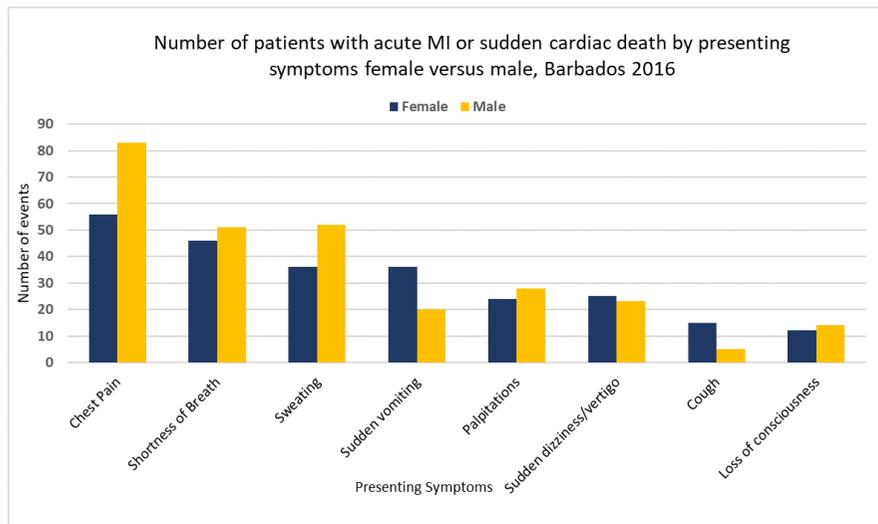


## Do male and female MI patients present with different symptoms?

The cardiovascular disease (CVD) registries within the BNR collect data on stroke and heart attack events, which occur either in hospital or within the community. Our data shows the differences in presenting symptoms for male and female patients below:



- Women were less likely to complain of chest pain
- Men are more likely to have sweating
- Women are more likely to report episodes of sudden vomiting

Recognition of the differences in symptoms in males versus females can contribute to early diagnosis and better treatment for both sexes.

### The Barbados National Registry for Chronic Non-Communicable Disease

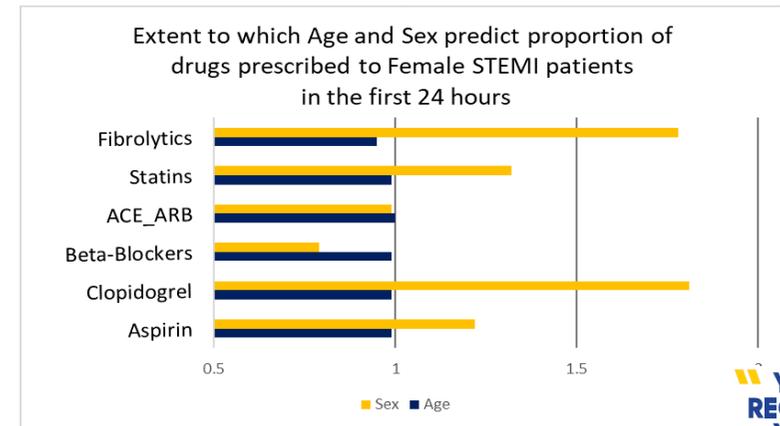
The George Alleyne Chronic Disease Research Centre  
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## Are male and female MI patients treated differently?

Differences in outcomes and treatment by sex is a global phenomena. Do they exist in Barbados?

A recent study using registry data explored the effects of sex on the treatment of STEMI patients in hospital and at discharge by examining prescription practices by gender and age.



### Findings:

- Age did not have a significant impact on the medications prescribed
- Females had significantly lower levels of prescription for Clopidogrel and Fibrinolytics, in the first 24 hours.
- Men were 1.78 times more likely to be prescribed fibrinolytics than women. (Table 1)

However, at discharge from hospital, drugs were evenly prescribed except beta-blockers which were more commonly prescribed to women.

One of the possible reasons for this disparity is a delay in the diagnosis of female AMI patients due to atypical presentations.

### Current Staff

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