

Arrhythmia

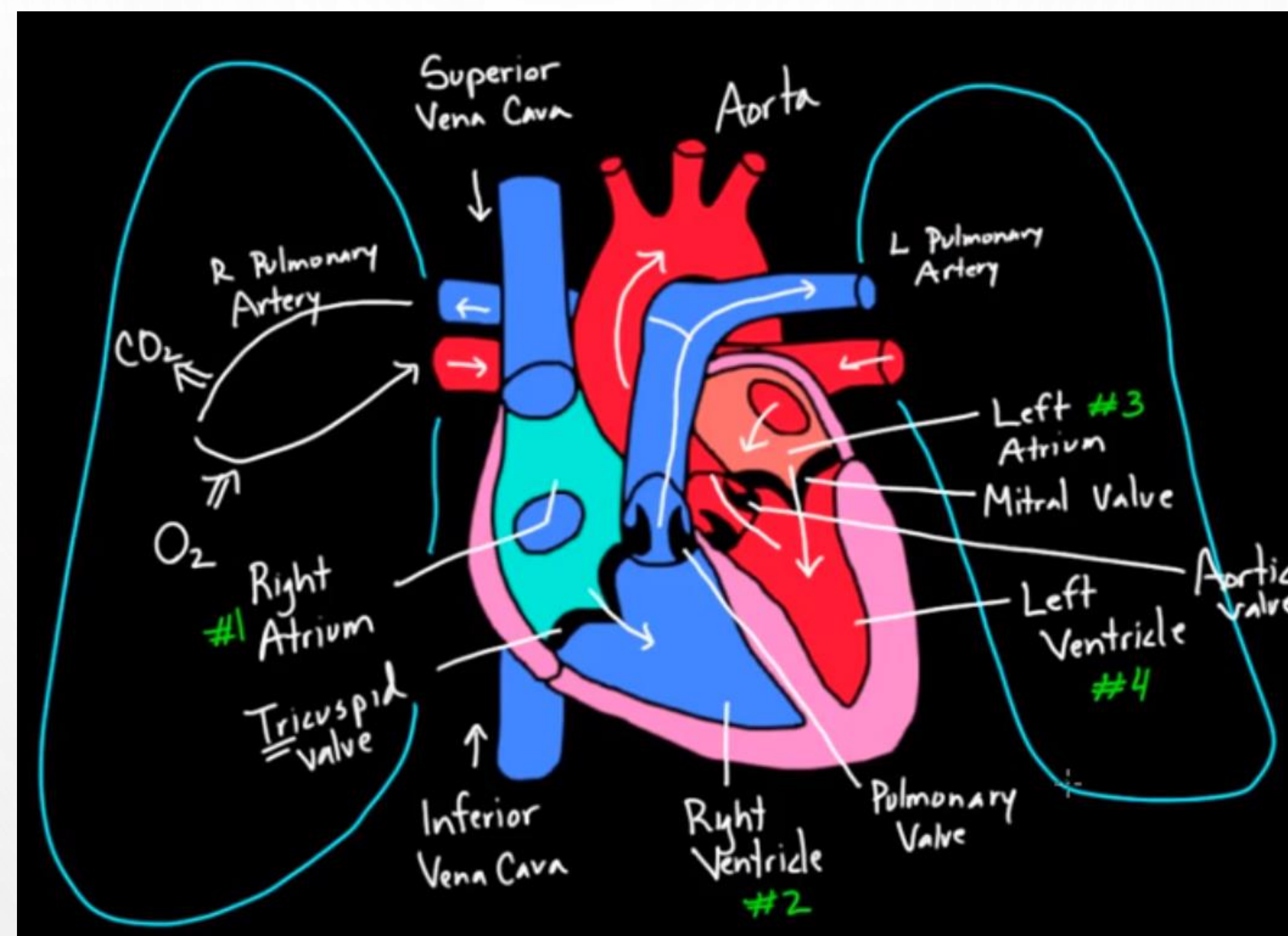
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Abstract

