

How Long Can Sperm Live

Human sperm competition Sperm Sperm competition is a form of post-copulatory sexual selection whereby male sperm simultaneously physically compete to fertilize a single ovum. Sperm competition among males has resulted in numerous physiological and psychological adaptations, including the relative size of testes, the size of the sperm midpiece, prudent sperm allocation, and behaviors relating to sexual coercion, however this is not without consequences: the production of large amounts of sperm is costly and therefore, researchers have predicted that males will produce larger amounts of semen when there is a perceived or known increase in sperm competition risk. Sperm competition is a form of post-copulatory sexual selection whereby male sperm simultaneously physically compete to fertilize a single ovum. This results primarily as a consequence of polyandrous mating systems, or due to extra-pair copulations of females, which increases the chance of cuckoldry, in which the male mate raises a child that is not genetically related to him. Sperm competition occurs between sperm from two or more rival males when they make an attempt to fertilize a female within a sufficiently short period of time 557e0f8474

Semen analysis is a complex test that should be performed in andrology laboratories by experienced technicians with quality control and validation of test systems. A routine semen analysis should include: physical characteristics of semen (color, odor, pH, viscosity and liquefaction), volume, concentration, morphology and sperm motility and progression. To provide a correct result it is necessary to perform at least two, preferably three, separate seminal analyses with an interval between them of seven days to three months. 557e0f8474 The sperm whale is a pelagic mammal with a worldwide range, and will migrate seasonally for feeding and breeding. Females and young males live together in groups, while mature males (bulls) live solitary lives outside of the

mating season. The females cooperate to protect and nurse their young. Females give birth every four to twenty years and care for the calves for more than a decade. A mature, healthy sperm whale has no natural predators, although calves and weakened adults are sometimes killed by pods of orcas. 557e0f8474 'Sperm competition' is often compared to having tickets in a raffle; a male... 557e0f8474 Sperm may be donated by the donor directly to the intended recipient or through a sperm bank or fertility clinic. Pregnancies are usually achieved by using donor sperm in assisted reproductive... 557e0f8474 == Regulation of sperm donations == 557e0f8474

Sperm competition Greater choice and variety of mates increases a female's chance to produce more viable offspring. Competition can occur when females have multiple potential mating partners. However, multiple mates for a female means each individual male has decreased chances of producing offspring. Sperm competition is the competitive process between spermatozoa of two or more different males to fertilize the same egg during sexual reproduction. Sperm competition is the competitive process between spermatozoa of two or more different males to fertilize the same egg during sexual reproduction 557e0f8474

Drosophila bifurca doi:10. A. ; Markow, T. 375 (6527): 109. ; Spicer, G. "How long is a giant sperm. 375Q. 109P. Pitnick, S. Bibcode:1995Natur. to be longer. Nature. S. ". (1995) 557e0f8474

A pregnancy may be achieved using donor sperm for insemination with similar outcomes to sexual intercourse. By using sperm from a donor rather than from the sperm recipient's partner, the process is a form of third party reproduction. In the 21st century artificial insemination with donor sperm from a sperm bank is most commonly used for individuals with no male partner, such as single women and coupled lesbians. 557e0f8474

Sperm donation laws by country Notwithstanding such laws, informal and private sperm donations take place, which are largely unregulated. Sperm donation laws vary by country. Most countries have laws to cover sperm donations which, for example, place

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limits on how many children a sperm donor Sperm donation laws vary by country. Donated sperm may be used for insemination (whether natural or artificial) or as part of IVF treatment. Most countries have laws to cover sperm donations which, for example, place limits on how many children a sperm donor may give rise to, or which limit or prohibit the use of donor semen after the donor has died, or payment to sperm donors. Other laws may restrict use of donor sperm for in vitro fertilisation (IVF) treatment, which may itself be banned or restricted in some way, such as to married heterosexual couples, banning such treatment to single women or lesbian couples 557e0f8474

Restrictions on sperm donations or the ability to obtain IVF treatment in some jurisdictions has given rise to women traveling to a country which does not impose restrictions in the circumstances in which they finds themselves to obtain such donations or treatments, in a practice called fertility tourism. 557e0f8474

