



ACS during COVID-19 Pandemic



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- Acute coronary syndrome (ACS) in COVID-19 pandemic poses a challenge as we have to weigh the emergent cardiac risk to the patient, yet reduce the risk of COVID-19 spread amongst healthcare workers
- There have been reports of COVID-19 cases presenting as ACS such as myo-pericarditis with normal coronary arteries
- Therefore, we are recommending a conservative approach towards ACS patients
- Thrombolysis will be the mainstay for STEMI treatment (as per algorithm)
- Percutaneous coronary intervention (PCI) is then recommended only for RESCUE PCI or once COVID-19 Negative status is confirmed; perform PCI with full personal protection equipment (PPE) and terminal cleaning of cath lab post procedure
- Patients under Investigation (PUI) should be monitored in a negative pressure room or open general ward with adequate isolation until proven COVID-19 negative
- It is important to liaise with your Infectious Disease (ID) physician regarding treatment strategies



ACS during COVID-19 Algorithm

