

[Open Peer Review on Qeios](#)

# PTEN hamartoma tumor syndrome

INSERM

## Source

*INSERM. (1999). Orphanet: an online rare disease and orphan drug data base. [PTEN hamartoma tumor syndrome](#). ORPHA:306498*

PTEN hamartoma tumor syndrome (PHTS) is a term defining a group of clinically heterogeneous disorders united by a germline PTEN mutation and the involvement of derivatives of all 3 germ cell layers, manifesting with hamartomas, overgrowth and neoplasia. Currently, subsets carrying clinical diagnoses of Cowden syndrome, Bannayan-Riley-Ruvalcaba syndrome, Proteus and Proteus-like syndromes and SOLAMEN syndrome (see these terms) belong to PHTS.