Sperm bank 25 May 2004. "Q&A:Frozen sperm". The sperm is purchased by other persons for the purpose of achieving a pregnancy other than by a sexual partner. The Guardian. "Sperm freezing A sperm bank, semen bank, or cryobank is a facility that purchases, stores, and sells human semen. "How long can frozen sperm be stored. Retrieved 2018-04-14. BBC News. The semen is produced and sold by men who are known as sperm donors. Adam D (2004-05-27). ". Sperm sold by a sperm donor is known as donor sperm 557e0f8474

Dwarf sperm whale The dwarf sperm whale (Kogia sima) is a sperm whale that inhabits temperate and tropical oceans worldwide, in particular continental shelves and slopes 557e0f8474

Sperm competition is an evolutionary pressure on males, and has led to the development of adaptations to increase male's chance of reproductive success. Sperm competition results in a sexual conflict between males and females. Males have evolved several defensive tactics including: mate guarding, mating plugs, and releasing toxic seminal substances to reduce female re-mating tendencies to cope with sperm competition.

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Offensive tactics of sperm competition involve direct interference by one male on the reproductive success of another male, for instance by mate guarding or by physically removing another male's sperm prior to mating with a female. For an example, see *Gryllus bimaculatus*. 557e0f8474

Sperm whale Sperm whales's heads are filled with a waxy substance called "spermaceti" (sperm oil), from which The sperm whale or cachalot (*Physeter macrocephalus*) is the largest of the toothed whales and the largest toothed predator. It is the only living member of the genus *Physeter* and one of three extant species in the sperm whale superfamily *Physeteroidea*, along with the pygmy sperm whale and dwarf sperm whale of the genus *Kogia*. Sperm whales can live 70 years or more. than a human's 557e0f8474

Sperm competition is not exclusive to humans, and has been studied extensively in other primates, as well as throughout much of the animal kingdom. The differing rates... 557e0f8474 A sperm donor must generally meet specific requirements regarding age and screening for adverse medical history. In the United States, sperm banks are regulated as Human Cell and Tissue or Cell and Tissue Bank Product (HCT/PS) establishments by the Food and Drug Administration. Many... 557e0f8474

Semen analysis The assay is also referred to as ejaculate analysis, human sperm assay (HSA), sperm function test, and sperm assay. A man can have a total number of sperm far over the limit of >16 million sperm cells per milliliter, but still A semen analysis (plural: semen analyses), also called seminogram or spermiogram, evaluates certain characteristics of a male's semen and the sperm contained therein. Depending on the measurement method, just a few characteristics may be evaluated (such as with a home kit) or many characteristics may be evaluated (generally by a diagnostic laboratory). It is done to help evaluate male fertility, whether for those seeking pregnancy or verifying the success of vasectomy. Collection techniques and precise measurement method may influence results. lower reference limit of 60% live spermatozoa 557e0f8474

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Artificial insemination Artificial insemination is the deliberate introduction of sperm into the cervix or uterine cavity for the purpose of achieving pregnancy through in vivo 557e0f8474

The... 557e0f8474

Sperm donation Sperm donation may also be known as "semen donation". Where pregnancies go to full term, the sperm donor will be the biological father of every baby born from their donations. The male is known as a sperm donor and the sperm they provide is known as "donor sperm" because the intention is that the male will give up all legal rights to any child produced from the sperm, and will not be the legal father. Sperm donation is the provision by a male of his sperm with the intention that it be used in the artificial insemination or other "fertility treatment"; Sperm donation is the provision by a male of his sperm with the intention that it be used in the artificial insemination or other "fertility treatment" of one or more females who are not his sexual partners in order that they may become pregnant 557e0f8474

Mature males average 16 metres (52 ft) in length, with the head representing up to one-third of the animal's length. Plunging to 2,250 metres (7,380 ft), it is the third deepest diving mammal, exceeded only by the southern elephant seal and Cuvier's beaked whale. The sperm whale uses echolocation and vocalization with source level as loud as 236 decibels... 557e0f8474 A sperm bank may be a separate entity supplying donor sperm to individuals or to fertility clinics, or it may be a facility which is run by a clinic for their customers. 557e0f8474 Sperm donation should be distinguished from "shared parenthood" where the male who provides the sperm used to conceive a baby agrees to participate in the child's upbringing. Where a sperm donor provides their sperm in order for it to be used to father a child for a female with whom they have little or no further contact, it is a form of third party reproduction. 557e0f8474

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