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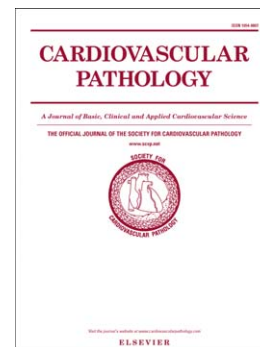
Complete Step Section Microscopic Study of a Swan-Ganz Catheter Related Pulmonary Artery Rupture: A frequently lethal complication that to our knowledge has not had a comprehensive microscopic examination: Case Report and Literature Review

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Complete Step Section Microscopic Study of a Swan-Ganz Catheter Related Pulmonary Artery Rupture: A frequently lethal complication that to our knowledge has not had a comprehensive microscopic examination: Case Report and Literature Review

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Figure #: 1

## Abstract

**Background**-Introduced in 1970 the Swan-Ganz catheter (SGC) soon became widely used because of its unique usefulness in managing intensive care patients. Unfortunately SGC usage was complicated by pulmonary artery rupture (PAR) with a 50% mortality rate that led to a near banning of the SCG in the late 1980s. Increasing knowledge and decreasing incidence of SGC related PARs (SGPAR)s led to the current feeling that the present SGPAR incidence is now low enough to tolerate, given the lives saved by SGC usage. However, an important unknown is that to our knowledge pathologists have never published a comprehensive microscopic description of a SGPAR. **Case Report**-A 73-year-old woman with moderate pulmonary hypertension died from a SGPAR soon after single SGC measurements of right ventricular and pulmonary capillary

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