Pancreatitis In Poorly Controlled Classic Homocystinuria

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Discussion

The etiology of pancreatitis in HCU is unknown but is likely linked to elevated homocysteine levels associated with poorly controlled disease. Thrombosis and inflammation may also contribute to its development.

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Compliance to treatment and maintaining total homocysteine levels in the therapeutic range can prevent pancreatitis

• Abdominal pain and vomiting or anorexia warrants a pancreatitis workup in HCU as it can change management



	HCU control	Pancreatitis age of presentation	Pancreatitis recurrence	Pancreatitis outcome
us ility ss	Uncontrolled	14 y	One episode	Diabetes requiring insulin
sm ss	Uncontrolled	16 y	Four episode	Diabetes requiring insulin Deceased (respiratory failure)
	Uncontrolled	8γ	Five episodes	Pancreatic insufficiency and diabetes
tus ss	Uncontrolled	15 y	Three episodes	Chronic pancreatitis