



# **MEDICATION ERRORS - A CAUSE FOR MAJOR CARDIOVASCULAR EVENTS** IN AN EMERGENCY DEPARTMENT

**5PSQ-024 C01 - Cardiac therapy** 

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### Background

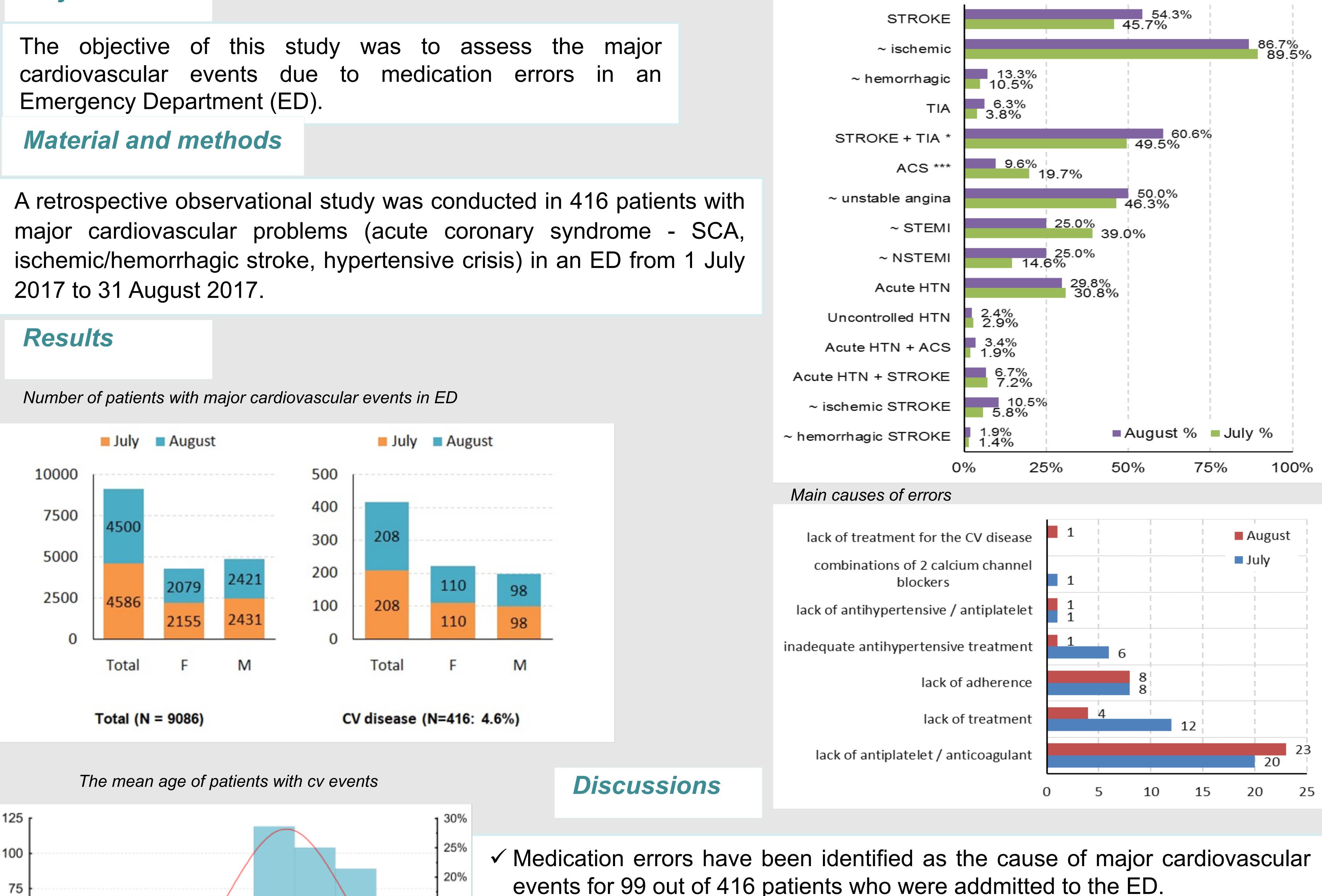


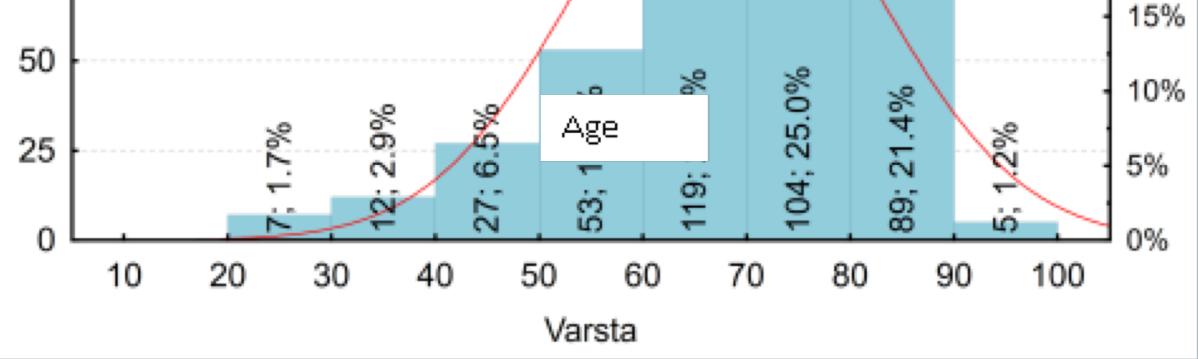
Cardiovascular diseases (CVD) represent the main cause of mortality worldwide. The drugs recommended for CVD are the most prescribed drugs and, as a consequence, the risk of medication errors is increased. Nowadays, medication errors are the most common type of medical errors.

## **Objectives**

The objective of this study was to assess the major medication errors in an

#### Main CV events





Conclusions

- The most commonly reported types of medication errors inappropriate drug therapy and non compliance to treatment.
  - $\checkmark$  In our study, we did not observe any spontaneous reporting of drug error; all medication errors were identified only by the systematic review of records.  $\checkmark$  more resources for continuing education and training of medical personnel to reduce the medication errors could be allocated.

Medication errors are one of the major causes of major cardiovascular events. Many of the medication errors leading to visit in ED could be prevented. It is necessary to develop prevention strategies. Clinical pharmacologist/pharmacist can play an important role in this strategy.