



A CONTRIBUTION TO THE DEVELOPMENT OF MEDICINE CLAUDIUS GALEN


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A short biography of Claudius Galen

Galen (Greek Γαληνός; 129 or 131 years - about 200 or 217 years, possibly 215 years - an ancient Roman physician, surgeon and philosopher of Greek origin. Galen made a significant contribution to the understanding of many scientific disciplines, including anatomy, physiology, pathology, pharmacology and neurology, as well as philosophy and logic.



CLAUDE GALIEN



The son of a wealthy architect, Galen received an excellent education, traveled a lot, collecting a lot of information on medicine. Having settled in Rome, healed the Roman nobility, eventually becoming the personal physician of several Roman emperors.

His theories have dominated European medicine for 1300 years. His anatomy, based on the dissection of monkeys and pigs, was used until the work “On the structure of the human body” by Andreas Vesalius appeared in 1543, his circulatory theory lasted until 1628, when William Harvey published his work “Anatomical study of heart movement and blood in animals”, which described the role of the heart in blood circulation. [10] Medical students studied Galen until the 19th century, inclusive. His theory that the brain controls movements with the help of the nervous system is still relevant today.

DEFICIENCIES IN THE ANATOMY OF GALEN

Although Galen knew quite a bit about anatomy, working with wounded gladiators, the ban on opening the human body in Rome meant that his anatomical studies should be carried out on animals. He performed autopsies on pigs and Barbary monkeys. Galen found that an autopsy was the best way to study anatomy. Some of his mistakes arose because he could not open human bodies, using pigs and primates to study the bodies.

By the way, the Barbary monkeys did not have an appendix, therefore, they did not know anything about the appendix. There was an appendicitis disease, but the appendix was not the reason for this.

A CONTRIBUTION OF CLAUDIUS GALEN TO THE DEVELOPMENT OF PHARMACOLOGY

Speaking about the contribution of Claudius Galen to the development of pharmacology, the following should be said:

unlike Hippocrates, who believed that in nature all medicines were given ready-made, Claudius Galen introduced the practice of extracting useful substances from natural materials, mainly from plants

- Such drugs are still called galena.
- Introduced new forms of medicines: soaps, juices, compresses, lotions, poultices, oils
- first introduced the rules for prescribing prescription drugs

Министерство здравоохранения
 Видно: Московская Федерация
 Наименование: Центральная районная больница
 Моск. обл., Ленинский район, Видное г., Таволжская ул. д.15
 учреждение

Кат. форма: Форм. 01 Куд 3108/05
 Медицинский ЖБУ №11111111
 ФОРМА № 148-02/88
 Учреждения Минздрава России
 1997 г.

Серия: 1148-01 Вид. № 11111111
 (дата вступления в действие) г.

РЕЦЕПТ

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Рецепт действителен в течении 10 дней, 2 месяцев (не нужно завернуть)

