

Research Article

Human Dental Anatomy and Dentistry, In Reflection of a Number of Collectibles

Konstantin Anatolyevich Bugaevsky

Department of Medical and Biological Foundations of Sports and Physical Rehabilitation, The Petro Mohyla Black Sea State University, Nikolaev, Ukraine

Corresponding Author: Dr. Konstantin Anatolyevich Bugaevsky, Assistant Professor, The Petro Mohyla Black Sea State University, Nikolaev, Ukraine.

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Abstract

This author's article presents the results of a study devoted to the presentation and analysis, in a number of collecting means, such as philately and phaleristics, collection materials devoted to the anatomy and physiology of human teeth, and dentistry, as one of the important areas of medical science.

Keywords: Human Teeth, Anatomy, Dentistry, Collectibles, Philately, Phaleristics.

1. Introduction

Questions that relate to the study of various aspects of medical sciences, including anatomy and dentistry, are always relevant and in demand! Of particular interest are research articles that combine, unite, both medicine and its reflection in different means of collecting! In particular, issues of the anatomy of human teeth and the problems of modern dentistry, in the reflection of such means of collecting as philately, on postage stamps, envelopes, postal blocks and special postage stamps, as well as in the reflection of this type of collecting - on thematic badges. It is precisely this symbiosis of the areas of focus of this research that this author's research article is dedicated to. To begin my story about the reflection of dentistry and the anatomy of human teeth in various means of collecting, I would like to start with the issues of reflection of dentistry in philately.

For many centuries, interest in such a branch of medical science as dentistry has not waned, in all the diversity of its areas. Human teeth and oral cavity ensured his evolutionary survival and progress in the consumption and assimilation of various types of food included in the human diet, both ancient and modern. The study of teeth, both intravital and postmortem, constitutes a special direction for study and scientific and theoretical justification in such scientific fields as paleontology, archeology, forensic medicine, anthropology and pathanatomy. It is not surprising that all this variety of areas of dentistry has found a worthy reflection in modern means of collecting, such as philately (collecting postage marks, such as postage stamps, envelopes, blocks, post-

cards, etc.), numismatics (collecting coins and tabletops), commemorative medals) and phaleristics (collecting awards, breastplates, badges, etc.). These areas of collecting are auxiliary, applied sciences, informative and creative, and quite fully complement any scientific direction, incl. in biology and medicine [1, 2]. Naturally, within the framework of one short article, we can present all the richness and variety of existing collectibles telling about dentistry.

2. Material and methods

When writing this original research article, its author used methods such as literary critical analysis of all available materials. On the issue under study, including Internet sites and pages of collectors involved in medicine and, in particular, dentistry, in such types of collecting as philately and phaleristics. It should be noted that no articles on similar topics, either by domestic or foreign authors, were found! In keeping with this, this author's article can be considered innovative in this area of research!

3. Results and discussion

I would like to start my story by reflecting the study of the structure and function of teeth, the structure and functioning of the jaws and mouth, in paleontology, anthropology and archeology, in the presentation of philatelic means, which are presented in Fig. 1, on postage stamps of Jersey, Nepal, Palau, South Africa, Kenya, Uganda, Chad, Cuba and the postmark of the Federal Republic of Germany [3-16].



Figure 1: Philatelic materials dedicated to the study of teeth in paleontology and archeology

Next, I would like to move on to presenting the oldest materials, which are represented by non-postal advertising stamps and postcards that carry information about various drugs and services related to the prevention and treatment of diseases of the teeth and/or oral cavity. Such stamps and post-

cards were very popular in the 9th and early 20th centuries, especially in Europe and the USA and, subsequently, in other countries of the world. These materials are shown in Fig. 2 [10, 15, 17, 20, 26, 27].



Figure 2: Non-postal advertising stamps dedicated to dentistry

Speaking about dentistry, one cannot fail to mention the people who stood at the origins of this medical discipline. There are many of them, but within the framework of this article, I would like to mention only a small number of them, captured in the world's philatelic means. The historical figure

of the French doctor, founder of operative dentistry, Pierre Fauhard, is presented most fully [12, 18, 19, 24]. Materials, such as philatelic postage stamps, first day envelopes, maps of France and Lebanon), and numismatic (commemorative medal), are presented in Fig. 3 [12, 18, 19, 24].



Figure 3: Collection materials dedicated to Pierre Fauhard

Speaking about dentistry and its history, it is impossible not to remember the Christian saints, patrons of dentistry, Saint Apollonia [4, 7-11, 21]. Philatelic materials (postage stamps,

envelopes, and card maxima of Austria, San Marino) dedicated to these dental patrons are presented in Fig. 4 [4, 7-11, 21].

