

## How to resolve a catastrophic left atrial appendage rupture during transcatheter closure

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### Abstract:

A 76-year-old male patient was admitted for percutaneous left atrial appendage (LAA) closure because of chronic atrial fibrillation and a history of gastrointestinal bleeding under oral anticoagulation. The procedure was complicated by perforation of the LAA with the lobe of the closure device being placed in the pericardial space. Keeping access to the pericardial space with the delivery sheath, the LAA closure device was replaced by an atrial septal defect closure device to seal the perforation. Then the initial LAA closure device was reimplemented in a correct position. Needle pericardiocentesis was required but the subsequent course was uneventful.

