



Anatomy and Fiziology Human Heart and Circulation System on Thematic Badges and Broshes

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Abstract

This original research article presents materials from a study devoted to the issue of representation of the anatomical structure of the human heart and functioning, its cardiovascular system, as reflected in such a collecting tool as phaleristics, on thematic badges. In total, the article presents 206 thematic badges and 4 brooches dedicated to the anatomy of the heart and the physiology of the human cardiovascular system [2].

Keywords: Anatomy; Human Heart; Cardiovascular System; Phaleristics; Thematic Badges; Brooches; Screenshots

Introduction

Modern medical science is represented by a large number of medical and auxiliary, biomedical disciplines. Human anatomy and physiology occupy a special place of honor among them. It is not surprising that almost all means of modern collecting, including phaleristics, with their images on thematic badges and, in part, brooches, are devoted to the anatomy and physiology of the heart and the human cardiovascular system. The author of this article tried to present them in his research [2].

Aim of Study

The purpose of writing this author's research article, thematically dedicated to the issue of studying the representation of such an important medical discipline as human anatomy and, in particular, the anatomy of the heart and blood vessels of the human body, and the physiology of the cardiovascular system, in such a means of collecting as phaleristics, on thematic badges and brooches dedicated to these disciplines.

Material and Methods

When writing this article, its author used the method of literary critical analysis of the issue he was investigating. For this purpose, the means of the world Internet, websites, and Internet pages of communities of collectors working with collectibles, in medicine - philately, numismatics, phaleristics, were actively used. It should be noted that when preparing this article, its author did not find a

single article on a similar topic on the Internet, either professional, medical, or on the Internet pages of collectors writing in the direction of anatomical and phaleristic medical topics and, in particular, in the field of human anatomy, his heart and cardiovascular system! All found phaleristic materials devoted to the anatomy and physiology of the heart and cardiovascular system were converted by the author of the article into screenshots, with a mandatory, strict indication of the sources of their borrowing, in order to respect the copyrights of their owners!

Results and Discussion

I would like to start my story-presentation of phaleristic materials with a small selection of thematic badges, both in color and black and white - 168 copies in total, dedicated to the anatomy and physiology of the cardiovascular/circulatory system, the systemic and pulmonary circulation of humans, and shown in Figure 1 [1-10].

In Figure 2, in a large phaleristic selection of thematic, anatomical badges, the most diverse are presented in their artistic execution, both color and black and white, which depict the human heart, both in whole form and in longitudinal section, sometimes presents heart valves, cardio-vascular circulation and the conduction system of the heart, as well as the physiology of blood movement in the heart, with the movement of blood flow in the heart, during systole and diastole, as well as large vessels of the heart - the aorta, pulmonary and carotid arteries [1-10].



Figure 1: Schematic representation of the circulatory/cardiovascular system, systemic and pulmonary circulation of humans.



