Harvi is a first-of-its-kind, interactive, dynamic, integrated textbook and simulation-based environment for learning about cardiovascular physiology, hemodynamics and therapeutics.

The CVP course committee is providing this resource to you as a resource for self-directed study. It is a self-paced interactive, simulation-based textbook that is intended to provide a concise and rapid means of mastering fundamental concepts of cardiac mechanics and hemodynamics that should be understood by everyone studying cardiac physiology. The key concepts include those of preload, afterload, contractility, lusitropy, and gas exchange, and how these factors come into play in determining blood pressure, cardiac output and oxygen delivery. This resource has examples for you to try as well as self-assessment quizzes throughout. There are also how-to videos as well as TED talk-like videos to explain the basic concepts. After logging in, we recommend clicking on “Account/Layout>UTMB Advanced” to get access to the entire library of books and activities.

While this resource is not required, it does a very good job of explaining basic cardiac physiology and Starling curves so we recommend you look at it.

If you do decide to look at it, please drop me (Dr. Levy - rslevy@utmb.edu) an email at the end of the course to let me know if you felt it was valuable/worthwhile and whether you feel we should purchase it for next year. Also if you have any questions/problems using it, please contact me.

*** NOTE: It is optimized to work in Google Chrome but will work in other browsers.