'International Congress of Medicine, XVIIth, London, 1913'

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INTERNATIONAL CONGRESS OF MEDICINE, XVIII+ - LONDON, 1913 10/14

GRECO-ROMAN SURGICAL INSTRUMENTS REPRESENTED IN EGYPTIAN SCULPTURE.

by Henry S. Wellcome.

When in Egypt in 1910, I noticed and photographed an interesting incised sculptured tablet in the Temple at Kom-Ombos, situate on the Nile, 556 miles south of Cairo. It consists of representations of a number of gynaecological instruments.

"the House of Sebek," where the Crocodile god was worshipped, together with the Hawk-headed Horus, called Heru-Ur, or "the Greater Horus," the Aroueris of the Greeks. This great temple was built by Ptolemy VII., B.C. 181-146, but were there are traces of an earlier building in the form of a sandstone gate-way, built by Thothmas III., and dedicated to the god Sebek, which dates therefore from B.C. 1600.

The temple was built on a broad terrace which ran along the river bank facing south. On this terrace were a propylon and a small temple built by the Roman Emperor Domitian, about A.D. 83, whose cartouches appear on the walls. They are written in a peculiar hieroglyphic form, and read "Domitianus who defendeth."

Near to the temple of Domitian are the ruins, now in a very fragmentary state, of a small sacred building, which, from the inscriptions, appears to have been built by or for Ptolemy IX., or Euergetes II., about B.C. 146.

The sculptures which remain from this edifice show that it was one of those structures peculiar to Egyptian religious architecture called "the Mammisi," or "Birth House," a building which commemorated the "Divine Birth of the King."

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The Theban birth sculptures have a regular historical sequence, and tell a somewhat complete story, but the Ptolemaic "Birth House" belongs to a period when the religious ideas in Egypt were very confused and often mixed with the Greek ideas and symbolism, which renders them very difficult of explanation.

The sculpture of special interest in the "Birth House" at Kom-Ombos, represents a seated deity, who forms the central figure. Unfortunately, the head is missing, but judging from other fragments of sculpture in the vicinity, it may be reasonably assumed to represent the hawk-headed Heru-Ur. Behind him stands a perfect figure of a female deity, with one hand uplifted, and in the other holding the ANKH, the Symbol of Life. This undoubtedly

represents Isis, as the long three-lined inscription in the centre of the tablet is addressed to that goddess.

Before the seated male divinity is a tall incense burner and a table altar. The left hand portion in front of the latter is a greater figure, probably representing a kneeling king, who wears a peculiar girdle around his waist, the ends of which terminate in the heads of Uraei serpents.

He kneels before two shrine-shaped altars, on which are seated figures of Isis and Nephthys. Behind him is a similar shrine-shaped altar on which stands a large Utchat Bye, which has a figure of the Hawk of Horus on the lower lash. In front of this is an inscription, the translation of which reads "Making his way to the House of Joy. Those are the words." Followed by the second around him, like Ba, "All power and life to his might sternally."

The important and most interesting part of the sculpture from a medical point of view, however, is the altar in front of the seated deity, on which stands an upright panel, divided into four compartments or divisions. This panel is probably intended to represent a surgical instrument cabinet or case, each compartment of which contains a number of gynaeplogical instruments, which were employed in midwifery in Ptolemaic times. That these instruments are not strictly Egyptian may be gathered from the fact that the tablet and sculpture probably do not date back further than B.C. 150, but that they are of an extremely interesting nature may be judged from the following detailed description.

Although we have but little evidence of surgical instruments being used in obstetrics in ancient times, there can be little doubt that these sculptures depict the instruments used at accouchements by the Greco-Roman accoucheurs of the period.

Beginning with the top compartment from the left hand side, the instruments appear to be

- 1. A bifurcated probe.
- 2. A spoon, used for mixing foods and unquents.
- 3. A knife, for cutting the umbilious.
- 4. A probe.
- 5. Ditto.
- 6. A cautery.
- 7. A bifurcated probe.
- 8. A pessary, At this period pessaries were made of horn, ivory, bone or bronze.
- 9. A saw.
- 10. A cautery.
- 11. A bandage or roll of linen, used for swathing or binding the infant.

