**S2 Fig. Flow diagram of the study population**

**ERASMUS   
Medical Center**

**MAASSTAD   
hospital**

**FERNANDO FONSECA hospital**

ED visits during study period

n=29,347

Included patients  
n=25,583

ED visits during study period

n=33,604

ED visits during study period

n=243,139

Included patients  
n=32,532

Included patients  
n=230,548

Excluded (5.2%)  
- Missing age and gender (n=5)

- Missing MTS urgency (n=1512)

- Missing disposition (n=11,074)

Excluded (3.2%)

- Missing age and gender (n=0)

- Missing MTS urgency (n=798)

- Missing disposition (n-274)

Excluded (12.8%)

- Missing age and gender (n=0)

- Missing MTS urgency (n=3462)  
- Missing disposition (n=302)