## **Open Peer Review on Qeios**

## Hemorrhagic disease due to alpha-1antitrypsin Pittsburgh mutation

## INSERM

## Source

*INSERM. (1999). Orphanet: an online rare disease and orphan drug data base.* <u>Hemorrhagic disease due to alpha-1-antitrypsin Pittsburgh mutation</u>. ORPHA:178396

Hemorrhagic disease due to alpha-1-antitrypsin Pittsburg mutation is a rare, genetic, constitutional coagulation factor defect disorder characterized by a bleeding tendancy of variable severity due to methionine 358 to arginine replacement (Pittsburgh mutation) in the alpha-1-antitrypsin protein. Patients present with spontaneous hematomas, hematomas following minor trauma or surgery and, in female patients, ovarian hematomas after ovulation.