 This swathing banage is an interesting emblem, which is often
 figured in connection with Ta-Urt, and Thouaris, the "Hippopotamus
 goddess", who was the Egyptian protectoress of pregnant women.
- 12. A vaginal speculum.
- 13. Curved retractors.

Second Division.

- 1. (Horizontal). A bifurcated probe with hooked end.
- 2. A blunt hook or decapitator.
- 3. Ditto.
- 4. A scappel.
- 5. Ditto.
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- 7. Appears to represent a pair of obstetric forceps, and is of special interest, as no specimens of Greek forceps of this character are known. It has been doubted that the Greeks ever used instruments in cases of difficult labour, but Adams, commenting in a note on Paul of Aegina, states, "Though they, the Roman and Greek writers, do not mention the forceps, Avicenna does so, and says that a forceps was dug up in the house of an obstetrix at Pompeil, bearing a considerable resemblance to the modern forceps." The sculptured representation will be noticed to bear a very close resemblance to forceps that were in use a few years ago.
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- 5. (Beneath the eyes). A strigil, which may have been used as a uterine curette.
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The long inscription over the incense altar in front of Heru-Ur or Aroueris, appears to be a list of offerings or products brought at the time of the accouchement from various cities. Translated it reads:-

"..... the House of Hapi (the Nile).

One half henen-Suten (Heracleopolis),

Half and cloth(?) or wax(?) of the House of Spirit of Mendei.

One third (of) the city of Arma (Heliopolis).

One eighth (of) Memphis.

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The Mammisis in the form in which we find them at Philae, Edfu, Abydos, Esneh, and Kom-Ombos, where essentially of Pholemaic or Roman character, although their origin can be traced back to the representations depicted in the Egyptian temples of the eighteenth dynasty, B.C. 1600, which represent the birth of the King or Queen as the divine offspring of Amen-Ra. Such representations are found on the walls of the Theban temples of Dier-el-Bahari, built by the great Queen Hatshepsu, B.C. 1600, and of Amenophis III. at Karnak. The scenes there depicted show the visit of the god Amen-Ra in human form to the queen-mother, the accouchement of the queen attended by the Hathors, and the presentation of the child to his divine parents.

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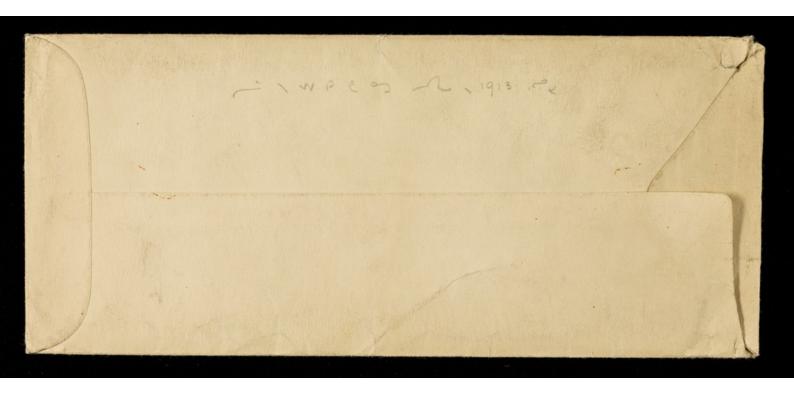
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Ur. Wellcome's Paper for the luter, bued. Congress.



train.

12 January 1914.

Dear Sir,

Many thanks for your letter of the 10th inst. From which I note with pleasure that the officers of the International Medical Congress do not object to our suggestion.

I thank you again on behalf of Mr. Wellcome for your kindness and the trouble you have taken in the matter.

Faithfully yours,

6T.

Dr. Herringham, 40, Wimpole Street, W. Hum

1. January 1914.

Dear Sir.

Mr. Wellcome intends having a medal struck to commemorate the founding of the Historical Medical Museum in London last year. The obverse will have an impression of the Egyptian figure of history with Asseulapius and Marduk on either side which adopted as a symbol, with the inscription "The Mellcome Historical Medical Museum, founded London, 1913."