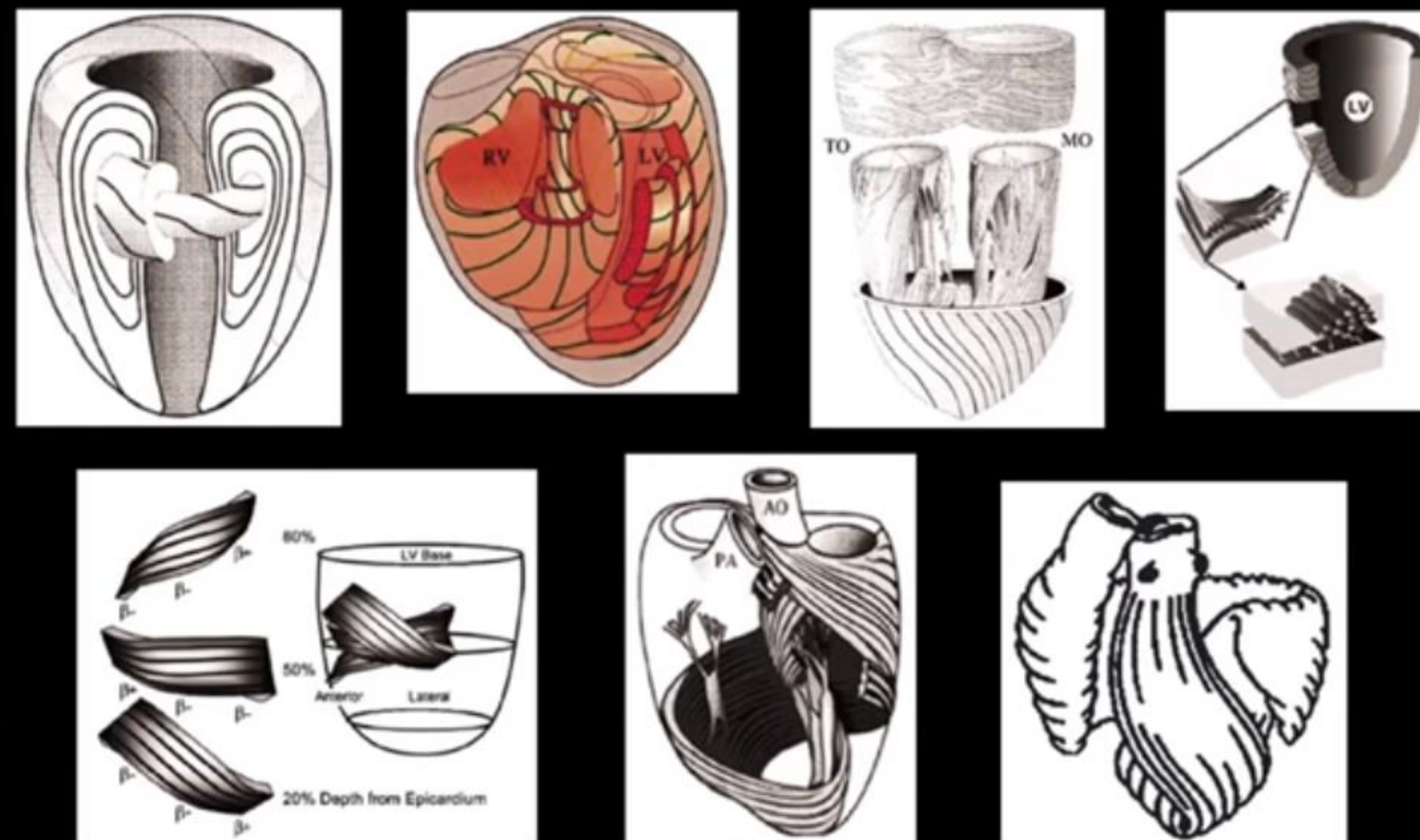
This semester I was invited to choreograph for the Zodiaque Dance Ensemble, a faculty directed company that requires a one-semester commitment. I based my modern dance piece entitled *Arrhythmia* off the anatomy of the heart. Through abstraction of literal anatomical function, the dancers represent the movement of blood through the organ itself, as well as the valves, the lungs, and ultimately the entire body. While I investigated the above, I was also interested in performance quality and chose to have the dancers represent empathy for what it would feel like to have an arrhythmia. The work premiered March 9-11th in the Center for the Arts' Black Box Theater.

Blood Flow



Heart "Architecture"

Models of Mammalian Ventricular Architecture



Stephen H. Gilbert et al. Eur J Cardiothorac Surg 2007;32:231-249

Process

- I began the work by focusing on spatial design
 - The dancers begin in a formation imitating the heart's anatomy
 - They spent the majority of the work representing the blood flow through the heart and the lungs
- The movement quality was inspired by the photos of the heart architecture: spirals, continuous movement, and weaving.

Conclusion

With a short period of time to choreograph and music I put together prior to choreographing, I found myself feeling dictated by my music. When I revisit this idea and expand this research, I will choreograph in silence to allow for the structure of the piece to develop alone before deciding what kind of music to add to it.

References

Sengupta, Partho. "Using Holography to Reshape Cardiology." *TEDMED*, 2016, www.tedmed.com/talks/show?id=622967.

Desai, Rishi. "Flow through the Heart." *Khan Academy*, 10 Oct. 2012, www.khanacademy.org/science/health-and-medicine/circulatory-system/circulatory-system-introduction/v/flow-through-the-heart.