

Nikolay Amosov – 110 years old: to the Memory of a Famous Ukrainian Cardiac Surgeon – Dedicated!

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Abstract

This research article is dedicated to the 110th anniversary of the birth of the great Ukrainian and world cardiac surgeon and scientist, academician of the Academy of Medical Sciences of Ukraine, Nikolai Mikhailovich Amosov (1913-2002). All illustrative material in this article is presented by screenshots of various collection materials - philately, faleristics, numismatics, taken from the Internet, and richly decorated this author's article. In total, this article presents -10 collection materials.

Previous article: Nikolay Amosov, cardiac surgery, collecting, philately, faleristics, numismatics.

Aim of study:

The purpose of this article is to reflect the memory of the great Ukrainian heart surgeon. Nikolai Mikhailovich Amosov, in the year of his 110th birthday, in such collecting means as philately, faleristics and numismatics, on postage stamps, envelopes and blocks, on commemorative coins, medals, and badges.

Material and methods:

When writing this author's research article, the method of literary critical analysis was actively used, first of all, Internet pages, both medical and on the history of medicine, collection philatelic, faleristi, and numismatic sites. As illustrations, the author used screenshots of selected illustrations, with a strict indication of the sources of their borrowing, in order to comply with copyright.

Keywords: cardiac surgery; famous cardiosurgeons; philately; postage stamps; faleristics; commemorative medals; numismatics; commemorative coins; badges

Introduction

When studying the life and work of famous people, you always want to go beyond the meager lines of an official biography and learn something new about a person, see a new, unusual facet of the memory of him and his life's feat, look at everything in a new way, in a different way. This task is perfectly fulfilled by involving such auxiliary sciences as philately, phaleristics, numismatics, bonistics and a number of others in the study of biographies and milestones of the lives of heroes of medicine, which, recently, have attracted both domestic and foreign scientists to the study of the history of medicine. Collecting opens up new horizons for the researcher, enriches and complements existing data both about the person himself and about the events associated with his name [1, 4]. Moreover,

in 2018 it was already 105 years, and in 2023 – 110 years since the birth of the scientist.

Results and discussion:

In this article I would like to talk about the scientific and medical feat of the famous scientist, heart surgeon, writer, inventor - academician Nikolai Mikhailovich Amosov (1913-2002). Nikolai Amosov (1913-2002) is a legendary doctor, a talented cardiac surgeon, known for his achievements in the field of surgical treatment of lung diseases, as well as in the field of modeling mental functions of the brain. A brilliant scientist in the field of medicine and biocybernetics; full member of Nasu, director of the Institute of Cardiovascular Surgery, writer [3, 4]. "I saw the sky! Surgery

has given me passions that nothing else can give me. I am a creator. I am a performer. Conscience is my main judge,” wrote the outstanding surgeon. During his life, he saved thousands of hearts, and his work lives on even now - in his students, his patients. During this period, a significant number of philatelic, faleristic and numismatic collection materials dedicated to him were released [4-10].

In memory of the 100th anniversary of the famous Soviet and Ukrainian cardiac surgeon, academician N.M. Amosov, 06.12.2013, the Ukrainian Post issued a postage stamp (Fig. 1a), a special cancellation postmark (Fig. 1b), a coupling stamp (Fig. 1c), a small sheet (Fig. 1d) and a first day envelope (FDC) - rice. 1 year the stamp and all other philatelic materials were printed at the “Ukraine” Printing Plant for the production of securities.” A special cancellation took place in Kyiv [4], philatelic materials dedicated to this significant event are presented in Fig. 1 [4-5]. I would like to explain to our dear readers a number of philatelic terms: “Small sheet, or kleinbogen (from German klein - small and Bogen - sheet), is a small sheet of postage stamps. It is a cross between a postal block and a postal sheet of stamps” [2].

In this small sheet dedicated to the 100th anniversary of N.M. Amosov 12 single-story stamps with a portrait of a scientist (Fig. 1d). Let us continue the explanation: “A coupling - in philately, these are several (from two: a pair, a triptych, a strip) postage stamps, differing in image, denomination or color, printed on one stamp sheet and not separated from each other, united by a common element of the design or placed text throughout the entire coupling, while each stamp can be separated and used separately in postal circulation” [2]. And one more thing: “The first day envelope is a special unmarked envelope on which affixed postage stamps or blocks are canceled on the first day of their issue. Envelopes refers to whole things and is an independent collectible item (philatelic envelope) [2]. Here is an explanation of another philatelic term: “Special cancellation, abbreviated special cancellation, is a postal cancellation specially organized by the postal service in honor of an outstanding event or memorable date” [2]. In our case, on the 100th anniversary of the birth of Academician N.M. Amosov.