On the reverse, the medal will bear the figure of I-om-hotep with the following suggested inscription "Section of History of Medicine, KVIIth International Congress of Medicine, London, 1913." I should be glad if you would kindly let me know if there would be any official objection to the letter inscription showing the Museum's affiliation to the Section of History of Medicine of the Congress.

Thanking you in antheipation,

I am.

Paithfully yours,

Cfs.

Herrysen

July 15th, 1913.

Dear Siz.

In reply to your letter of the leth inst., I am sorry that I cannot accede to your request. The surgical instruments that you mention and that we have on exhibition have been arranged in a special way, so that they may be of real educational value and to take any one out of its place is to make the collection of very little use. I may say I was under the impression that a complete understanding had been arrived at some menths ago that all objects of Historical interest were to be sent to the Museum in Migmere Street, on the other hand we have informed those who have effered other objects of a more recent and modern character to send them on to the exhibition at South Kensington.

Faithfully yours,

H.W. Armit, Esq., Ravenhurst, Talbot Road, wembley.

XVIIth International Congress of Medicine (London, 1913).

President :-- Sir Thomas Barlow, Bart., K.C.V.O., M.D., F.R.S., 10, Wimpole Street, W.

Treasurers : -G. H. Makins, Esq., C. B.,

49, Upper Brook Street, W

Sir Dyce Duckworth, Bart., M.D., 28, Grosvenor Place, S.W.

Gen. Sec. :- Dr. Herringham,

40, Wimpole Street, W.

XEMMIK DHIKKX

A 3xxHINDEX STREET

XXXXXXXXXXX

Ravenhurst,

Talbot Road, Wembley,

July 12th 1913.

Henry S. Wellcome Esq., Snowhill, E.C.

Dear Sir,

In organising the Museum for the International Congress of Medicine I have persistently refused to entertain offers of historic exhibits. In view of the existence of your magnificent collection in Wigmore Street, Dr. Herbert Spencer, however, has prevailed upon my Committee to exhibit a series of old obstetric instruments in the department dealing with obstetrics and gynaecology, and if propose placing in this series some interesting forceps, etc. from the College of Surgeons, the Royal Society of Medicine, St. Bartholomew's Hospital, University of Edinburgh, University College Hospital, and Trinity College, Dublin.

Mr. Alban Doran has suggested that the collection would gain considerably in value, if it were possible to obtain from your Historical Museum the Barton's (York) and Ylep's forceps, which, I understand, you have on view. I do not suppose that the loan of two or three instruments for the Congress week would be a serious

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Gontralk Officexx

XXXHINDEXSTREET,

LONDONXXXX

matter for your Museum, while my more modest collection would gain perceptibly thereby.

- 2 -

Apologising for the coolness of my request and thanking you in anticipation of your kind reply,

I am, dear Sir,

Yours faithfully,

Hon. Secretary.

museum Committee

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Jan 5. 1913

Central Office:

13, HINDE STREET,

LONDON, W.

Ef. S. Thompsonly

Mar Sin.

yours of Tant.

I find that der Makins, to whom I have referred such questions as yours, is money mulit brednesday. I will auswer is money mulit brednesday. I have had the ofyou as soon as I have had the offortunity of low subtring him. I hope the
fortunity of low subtring him. I hope the
delay with with inconvenience you.

ysfrith. W. Herringham Dear Sir,

I shall be glad if you will kindly place the colosed syllabus of the Historical Medical Exhibition before the Committee that has been appointed to make arrangements for the meeting of the International Medical Congress in London, in 1913. I may say that I have now decided to hold this Exhibition, which I have been organising for a number of years past, at some suitable building in London, when the meeting of the Conference takes place.

The Exhibition, which will be strictly professional and scientific in character will not be open to the general public, and will be arranged on the lines of the syllabus enclosed herewith.

I should greatly esteem the co-operation of your Committee in connection with the Exhibition, which I am endeavouring to make the most comprehensive and interesting of its kind that has ever been held.

Believe me,

Yours very truly,

Dr Herringham,

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W.

Enc.

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