

Information:

The registration for this trip will end on April 19th, 2019.

The sailing date is on June 20th, 2019.

On day 1, we will start the Cruise at the port of Capillaries. From there, we will travel through the veins and then make a stop at the super vena cava and then at the right atrium and at the pulmonary arteries, Lungs and Pulmonary Veins.

On day 2, we will stop at the left atrium and the left ventricle the cruise will take you through the Aorta, Abdominal Aorta and Trunk. The inferior vena cava is right before the right ventricle and then after that the pulmonary arteries.

On day 3, a stop at the Hepatic Artery will start our day then to the Liver, Hepatic Vein and last a stop at the Ascending Vein. On day 4, we will take a trip to the digestive tract then to the Hepatic Portal Vein.

On day 4, the Renal Arteries will start off the day followed by the Kidneys, Renal Veins and then it is down the the Pelvis and legs then to the Venous Valve, and then the Ascending Veins where we will end the day.

On the last day, the Inferior Vena Cava, then to the Right Atrium. Then the last stop on our cruise will be at the Pulmonary Arteries. The ship will dock on June 26th back at the port of Capillaries. We hope that you will enjoy the cruise!

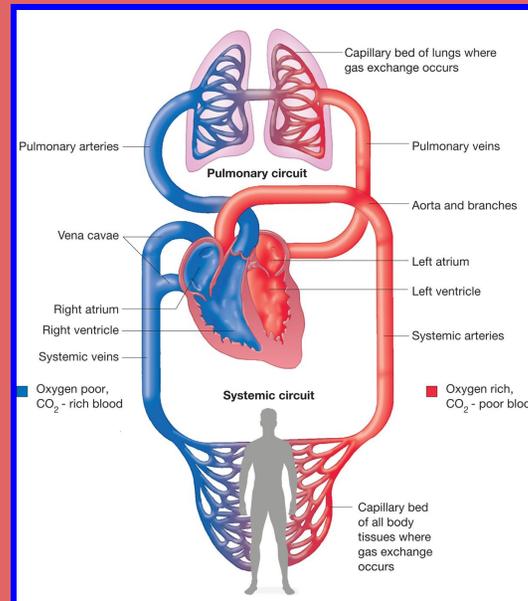
Websites Used:

<http://humananatomychart.us/human-circulatory-system-diagram/>

<https://www.livescience.com/39925-circulatory-system-facts-surprising.html>

<https://www.tripsavvy.com/best-cabin-on-a-cruise-ship-992216>

<http://humananatomylibrary.com/parts-of-a-circulatory-system/>



The Cruise through the Circulatory System

Mariah :: 8th hour



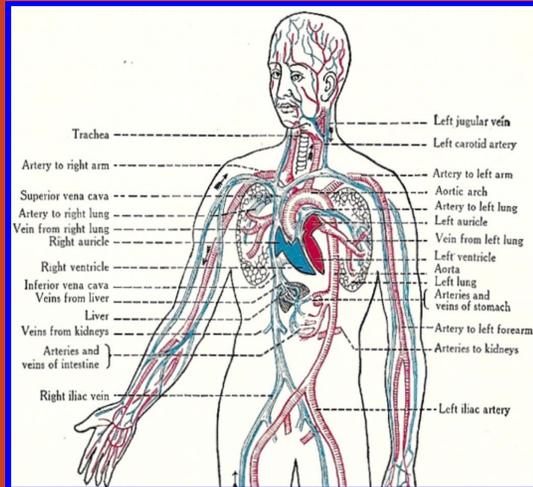
Join us on June 20th, 2019 on a cruise through the Circulatory System!

Important Information:

- Registration due: April 19th, 2019
- Set sail on June 20th, 2019
- All Meals included
- Contact us at 1-485-294-2884 or at

Bloodlinecruise.net@hotmail.com

Map of travel seen Below:



What does it do?

- **Super Vena Cava** -- receives air from its own branch of the bronchial tree
- **Right Atrium** -- pumps deoxygenated blood into the pulmonary veins
- **Pulmonary Arteries** --The heart pumps oxygen-depleted blood into the lungs via the pulmonary arteries.
- **Lungs** -- The cone-shaped lungs are sponge-like organs that fill the chest cavity and make up most of the lower respiratory tract. Their most important job is providing oxygen to capillaries so they can oxygenate blood
- **Pulmonary Vein** -- responsible for carrying oxygenated blood from the lungs back to the left atrium of the heart
- **Left Atrium** -- Its primary roles are to act as a holding chamber for blood returning from the lungs and to act as a pump to transport blood to other areas of the heart
- **Left Ventricle** -- As the heart contracts, blood eventually flows back into the left atrium, and then through the mitral valve, whereupon it next enters the left ventricle.
- **Aorta** -- The aorta originates from the left ventricle of the heart. It ends in the abdomen where it branches into the two common iliac arteries. The aorta has five separate segments.
- **Trunk** -- major vessel of the human heart that originates from the right ventricle. It branches into the right and left pulmonary arteries, which lead to the lungs
- **Inferior Vena Cava** -- Carries oxygen-depleted blood from the lower body to the heart
- **Right Ventricle** --Pumps Oxygen-depleted blood to the lungs
- **Liver** -- largest glandular organ in the body and performs multiple critical functions to keep the body pure of toxins and harmful substances.
- **Renal Arteries** -- The renal artery enters through the hilum, which is located where the kidney curves inward in a concave shape. Under normal circumstances, once the renal artery enters through the hilum, it splits into two main branches, which each then split into numerous smaller arteries, which deliver blood to different areas of the kidneys, known as nephrons.
- **Kidneys** -- important organs with many functions in the body, including producing hormones, absorbing minerals, and filtering blood and producing urine
- **Renal Veins** -- There are two renal veins, a left and a right. They branch off the inferior vena cava and drain oxygen-depleted blood from the kidneys.
- **Inferior Vena Cava** -- receives air from its own branch of the bronchial tree

