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# IN SUMMARY

## SUSPECT

pulmonary hypertension  
left ventricular failure  
COPD  
Obesity/OSA  
cardiac surgery  
ARDS  
PE  
congenital heart disease  
LVAD/heart transplant

## ASSESS

clinical  
blood  
ECG  
imaging  
CVP/PAC

## MANAGEMENT

treat underlying?  
preload: diurese/small fluid  
bolus  
rate a little faster  
PVR - anaes, surg, drugs  
consider inodilators  
mechanical support

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# THANKS

