

[Open Peer Review on Qeios](#)

# Aleukemic mast cell leukemia

INSERM

## Source

INSERM. (1999). *Orphanet: an online rare disease and orphan drug data base. [Aleukemic mast cell leukemia](#). ORPHA:158799*

Aleukemic mast cell leukemia is a very rare, aggressive form of systemic mastocytosis characterized by abnormal growth and proliferation of neoplastic mast cells (<10%) in the bone marrow and/or blood, as well as other tissues such as the liver, peritoneum, spleen or bones. Patients typically present with symptoms related to mast cell activation (e.g. hot flushes, fever, malaise, diarrhea, tachycardia), weight loss, anorexia, hepatosplenomegaly or, less frequently, cutaneous mastocytosis. Gastroduodenal ulcers (often complicated by hemorrhage), ascites and portal hypertension have also been reported.