HERNIA IN ANCIENT HELLENIC ART. A PARADIGM OF BLENDED COURSES OF ANATOMY AND SURGERY, OR A VOTIVE OFFERING IN THEURGICAL MEDICINE?

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ABSTRACT

Hernia was a common problem in Hellenic antiquity as we may infer by a plethora of references in ancient Greek and especially in Byzantine medical literature. However, in ancient Greek art there discovered only two examples representing this rather common surgical entity. Hernia is depicted in two Hellenistic terracotta figurines, one male and one female. They were part of a course in an ancient school or votive offerings in a sacred ancient temple. Although surgery was an existent medical branch at the era, it seems that only a radical ablation, probably fatal, was performed by medico-philosophers and surgeons.

Keywords: hernia, ancient Hellenic art, ancient Greek medicine, Smyrna.

HISTORICAL VIGNETTE

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RéSUMÉ

La hernie dans l'art hellénique antique. Un paradigme de cours d'anatomie et de chirurgie, ou une offrande votive dans la médecine théurgique?

La hernie était un problème courant dans l'antiquité hellénique, comme on peut en saisir de la pléthore de références dans le grec ancien et surtout dans la littérature médicale byzantine. Cependant, dans l'art grec ancien, seuls deux exemples représentaient cette entité chirurgicale. La hernie, est représentée dans deux figurines hellénistiques en terre cuite, un mâle et une femelle. Elles faisaient partie d'un cours dans une ancienne école ou des offrandes votives dans un ancien temple sacré. Bien que la chirurgie soit une branche médicale existante à cette époque, il semble que seule une ablation radicale, probablement fatale, ait été pratiquée par des médecins-philosophes et chirurgiens.

Mots-clés: hernie, art hellénique antique, médecine grecque antique, Smyrna.
A series of medical ancient Greek writers referred to hernia as a common problem among other surgical entities. Both Galen (Galenus Med. De tumouribus praeter naturnam 7.730.8-11) and Paul of Aegina (Paulus Med. Epitomae medicae libri septem 3.53.1-3.53.2.13) described it, while in ancient Greek art two figurines actually depicted it. Surgery was more advanced as it is widely believed, and various abdominal surgical operations were performed by surgeons in ancient Greece. However, no description or any other evidence suggests that hernias were operated under a reconstructive procedure. A radical excision of the mass, with most probably fatal results, seems to have been the general concept.

Two Hellenistic terracotta figurines, a male and a female one, preserved in a fragmentary condition depicted an inguinal hernia. Their torso and a part of their thigh survived depicting this surgical condition. Both represent nude figures with a prominent bulge in their right inguinal area, allowing us to conclude that this is a depiction of hernia. The male figurine was unearthed in Smyrna (Fig. 1A), while the female is a part of the Meyer-Steineg Collection with no other information as it was collected through an iniquitous antiquity trade (Fig. 1B).

The case of the male figurine depicts a hernia with greater volume, probably idolizing an inguino-scrotal hernia. We may hypothesize that this figure was used as a model during a propaedeutic educational program of the famous ancient medical school of Smyrna. The same concept seems to be valid for a series of other terracotta figurines found in the same territory by archaeologists. On the other hand, the characteristics of the female case of a hernia, propose as an icon more a femoral than an inguinal hernia. Although it may be one more example of an educational model, some researchers believe that it was probably used as a votive limb.

It looks like that anatomical malformations were always an important part of the physicians’ training, while blended courses which promote excellence existed among the best schools since the era of the ancient Greeks. However, those figurines may have been used for the purposes of the theurgical medicine as votive offerings in sacred temples for a miraculous cure to be begged, as a surgical intervention was not really an option during that era. Whichever may have been their usage, the fact of the presence of such pathological enlargements attracted the minds of both the medico-philosophers and the common people.
Compliance with Ethics Requirements:

"The authors declare no conflict of interest regarding this article"

REFERENCES