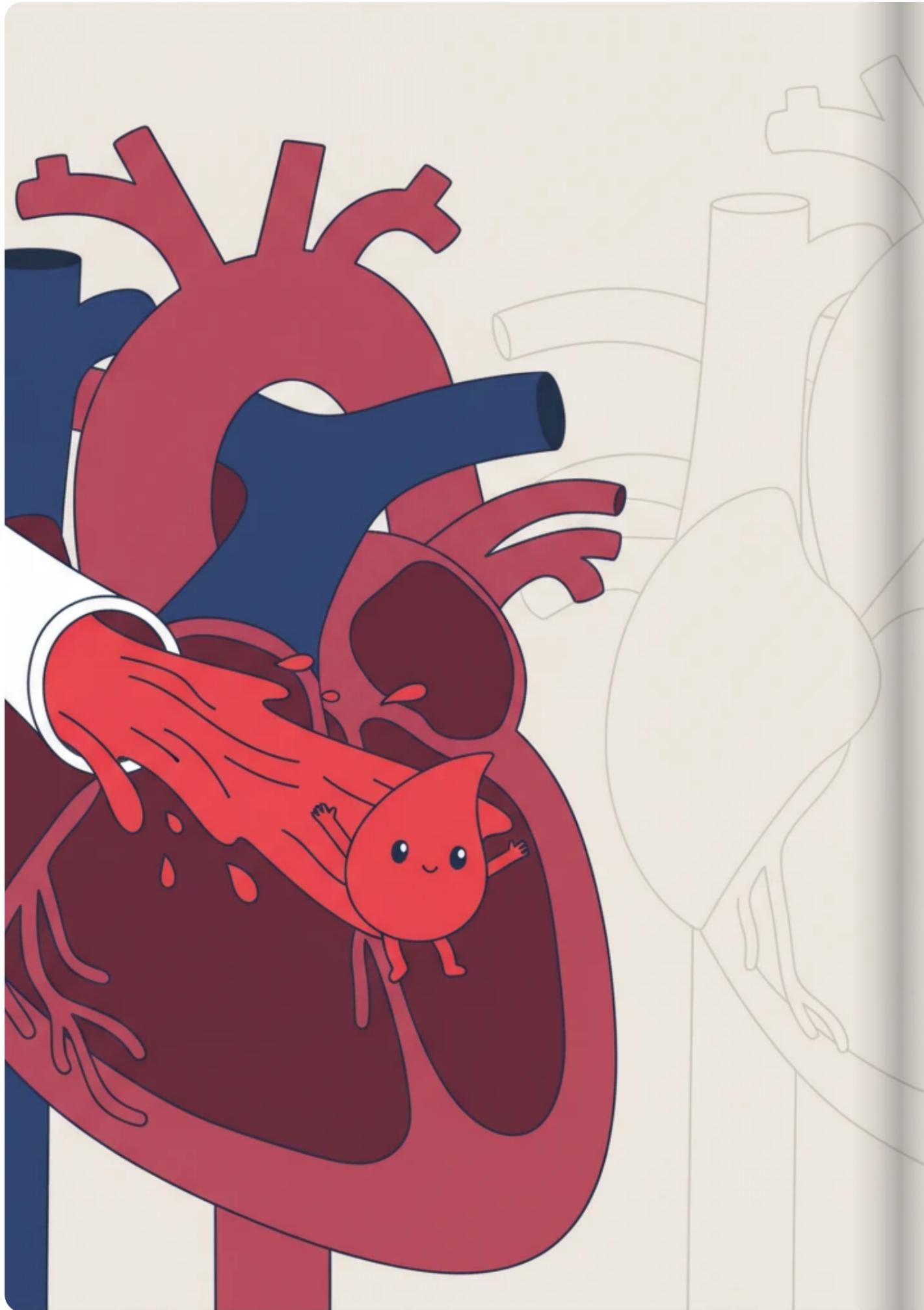
From the Right Atrium, Ruby gently pushes into the next chamber, the Right Ventricle. With a strong pump, the Right Ventricle propels Ruby and her friends into a new vessel: the Pulmonary Artery. This artery is special because it carries blood away from the heart, but it's still looking for oxygen!



The Pulmonary Artery quickly leads Ruby to Khalid's amazing lungs, an oxygen oasis! Here, Ruby meets tiny air sacs where she drops off carbon dioxide, a waste gas, and eagerly picks up fresh, vital oxygen. She feels a burst of energy!



Now full of oxygen, Ruby travels back to the heart through the Pulmonary Vein, a bright red highway. She enters the heart's other welcoming room, the Left Atrium. This side of the heart is ready to send her fresh oxygen to every part of Khalid's body.



From the Left Atrium, Ruby moves into the heart's strongest chamber, the Left Ventricle. This powerful muscle gives her the biggest push yet, sending her out into the largest artery of all: the Aorta! The Aorta is like a superhighway for oxygen-rich blood.



Zooming through the Aorta, Ruby branches off into smaller arteries, carrying oxygen to Khalid's brain, muscles, and even his fingertips! She helps him think clearly, run fast, and wave to his friends near the beautiful desert dunes of the UAE.



After delivering all her precious oxygen, Ruby feels tired again. She collects waste and begins her journey back to the Vena Cava, ready to return to the heart and lungs for another refill. What an incredible, never-ending adventure inside Khalid!