Figure 1a – postage stamp; 1b – special cancellation postmark; 1c – coupling mark



Figure 1d – small sheet; 1e - first day envelope dedicated to the 100th anniversary of the birth of N.M. Amosov

The following thematic selection is dedicated to perpetuating the memory of N.M. Amosov in medal art and on departmental and anniversary (to the 100th anniversary of the scientist's birth) breastplates, which were issued both in Ukraine and Russia in 2013, presented in Figure. 2 [7-9]. In Fig. 2a shows a commemorative medal issued by the Russian Association of Traditional Medicine in 2013, dedicated to the 100th anniversary of the scientist. This medal was awarded to the laureates of the creative meeting

of the Association's professionals, called the “Health Festival” [7]. In Fig. 2b and 2c show 2 versions of a commemorative breast medal on a block with the name of the university, issued by the administration of the Northern State Medical University, Arkhangelsk, in 2 versions, with a relief image of the scientist's profile and a signature at the bottom left of the portrait “N. M. AMOSOV” [8].



Fig. 2a



Fig. 2b

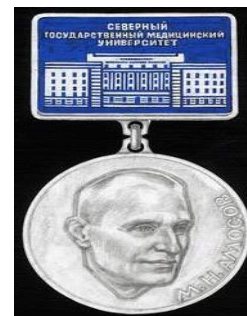


Fig. 2c

Figure 2a-d. Breastplates and a commemorative medal in honor of N.M. Amosova

At the top of the medal is an image of the building of the Northern State Medical University. In the middle of the medal block is the inscription “Northern State Medical University” [8]. And this is not accidental, since in 1939 Nikolai Mikhailovich graduated with honors from the Arkhangelsk State Medical Institute [8]. This medal is awarded for special achievements in research and educational activities [8]. Also of great

collectible value is a commemorative tabletop medal (gilded brass), issued by the National Academy of Medical Sciences of Ukraine in 2013 (Figure. 2d) and dedicated to the 100th anniversary of the scientist. The obverse (front side) of this commemorative medal depicts a profile portrait of N.M. Amosov, the years of his life “1913-2002”, and the inscription at the top of the medal in Ukrainian “Mikola Amosov” [9].



Figure 2d. Commemorative medal in honor of N.M. Amosov:

The obverse of this medal is absolutely identical to the obverse of the commemorative coin of Ukraine, also issued for the 100th anniversary of Academician N.M. Amosov, shown in Figure. 3. On the reverse (back side) of the medal, along its contour there is an inscription in Ukrainian “National Academy of Medical Sciences of Ukraine”, in the center of this medal there is an image of the “Vitruvian man” based on the famous drawing by L. da Vinci and above it there is an inscription in Ukrainian “For Outstanding Achievements” – in Russian “For Outstanding Achievements”, which indicates the grounds for awarding this medal to its nominees [9]. A commemorative coin with a face value of 5 Ukrainian

hryvnia (silver) - from the series “Outstanding Personalities of Ukraine” “Nikolai Amosov”, issued in honor of the scientist’s centenary by the National Bank of Ukraine and put into circulation on November 26, 2013, is shown in Figure. 3 (obverse and reverse) [5, 10]. A commemorative coin with a face value of 5 Ukrainian hryvnia (silver) - from the series “Outstanding Personalities of Ukraine” “Nikolai Amosov”, issued in honor of the scientist’s centenary by the National Bank of Ukraine and put into circulation on November 26, 2013, is shown in Fig. 3 (obverse and reverse) [5, 10].



Figure 3. Commemorative coin of Ukraine, in honor of the 100th anniversary of Academician N.M. Amosov

The coin is dedicated to the legend of world science, an outstanding scientist in the field of medicine and biocybernetics, public figure, academician of the National Academy of Sciences and the Academy of

Medical Sciences of Ukraine, founder and director of the Institute of Cardiovascular Surgery - Nikolai Mikhailovich Amosov. Nikolai Amosov saved thousands of people thanks to his great love for them and

a sense of responsibility for their lives [3-4]. On the obverse of the coin at the top there is a small State Emblem of Ukraine and the inscription in a semicircle "National Bank of Ukraine"; in a circle there is a stylized image of an electrocardiogram, in the center of which is the heart; on the right is the year of minting of the coin: 2013 and at the bottom in a semicircle the denomination is Five Hryven. The reverse of the coin depicts a portrait of Nikolai Amosov, with the inscription at the top: Nikolai Amosov; on the left, years of life – 1913/2002 [5, 10]. Artists: Natalya Fandikova (obverse), Vladimir Taran, Alexander Kharuk, Sergey Kharuk (reverse) sculptors Svyatoslav Ivanenko, Roman Tchaikovsky [5, 10].

Conclusions

1. In modern means of collecting, materials relating to the life and work of N.M. are educationally and widely presented. Amosov, a world-famous doctor and scientist.

2. Modern means of collecting, such as philately, faleristics and numismatics, cover this topic extensively, informatively and colorfully and have a significant amount of collection material that will enrich the consideration of the biography of Academician N.M. Amosov, when studying his medical and scientific activities in the history of medicine.

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