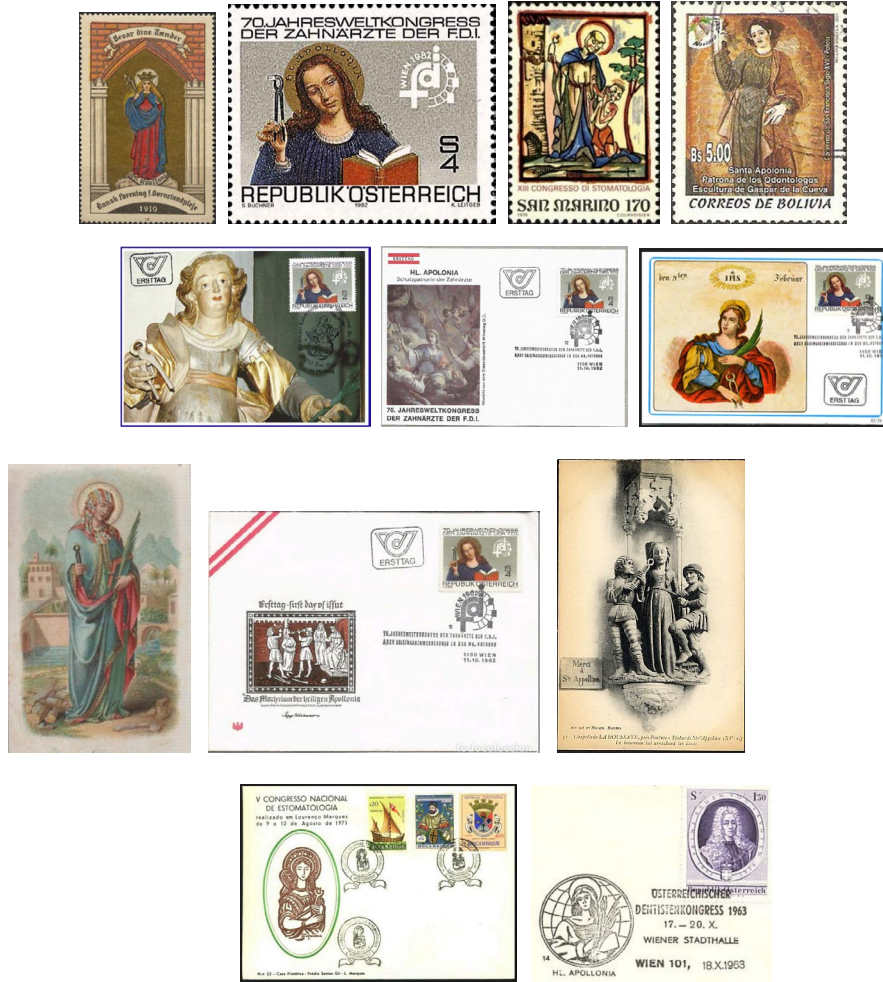


Figure 4: Philatelic materials dedicated to Saint Apollonia

In Fig. 5, presents a selection of philatelic materials that are dedicated to dentistry of past centuries - medical instruments, scenes of dental care, dental services offered [6-11].



Figure 5: Philatelic materials dedicated to the history of dentistry

Next, I would like to present postage stamps dedicated to modern dentistry and a variety of dental services, instruments and dental equipment, which are shown in Fig. 6 [3, 5, 6, 9, 22].



Figure 6: Modern dental equipment and instruments, reflecting philately

The following, Figure 7, presents a number of products for dental care and oral hygiene, such as: dental floss, toothbrushes and toothpaste, of different models, reflecting philately products [5-11, 13, 14, 20, 25].



Figure. 7: Oral hygiene and dental care products, reflecting philately

Also, there are numerous philatelic materials dedicated to international congresses of dentists and national dental as-

sociations, as well as their anniversaries, which are presented in Figure 8 [5-11, 13, 14, 20, 25].



Figure 8: Teeth, their preventive examinations and treatment, issues of oral hygiene, as reflected in philately means

In conclusion of the philatelic review of materials on dentistry and its areas, I would like to present a selection of special cancellation postmarks from different countries of the

world, with original seal drawings, which are presented in Fig. 9 [5-11, 20, 25].





Figure 9: Special postmarks dedicated to dentistry

The anatomy of human teeth, both in the upper and lower jaws, as well as dental drawings and scenes, are presented in collectible miniatures of such a popular type of collecting as

phaleristics. So, in particular, in Figure 9, a small phaleristic selection is presented, consisting of 33 thematic badges dedicated to the anatomy of human teeth [28-30].





Figure 10: Faleristic selection of thematic badges dedicated to the anatomy of human teeth

Figure 10 shows a small selection of thematic badges dedicated to dentistry - 25 copies [28-30].



Figure 11: A selection of thematic badges dedicated to dentistry

This concludes the presentation of the materials of another author's article, dedicated to the presentation of materials, a study conducted on the representation of the anatomy and physiology of human teeth and dentistry, in reflection of such means of collecting as philately and phaleristics.

4. Conclusions

- In this research article, its author, in a fairly complete volume, managed to reveal the stated purpose of the research he conducted.
- Screenshots of illustrative, philatelic and phaleristic materials presented in this article are informative, complete and colorful, complement and enrich the presented text material of the article.

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