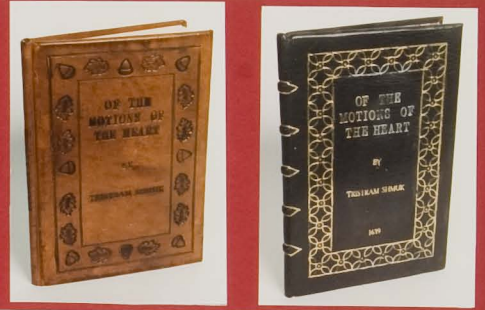


The four newly discovered works. There are two editions of the earliest publication.

This small book is by Tristram Shmuk, a rusticated Cambridge scholar and a failed London medical student. Shmuk appears to have emigrated to Virginia as an indentured servant of the then Governor of the Colony, Sir James Harvey. Shmuk would have been a pupil of William Harvey in London, this no doubt led him on arrival in America to write what is probably the earliest known example of a programmed text.

The discovery in a Newfoundland outport of an old sea-chest containing a collection of old medical texts, brought to light not only copies of well known books of this period, but also four previously unknown works. The latter area of considerable historic interest as fore-runners of some current trends in educational methodology.



Top left: 1637 (1st) edition. Full leather binding, blind tooling on light calf, 8vo, 7 3/4 x 5 1/2 ins. Top right: 1639 (2nd) edition, illustrated. Full leather binding, dark green morocco with gold tooling, 8vo, 8 x 5 1/4 ins. Bottom: Sample pages from the 1639 edition.

# SHMUK

AN EXERCISE ON  
DR WILLIAM HARVEY'S  
**MOTIONS OF THE HEART**  
An appentifis felt-learning book  
diffillated by Tristram Shmuk,  
last appentif of  
St Bartholomew's,  
by Southwick.

With an epistle dedication to our most excellent and gracie Governour  
Sir John Harvey and the last most learned Doctor Robert de MAGUS.

Robert de Magus  
First, you get objectives clear,  
Behavioral terms we had no dear,  
Who fills and forms on all ayres,  
Then you get a Malis, you see

TO THE LATE MOST EXCELLENT and accomplished Scholar Doctor Magus, most knowing and dedicated to the Art of Learning.

Your merits will this book also serve, and to our commensurability of recent years. When you were first called for criticizing those professing wisdom in the Medical Art and their method of discoursing and use of arguments and disputation, touching on all except that which were necessary to practise, we thought my profession here at an end. Yet through you and in passage afterwards did I learn many greater and wondrous things. It were great fortune that at time of our arrival you did have your wits upon you and that I did digest before our voyage were complete. I do of court speak of your two manuscripts, "De motu Pericardii admodum intricato et de circulatione arteriarum et de hinc inde" which thank God I did compare to memorize ere that my return and find Captain did then confitrate and nail up in the heads to suffer mental deprivation. May this house be praise to your soft noble ideas.

Forewell

**PREFACE**  
To the most perfectiv and thoughtfull reader.

If this small book you will learn only those things which are necessary and required to pass the examinations of those schools of Physic and Chirurgie which doe enable one to practise the noble art of healing without let or hindrance from hylthodes untutor'd in the mysteries of those fence sciences. You will learn also sufficient things to be able to discourse with others so liband and satisfiact to those most ignorant and unlearned, such that they will think thee as wise as Cato and Aristotle made an one.

You will not be burthened with rhetoric, logic or disputation, which doe misse confuse the mind and lead to doody, nor will you be troubled with what doe happen in children, yeeft, dogge, pige, rats, mice or snakes, or even worms and fish. For I take it you doe onlie wish to heal the sick. Made then and learne onlie that which you doe need.

Note.

NOTE.— This book is not liken unto other bookes, betimes on certain pages will appear inquiries, when this doe happen seek an answer and it will direct you to a page particular, and read not that which lyeth inbetween, which will bee unnecessary.

