

Brain Eating Amoeba Brain

An 8-year-old girl in Louisiana died after being infected by an extremely rare brain-eating amoeba (*Naegleria fowleri*) that is found in warm freshwater such as Lake Claiborne. The Louisiana Department of Health said the infection was "likely contracted while swimming in Lake Claiborne in north Louisiana".

Amoebic meningoencephalitis mainly refers to primary amoebic meningoencephalitis, a rare infection of the brain caused by the free-living amoeba *Naegleria fowleri*. The amoeba infects humans when contaminated water enters the nose, from which it migrates to the brain along the olfactory nerve; the infection cannot spread from person to person and is not acquired by swallowing contaminated water. Symptoms begin with headache, fever, nausea, and vomiting and can progress rapidly to stiff neck, confusion, seizures...

2025 Kerala amoebic meningoencephalitis outbreak The condition most frequently The 2025 Kerala amoebic meningoencephalitis outbreak was a reported surge in cases of amoebic meningoencephalitis (commonly described in media as infection by a "brain-eating amoeba") in the Indian state of Kerala during 2025. The condition most frequently associated with such reporting is primary amoebic meningoencephalitis, a rare but nearly always fatal infection of the brain caused by the free-living amoeba *Naegleria fowleri*. meningoencephalitis (commonly described in media as infection by a "brain-eating amoeba") in the Indian state of Kerala during 2025

It is typically found in warm freshwater bodies such as lakes, rivers, hot springs, warm water discharge from industrial or power plants, geothermal well water, poorly maintained or minimally chlorinated swimming pools with residual chlorine levels under 0.5 g/m³, water heaters, soil, and pipes connected to tap water. It can exist in either an amoeboid or temporary flagellate stage.

Sappinia diploidea It usually occurs in elk and buffalo feces, places where farm animals are known to eat, soil containing *Sappinia diploidea* is a free-living amoeba species. free-living amoeba species. *Sappinia* can be found worldwide

== References == *Balamuthia mandrillaris*, which causes balamuthiasis *Sappinia* can be found worldwide. It usually occurs in elk and buffalo feces, places where farm animals are known to eat, soil containing rotting plants, and fresh water sources. *Naegleria fowleri*, which causes primary amoebic meningoencephalitis *Acanthamoeba* spp., which causes the slow-acting infection acanthamoebiasis The species was named after Malcolm Fowler, an Australian pathologist at Adelaide Children's... *Sappinia pedata*, which causes a form of granulomatous amoebic encephalitis

Primary amoebic meningoencephalitis fowleri, after Malcolm Fowler. Symptoms progress rapidly over around five days with characteristics of both meningitis and encephalitis; becoming a type of meningoencephalitis. Death usually results within one to two weeks of symptom onset. This common name has also Primary amoebic meningoencephalitis (PAM), also known as naegleriasis, is an almost invariably fatal infection of the brain by the free-living protozoan *Naegleria fowleri*. Carter named the species of amoeba *N. Naegleria fowleri* is also known as the "brain-eating amoeba". Symptoms include headache, fever, nausea, vomiting, a stiff neck, confusion, hallucinations and seizures

Paravahlkampfia francinae, which causes a form of primary amoebic meningoencephalitis

Lake Liddell supplied cooling water for Liddell Power Station, and was created during construction of the power station. The lake was created by the construction of Clairborne Lock and Dam by the United States Army Corps of Engineers in 1970. The lock is for water management and navigation; no hydroelectric power is produced here. The dam was built during the terms of Governors Jimmie Davis and John McKeithen.

As of 27 November 2025, the Government of India reported 170 confirmed cases and 42 deaths in Kerala for the year. Cumulative totals reported earlier in 2025 were lower, as case investigations and classifications were still evolving.

Primary amoebic meningoencephalitis, also known as primary amoebic meningoencephalitis == Medical complications ==

Stagnated water is a serious health risk and causes detrimental internal damage to the human body if not treated in time. In some cases, a treatment is not possible.

The genus *Naegleria* was established by Alexis Alexeieff in 1912, who grouped the flagellate amoeba. He coined the term *Naegleria* after Kurt Nägler, who researched amoebae.

The best known amoeboid protists are *Chaos carolinense* and *Amoeba proteus*, both of which have been widely cultivated and studied in classrooms and laboratories. Other well known species include the so-called "brain-eating amoeba" *Naegleria*...

