

# Brain abscess

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## Latest news

- [Diagnosing odontogenic sinusitis and avoiding the trap of maxillary sinus mucosal thickening on computed tomography: A clinical report](#)
- [Clinicopathological heterogeneity and complexity of polymicrobial brain abscesses](#)
- [Brain Abscess Following Definitive Radiotherapy in Patients With External Auditory Canal Carcinoma: Report of Two Cases](#)
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- [Chemical Synthesis and Antigenic Evaluation of Oligosaccharides of \*Bordetella hinzii\* O-Antigen Containing Unique Amidated 2,3-Diacetamido-2,3-dideoxy-alduronic Acids](#)
- [Executive Summary of State-of-the-Art Review: Modern Approach to Nocardiosis-Diagnosis, Management, and Uncertainties](#)
- [State-of-the-Art Review: Modern Approach to Nocardiosis-Diagnosis, Management, and Uncertainties](#)
- [S. suis serotype 2 meningitis in a patient with horse contact in a Japanese stable: A case report](#)

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## Definition

A brain [abscess](#) is a localized collection of [pus](#) or infected material within the [brain tissue](#).

see also [Intracranial abscess](#).

## Classification

[Brain abscess classification](#).

## Epidemiology

[Brain abscess epidemiology](#).

## Etiology

see [Brain abscess etiology](#).

## Pathology

A brain abscess is a focal area of [necrosis](#) starting in an area of [cerebritis](#) surrounded by a [membrane](#).

Brain [abscesses](#) are suppurative [infections](#) of the [brain parenchyma](#) surrounded by a vascularized [capsule](#).

Cerebral abscesses result from pathogens growing within the brain parenchyma. Initial parenchymal infection is known as cerebritis, which may progress into a cerebral abscess.

Cerebral infection is commonly divided into four stages with distinct imaging and histopathologic features:

early cerebritis (a focal infection without a capsule or pus formation, can resolve or develop into frank abscess) late cerebritis

early abscess/encapsulation - may occur 10 days after infection

late abscess/encapsulation - may occur >14 days after infection.

## Clinical features

[Brain abscess clinical features](#).

## Diagnosis

see [Brain abscess diagnosis](#).

## Differential diagnosis

see [Brain abscess differential diagnosis](#).

## Treatment

see [Brain abscess treatment](#).

## Management

see [Brain abscess management](#).

## Outcome

[Brain abscess outcome](#).

## Case series

[Brain abscess case series](#).

## Case reports

see [Brain abscess case reports](#).

## Brain abscess case reports from General University Hospital Alicante

[Brain abscess case reports from General University Hospital Alicante](#)

## Books

see [Brain abscess books](#).

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