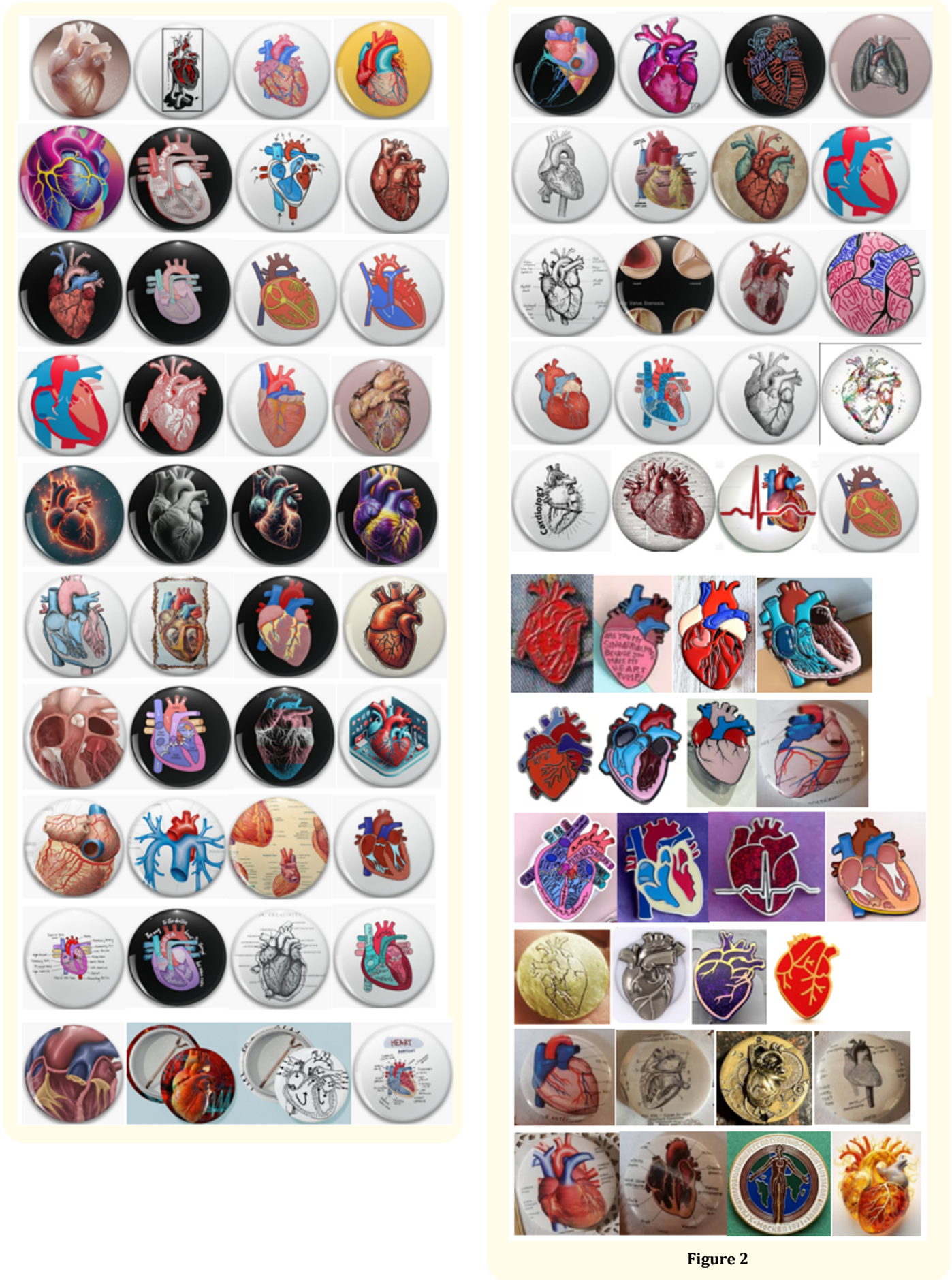


Figure 2

In a small thematic faleristic sidebar, in Figure 3, there are 5 badges depicting on their front part the elements of arterial and venous circulation in humans [1-7].

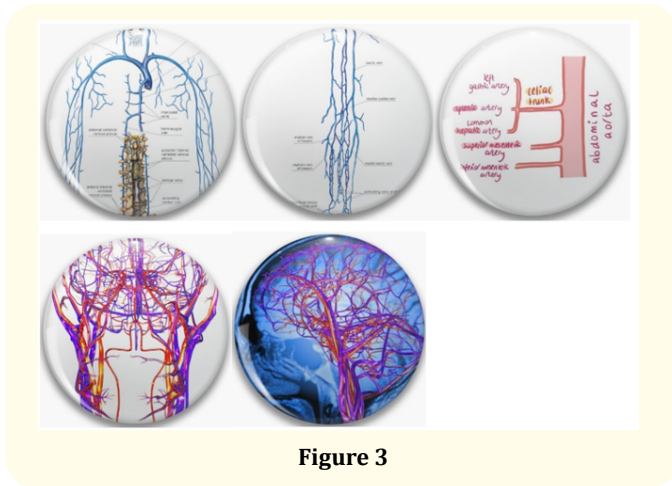


Figure 3

In the next small collection, presented in Figure 4, and consisting of 32 thematic badges, on the front side of which, in the drawings, the blood supply system of various organs is presented - arteries, veins, capillaries, the circulatory system of the human body [8-10].

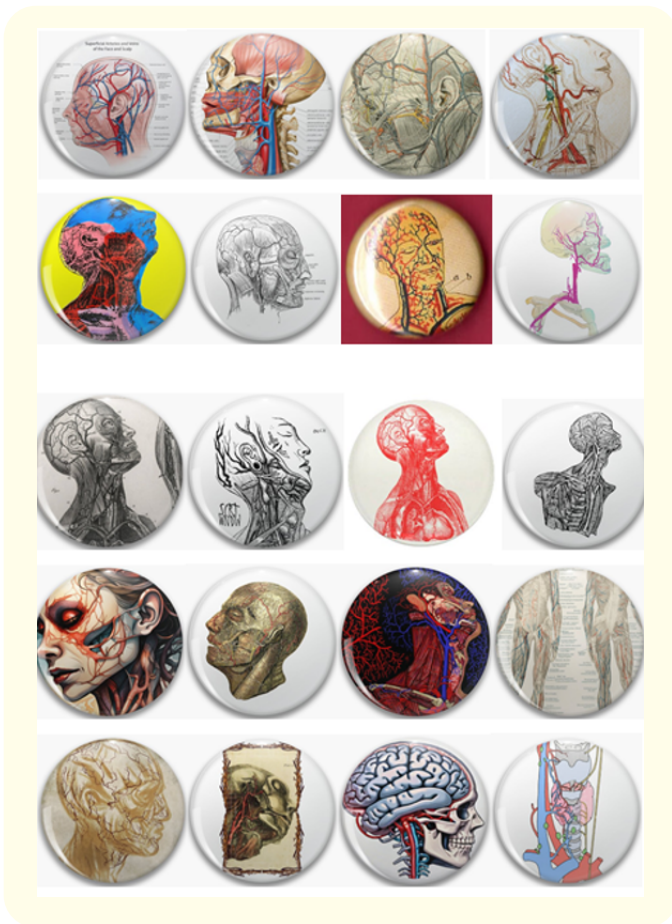


Figure 4: A selection of thematic icons dedicated to blood circulation, both arterial and venous, in different organs and parts of the human body.

This concludes another author’s research article devoted to the anatomy and physiology of the heart and cardiovascular system, as well as the circulatory system and blood supply to a number of human organs and parts of the body, in reflection of such a means of collecting as phaleristics, on thematic badges, both domestic.

Conclusions

- The author of this anatomical research article, in a fairly complete volume, presents the anatomy of the heart and the human cardiovascular/circulatory system, reflecting this type of collecting as phaleristics, on thematic, anatomical badges.
- The purpose of the study, stated by the author of this article, was fully implemented and achieved.
- The use, as illustrations, of screenshots of thematic anatomical badges, both in color and black and white, is quite appropriate, and significantly complemented and embellished this article.

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