

# The reason why men lose bone in 'little boy'?

Why do men 's penis have no bones, while some primates with relatives closest to humans such as chimpanzees and Bonobos have a penile bone?

**Chimp has. Panda has. Hai code also. So why does the "little boy" of humans have no bones?**

Researchers in the UK say they are close to finding the answer.

According to a recent study by scientists at University College London in the UK, a study of **penile bones** in mammals was conducted, as well as their function in primates. Scientists believe that the change over time, *the* "baculum" of human ancestors gradually dissipates because the system for finding human partners changes.

" *Mating was done by penile bones* ," said Matilda Brindle of University College London, who led the study.

It seems that the penis ( *or pearl bone* ) facilitates the male to maintain a longer and more regular mating time - to help ensure sperm has time to fertilize the female, reducing the access of children with other mates.



The bones in the baculum of the hippopotamus are about 59cm (22 inches) long. Photo source: Toulouse Museum.

So why do humans lose penile bones? According to research by the science group, this may be the result of differences in mating activities. " *People when mating often don't worry too much about their partner having a good time with others. Moreover, monogamy makes men not to remain competitive, because So the penile bones also gradually dissipate* ," the researchers wrote in the journal Proceedings of the Royal Society B: Biological Sciences.

In general, scientists think that men do not have to compete too much with other men and usually women choose only one partner.

This is not a question that research groups are looking for answers to. Because they are calculating numbers and trying to figure out the exact time and the reason why the penile bone has the scientific name baculum - evolution. The scientific name of the penile bone ( *or bone marrow* ) is **baculum** , appearing in many primates as well as mammals around the world.

" *We found the penis began to evolve after the placental and placental animals had branched off, about 95-145 million years ago* ," said Matilda Brindle, the leader of the study. phone interview.

However, not only do mammals have a penile bone, but even some primates have closest relatives to humans like chimpanzees and also bonobos. But people do not.

" *We think it must have competition between males* ," Brindle said.

Besides, there is no denying the benefits that bone onions bring to the penis. " *The penis or baculum make males sex easier. Baculum also helps support and protect the penis of males, making the female's cervical sperm more smooth.* " , Brindle's scientific team presented.

In animals with baculum, blood pressure plays an important role but its function is to promote bone structure in the penis to achieve an erection. This brings more benefits than an erection only due to blood pressure.

It is this that makes scientists wonder and curious why why the penises have so many shapes, different sizes and more, they want to find out why men do not exist. This type of bone. " *Squirrel species in the US with* " *four-pronged* "(*four-pronged*) *baculum, is really, really lovely* ," Brindle said.



Diagram comparing the size of the penis shape of the following bears: A) Sun bear;B) Asian Black Bear;C) Andean bears;D) American black bear;E) Pig Bear;F) Brown bears;G) Polar bears and H) *Indarctos arctoi* are extinct.

However, there must be certain values ??in the presence of penile bones, or if not why every animal has a male, and humans do not.

Brindle is not sure about the value of the penis. Brindle's team believes there is a balance between having big bones and testicles, but they haven't found it yet. Meanwhile, animals face the so-called mate competition, males with larger testicles will have more sperm and eliminate competitors easily.

This system creates a fierce competition, while males will have to reduce their children's access to other mates. If there is no penile bone, they cannot do it every day.

" *In fact, chimp testicles are about the size of their brains. This is hard to believe ,*" Brindle said.

" *However, the size of the testicles and penile bones does not seem to be related to each other. Sometimes in science, this hypothesis does not come true, "* the team reported.

In fact, it involves " *mating time* " - extending mating time. Professor Kit Opie from the University of London said: " *The length of the penile bone depends on the ability to maintain sexual behavior for a long time - the average time will last more than 3 minutes. This is exactly* " *evolutionary for monkeys,*" *allowing the male monkey sperm to have enough time to fertilize female monkeys, preventing the monkey from coping and fertilizing another male monkey .* "

And other primates, except humans and New World monkeys, have penile bones.

" *So why don't humans have a penis? Maybe because they don't need it ,* " Brindle said.

According to scientific research, this may be the result of differences in mating activities. In primates, penile bones increase the time that the penis penetrates into the vagina during intercourse and the longer mating time occurs in animals with animals that have males that mate many females. The strange thing besides this answer is that the Bonobo gibbons only perform sexual intercourse within 15 seconds but this species still exists in the penis ( *very small, only 8mm* ).



Penis bones of dogs;The arrow shows the urethral groove.Photo source: Didier Descouens / Toulouse Museum

Besides, there is another reason why other primates "over bones" are: "*Men do not have to compete too much with other men and normally women choose only for I am the only partner*". Therefore, they do not need to worry much about competing partners.

" *It is the habit of finding and sticking with partners that has caused men to lose their penis during evolution,* " according to estimates by scientists about 1.9 million years ago.

These are just the first pieces of the complete picture of **the disappearance of the penis on the body** . In fact, we cannot be certain yet, but these evidence help us feel good to know that society develops and its behavior is more complete.

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