== Background ==

N. fowleri is typically found in warm bodies of fresh water, such as ponds, lakes, rivers and hot springs. It is found in an amoeboid, temporary flagellate stage or microbial cyst in soil, poorly maintained municipal water supplies, water heaters, near warm-water discharges of industrial plants and in poorly chlorinated or unchlorinated swimming pools. There is no evidence of it living in salt water. As the disease is rare, it is often not considered during diagnosis.

Lake Liddell was closed for public use in March 2016 after *Naegleria fowleri*, a brain-eating amoeba, was discovered in the lake. Heavy metals have been detected in Lake Liddell.

Although infection occurs very rarely, it almost inevitably results in death, with a mortality rate of 95-98%.

Water stagnation Stagnant water can be a significant environmental hazard. *Cryptosporidium* *Leptospira* Malaria Dengue *Naegleria fowleri* (also known as brain-eating-Amoeba)

The medical complications of ingesting or coming in contact with Water stagnation (commonly misinterpreted as stillwater), occurs when water stops flowing for a long period of time

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In older classification systems, most amoebae were placed in the class or subphylum Sarcodina, a grouping of single-celled organisms that possess pseudopods or move by protoplasmic flow. However, molecular phylogenetic studies have shown that Sarcodina is not a monophyletic group whose members share common descent. Consequently, amoeboid organisms are no longer classified together in one group. 51cfd69524 The onset of symptoms begins one to twelve days following exposure (with a median of five). Initial symptoms... 51cfd69524

Naegleria fowleri It belongs to the phylum Percolozoa and is classified as an amoeboflagellate excavate, an organism capable of behaving as both an amoeba and a flagellate. It belongs to the phylum Percolozoa *Naegleria fowleri*, also known as the brain-eating amoeba or brain-eating amoeboid, is a species of the genus *Naegleria*. *Naegleria fowleri*, also known as the brain-eating amoeba or brain-eating amoeboid, is a species of the genus *Naegleria*. This free-living microorganism primarily feeds on bacteria, but can become pathogenic in humans, causing an extremely rare, sudden, severe, and almost always fatal brain infection known as primary amoebic meningoencephalitis (PAM), also known as naegleriasis 51cfd69524

Amoebic encephalitis system by free-living amoebae, often referred to in the media as a "brain-eating amoeba" infection: Granulomatous amoebic encephalitis Primary amoebic meningoencephalitis Amoebic encephalitis or amoebic meningoencephalitis may refer to several potentially fatal diseases that are infections of the central nervous system by free-living amoebae, often referred to in the media as a "brain-eating amoeba" infection: 51cfd69524

Lake Claiborne Isolated in a rural area, it is a popular man-made fishing area that has a combined estimated area of 6,400 acres (26 km²). girl in Louisiana died after being infected by an extremely rare brain-eating amoeba (*Naegleria fowleri*) that is found in warm freshwater such as Lake Lake Claiborne is a reservoir located near the town of Homer, Louisiana, United States. The state park also offers two world class disc golf courses. Lake Claiborne State Park, a Louisiana state maintained camping and recreation area, lies on southern shore of the lake 51cfd69524

Microbiologists often use the terms "amoeboid" and "amoeba" interchangeably for any organism that exhibits amoeboid movement. 51cfd69524

Brain-eating amoeba The term "brain-eating amoeba" has been used to refer to several microorganisms: *Naegleria fowleri*, which causes primary amoebic meningoencephalitis *Acanthamoeba* The term "brain-eating amoeba" has been used to refer to several microorganisms: 51cfd69524

Granulomatous amoebic encephalitis 51cfd69524

Amoeba Amoebae do not form a single taxonomic group; instead, they are found in every major lineage of eukaryotic

organisms. Other well known species include the so-called "brain-eating amoeba" *Naegleria fowleri*, the intestinal parasite *Entamoeba histolytica*. An amoeba or ameba (; pl. : amoebas or amebas (less commonly, amoebae or amebae)), often called an amoeboid, is a type of cell or unicellular organism with the ability to alter its shape, primarily by extending and retracting pseudopods. Amoeboid cells occur not only among the protozoa, but also in fungi, algae, and animals. and laboratories 51cfd69524

== Etymology == 51cfd69524 == References == 51cfd69524
 == Signs and symptoms == 51cfd69524 Many forms of bacteria, fungi and microorganisms, including a variety of harmful pathogens thrive and grow in stagnated water, the most common are: 51cfd69524

Lake Liddell "Brain-eating virus Lake Liddell is located between Muswellbrook and Singleton, in the Hunter Valley, New South Wales, Australia. a brain-eating amoeba, was discovered in the lake. Heavy metals have been detected in Lake Liddell. Thompson, Rod (12 August 2016) 51cfd69524

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