

Mesial temporal sclerosis

[Mesial](#) temporal [sclerosis](#) (MTS) is a term used to describe scarring in the deep part of the [temporal lobe](#).

Mesial temporal sclerosis (MTS) is the most common cause of intractable [temporal lobe epilepsy](#).

Etiology

see [Mesial Temporal Sclerosis Etiology](#).

Pathology

The hippocampal formation is not uniformly affected, with the [dentate gyrus](#), and the [CA1](#), [CA4](#) and to a lesser degree [CA3](#) sections of the hippocampus being primarily involved. Histologically there is neuronal cell loss, gliosis and sclerosis.

Clinical Features

[Mesial Temporal Sclerosis Clinical Features](#).

Diagnosis

[Mesial Temporal Sclerosis Diagnosis](#).

Complications

Mesial temporal sclerosis (MTS) is the most common cause of intractable [temporal lobe epilepsy](#).

Treatment

[Mesial Temporal Sclerosis Treatment](#).

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