Querie:  
If you doe see an inquire what course of action doe you take?  
Answer (Choose you 1 or 2):  
1. I follow the instruction besides the answer I felekt.  
2. I doe not know.

If you choise 1 well done, now goe you to page 1.  
If you choise 2, Alas. Reade you this page againe.

**Excerpta**

4. Of the pre-text.

CHAPTER 2.  
Of the pre-text wherein it might not be necessary to read this book.

To see fare you doe not already know what bee in this book, complet the following passage by writing downe the correct words in the spaces where numbers doe bee given.

Left passage—

The 1— doe 2— in the 3— The 4— doe 5— in the 6— The 7— 8— doe 9— 10— to the 11— doe 12— 13— doe take 14— to the 15— from the 16— 17— 18— to the 19— that doe return 20— to the 21— by the 22— 23— The 24— doe leave the 25— 26— via the 27— The 28— doe give rise to 29— 30— and the 31— therein returns to the 32— 33— and to the 34— 35— the purpose of the 36— is to 37— 38— to the 39—

Now check your answers by the list on the next page and add up the number that bee gotten right.

Go then to the next page—page 5.

5. Of the pre-text.

In adding up the number of answers that doe bee right, it is only the total (on that bee important, it matter not which words bee right or wrong).

Correct answers—

1. blood	14. blood	27. aorta
2. circulate	15. lungs	28. aorta
3. bodie	16. right	29. smaller
4. hearts	17. ventricke	30. arteries
5. pumpe	18. venous	31. blood
6. blood	19. arterie	32. right
7. right	20. blood	33. ventricke
8. ventricke	21. hearts	34. right
9. pumpe	22. left	35. ventricke
10. blood	23. ventricke	36. blood
11. lungs	24. blood	37. distribute
12. arterial	25. ventricke	38. blood

If the total of your correct answers be more than two thirds of that possible, that bee 27 or more, you know all that bee necessary of the motions of the heart.

See you below this fun then doe you read on.

Go you to page 6.

8. Of the anatomy.

CHAPTER 4.  
Of the number of chambers and the large vessels.

Objectives—  
At the end of this Chapter will you bee able to say that:  
a) The heart doe have 2, 3, 4, or 5 chambers?  
b) The vena cava doe enter the right auricle.  
c) The arterial vein doe leave the right ventricke.  
d) The venous arterie doe enter the left auricle.  
e) The aorta doe leave the left ventricke.

There bee little sense waiting your doe bee more profitable to just memorize the objectives, and then doe you practice them by recitation to your wife or mistress. When this bee done correcte three times in a row, move on to the next Chapter. It doe bee suggested that this bee your plan for the next three chapters also. However for those of my readers who doe have time to spare, have I looked sundry diverse comments and explanations to those facts, which I will call Trivia. Inlets you wish to reade them as you to page 10.

Triv-

15. Of the veins.

CHAPTER 5.  
Wherein we find the veins also doe have valves.

Objectives—  
At the end of this Chapter will you bee able to say,  
a) Valves in veins doe not [low the passage of blood from the heart to the extremities.  
b) Valves in veins doe stop venous blood returning to the limbes and head.

With these objectives put then where you feulted the others, then goe you to page 17 or reade the Trivia.

Trivia.

On this tope of veins also doe Harvey make a big to doe and claim by pictures to show that on tying ribbons around the arm and tattooing the alphabet upon the forearm can you prove the circulation of the blood. Having nothing better to doe, might you try it, it will cause no harm, and will be good at parties and at such festivities in the tavern.

Now goe you to the post-text on page 17 or reade more Trivia.

Triv-

18. Epistle congratulatorie.

CHAPTER 6.  
Seeing of congratulations on your acquisition of such wisdom.

Well done most noble appentifis, fo doe you also deserve an epistle congratulatorie.

Now know yee as much as Harvey that bee of use, and you did obtaine it without the paine and suffering that doe come from adding the braine with divers bits of floridan.

Go you forth then and treate your patients and may God Almighty helpe you, and them.

FINIS