

COURSE: INTRODUCTION TO PHYSIOLOGY
BMHP5003

JOSEPH O UHUNMWANGHO
2030892

LECTURER: LAILA SURAMI
DATE: 30th October 2022

INTRODUCTION

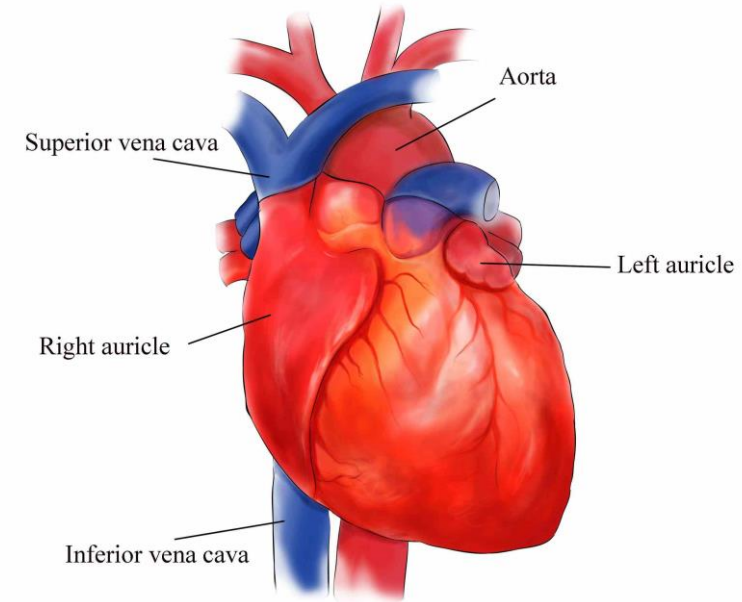
- Congestive heart failure[heart block] is a result of the corona disease which reduces or blocks the circulation of the blood.
- The constrain of the arteries prevent the supply of blood throughout the body.
- Failure of the electrically generated impulse causes heart block

Anatomy

The heart is like a fist of hand

it is divided into four parts, right and left upper arteries, and right and left lower ventricles

The heart has an inbuilt electric generated impulses to pump the blood.



Heart Anatomy Diagram Medicinebtg.com

PHYSIOLOGY

The heart pumps blood from the heart to other parts of the body.

The oxygenated blood is pumped from the heart to other parts of the body

The deoxygenated blood is returned back to the heart.

The heart pumps blood 60 times within a minute at a normal situation.

A peacemaker is connected to generate electrical impulses when the inbuild fails to power the SA

[Lonely and Sad Woman Smoking](#)

Depressed Woman Smoking

QUESTIONNAIRE OF THE PATIENT 'A'

The patient is Mr 'A', 65 years old, born British.

He is a deadly smoker and other substances.

Excessive drinking of alcohol without limit.



LIFESTYLE OF PATIENT 'A'

Excessive smoking of tobacco, and other substances

Drinking alcohol without limit.

RISK FACTOR

- High blood pressure.
- High cholesterol, and other related illnesses
- Obesity
- Diabetic

RECOMMENDATION

- Adequate enlightenment campaign to advise the public against the lifestyle and risk factors that lead to heart failure.
- Two charity-registered organisations in the UK that help patients with heart problems due to their own lifestyle are:
 - British heart foundation, Uk
 - and
 - Heart Uk – charity organisation [cholesterol]

CONCLUSION

- Due to the importance of the anatomy and the physiological analysis of this presentation, effort should be intensified by patient 'A' to change his Lifestyle and Risk factors;
- The patient should be made to attend a training program on healthier life well-being.
- The charity organisation should continue to support the patients in well-being programs

REFERENCES.

- [The Anatomy of the Heart, Its Structures, and Functions \(thoughtco.com\)](http://thoughtco.com)
- Nusbaumer B, Rosalva H. Diagnosis of heart failure: the new classification of heart failure. Vinit Lek. 2018 Fall;64(9):847-851
- Savarese G, Lund LH. Global Public Health Burden of Heart Failure. Card Fail Rev. 2017 Apr;3(1):7-11.
- <https://www.nhs.uk/conditions/heart-failure/?src=conditionswidge>
-
- Zairian B, Funaro GC. Epidemiology and aetiology of heart failure. Nat Rev Cardio. 2016 Jun;13(6):368-78.