TOP THINGS TO KNOW
Impact of Time of Presentation on the Care and Outcomes of Acute Myocardial Infarction

1. Mortality is highest in persons with CAD in the US.
2. Many patients are not receiving evidenced based medical, reperfusion or invasive therapies when admitted for AMI as recommended by the ACC/AHA STEMI and Non-STEMI guidelines.
3. Some studies have shown conflicting results of quality of care during “off-hours” of clinical presentation.
4. This study found interesting results in the in-hospital in the “regular hour admissions for AMI” vs. “off-hours admission for AMI”.
5. This study examined the generalizability of the results of this study to other populations.
6. This also study included sub-group analyses within this study population.
7. This study found that arrival during off-hours was associated with slightly lower rates of primary PCI and revascularization during the initial hospitalization, and significantly longer Door-to-Balloon times.
8. The authors suggest that healthcare providers should continue to work to enhance the healthcare system during regular and off-hours and reduce existing disparities in cardiac care through multifaceted initiatives aiming to improve the timely delivery of evidence-based therapies.

Impact of Time of Presentation on the Care and Outcomes of Acute Myocardial Infarction
http://circ.ahajournals.org/cgi/reprint/CIRCULATIONAHA.107.752113