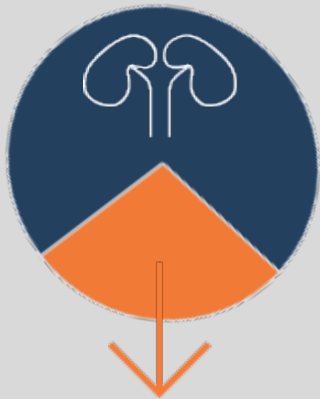


# Overdiagnosis of Urinary Tract Infection Linked to Overdiagnosis of Pneumonia: A Multi-Hospital Cohort Study

Results from 46 Michigan hospitals from 2017-2019 (N=24,483 hospitalized patients)

## Overdiagnosis of Urinary Tract Infection (UTI)

(N=10,398)

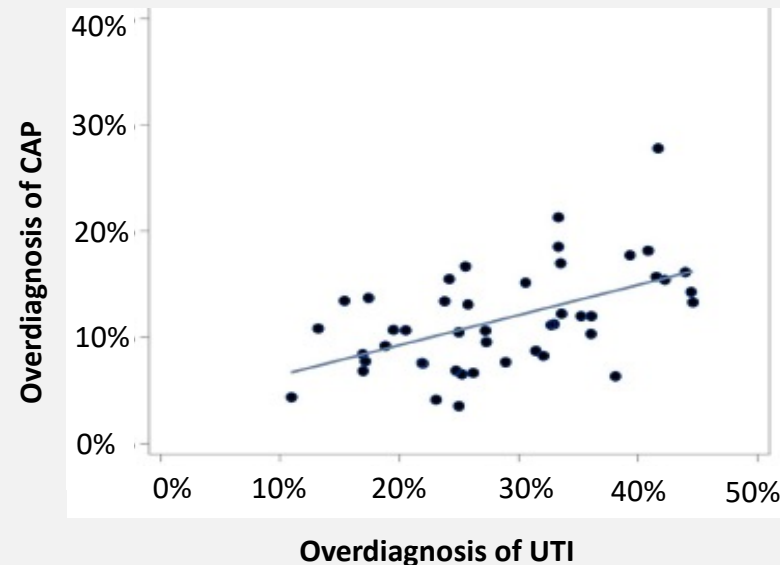


**27.8%** Lacked signs or symptoms of UTI

## Correlation of Overdiagnosis at the Hospital Level

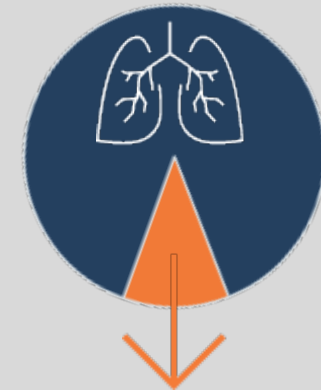
R=0.53  
P<0.001

(1 dot = 1 hospital)



## Overdiagnosis of Community-acquired Pneumonia (CAP)

(N=14,085)



**11.4%** Failed to meet diagnostic criteria

Hospitals with more overdiagnosis of UTI also had more overdiagnosis of CAP