The unicorn is a mythical beast that has been associated with medicine and pharmacy for hundreds of years. It was said to resemble a horse that had a single spirally twisted horn projecting from its forehead. Its origin has been the subject of a great deal of speculation but I should like to believe the story that dates it from the time of Alexander the Great (356–323 BC). It is said that his stallion, Bucephalus, wore golden horns in battle and that this gave rise to the legend of the unicorn. Unfortunately, Bucephalus was black and unicorns were said to be white. Another possibility is that their existence could be based on early reports of the rhinoceros, though belief in unicorns was still prevalent when this beast was relatively well known. There were also reports of an animal called the monoceros and, although this was thought by some to be another name for the unicorn, others believed it to be the rhinoceros, and yet others considered it to be a species distinct from either of these.

The use of unicorn horn in medicine

In this article, William Jackson writes about the myth of the unicorn and the use of its horn in medicine.

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Christmas miscellany

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The unicorn in art and heraldry

Probably the most famous representations of the unicorn are those that appear in a set of six tapestries in the Musée National du Moyen Âge, Paris. The tapestries were woven about the end of the 15th century, and found in rather poor condition in 1841 in Boussac. Fortunately, they were purchased by the French government in 1882 and restored. Five of them represent the senses: l’odorat (smell), l’ouie (hearing), le goût (taste), la vue (sight) and le toucher (touch). The final one takes its name from the words that appear on a tent in the centre of the tapestry, “À Mon Seul Désir (To my one desire)”. They are superbly displayed and are objects of great beauty.

At the other end of the artistic scale, though not without its own naive charm, there is a polychrome charger or large dish made from tin-glazed earthenware in the Bristol City Art Gallery (artist unknown) that illustrates a unicorn with a spotted coat and a yellow mane and tail in a landscape with trees.

Images of the unicorn are frequently to be found in heraldry. In the reign of James III of Scotland (1460–88) a gold, undated coin with a value of 18 Scottish shillings was introduced. It was known as a “unicorn”, and a smaller “half-unicorn” worth nine shillings was also made. On one side, the shield of Scotland was supported by a unicorn. When James VI of Scotland became James I of England (1603) the red dragon, one of the supporters of the Royal Coat of Arms, was replaced by a unicorn.

The coat of arms of the Worshipful Society of Apothecaries of London, founded in 1617, had two unicorns as supporters, and they can also be seen on some armorial drug jars and on a number of dewarfare pill tiles. The society’s charter was granted by James I, and it is possible that the Scottish unicorns were adopted as a compliment to the king. As well as armorial jars, the head of the unicorn was used as a decorative motif above the cartouche of a rare drug jar design, probably made in the second half of the 17th century. One of these can be seen in the Museum of London.

The Golden Unicorn Pharmacy was founded in Debrecen in Hungary, and had a semicircular wreath of wrought iron over the door, bearing the date 1772. In the centre of this was the figure of a prancing unicorn with a long horn. The furnishings of this handsome pharmacy are now preserved in the city’s Déri museum.

In Aus alten Apotheeken there is a photograph of the sign of the former Klosterapotheke (Cloister pharmacy) in Rottenbuch, Germany, showing a projecting unicorn’s head with a long horn, dating from circa 1750. The caption indicates that the horn could be the tusk of a narwhal. The same book contains a photograph of a wooden drug jar and a chipwood box that were containers for the prepared horn.

Narwhal tusks are also to be found in 18th century caricatures, such as The inspection (plate III of Marriage-à-la-Mode) by Hogarth where one can be seen in the house of Dr Misaubin (also known as M de la Pillule). Here, it is a reference to its use as a symbol of a quack doctor and its alleged value as an aphrodisiac.

In contrast, Sir Henry Wellcome chose the unicorn as the house mark of Burroughs Wellcome & Co, possibly because it was a symbol of a quack doctor and its early use as an important antidote to poisons. The mark was designed by a Mr Scobie of the College of Heralds, but required several modifications before it was approved by Sir Henry and registered in 1908. It remained unchanged for 60 years but was updated to a sleeker version in 1968.
Narwal horn was sold as unicorn horn

phrase “restores lost strength” is a reference to its supposed value as an aphrodisiac.

At the end of the 18th century the French physician, Pierre Pomet, dealt with the subject at some length. He observed that the truth about unicorns was still unknown, but described and illustrated several beasts from which the tales about it could have been derived. The camphur was a wild ass found in Arabia that had a horn used to cure several diseases, especially venemous or contagious ones. The Arabs who lived near the Red Sea knew of the pirassoupi, a hairy animal about the size of a mule that had two long, straight, spiral horns. These were infused in water for six to eight hours and the resulting liquid was drunk to cure wounds or venomous bites. This beast was probably included despite its possessing two horns because of the recorded use of them as an aphrodisiac.

Pomet illustrated three unicorns described by Johnston in his ‘Historia naturalis’. He observed, inaccurately, that there were five beasts with a single horn and that one must be the true unicorn. These were the “Orix, or one-horn’d wild goat”, the “one-horn’d Ox”, the “Hart with one Horn”, the “one horned Hog” and the “one horned Ass”. He mentioned that the people of India made drinking vessels from the horn of the latter, and that they feared anyone drinking from them from any sort of deadly poison or infection. It would seem that Pomet believed that unicorns did exist, though he stated categorically: “I shall only say, that what we sell under the Name of Unicorn’s Horn is the Horn of a certain Fish, by the Islanders called Narwal, or the Sea Unicorn.” He said that authors had ascribed almost incredible things to it, chiefly as a remedy for poisons, plague and fevers, and the bites of serpents or mad dogs. It was used as a cordial or restorative, shavings of it being boiled up in a broth and coloured with a little cochineal and saffron to make a jelly.

Pomet also noted that the narwhal, also known as the rhoar or sea unicorn, a large fish that some reckoned to be a sort of whale, was found in the northern seas especially along the coast of Greenland. It carried a spiral horn, five or six feet in length, with which it would attack the largest whales. This horn yielded a great deal of volatile salt and oil that was cordial, sudorific and useful to resist infections and cure epilepsy. The dose was from 10 to 40 grains. In addition, people wore it in amulets hung round the neck to resist infection.

By the middle of the 18th century the value of the horn as a medicine was almost completely discredited. In 1749 John Quincy wrote: “There are various opinions concerning this creature; but Paccius, who wrote a whole treatise about it, takes it to be nothing but the rhinoceros; tho’ some strenuously contend that this horn is the tooth of a fish. The strange conceits of the medicinal virtues of this drug, are too numerous and too ridiculous to mention here; and both this and the following are now justly expelled the present practice.” The next preparation was Bone of a Stag’s Heart, another ancient remedy.

By 1836, in spite of the fact that unicorn horn had been discredited for many years, we can still find an entry in Gray’s ‘A treatise on pharmacology’ that reads: “NARWHAL, Unicorn fish, Monodon vulgaris. TUSK, unicorn’s horn, cornu unicorni, C. monoceratis. A very fine ivory: yields blubber.”

Conclusion

As with so many remedies, such as bezoar stones, powdered mummies, toads and goat’s blood, that had been used from ancient times, unicorn’s horn continued to enjoy a reputation as a powerful medicinal agent for a considerable time after doubts were raised about its value. Together with many other discredited animal products it was still used after the middle of the 18th century, though by this time it was well known that it was really the horn of the narwhal and, like other forms of ivory, was of little use as a curative agent.

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