

Eligibility

Prior database enrollment

≥180 days

No observed history of the outcome

Any time prior to 0 days

≥1 hypertension Dx

Any time prior to 0 days

Exposure

(ACEi, ARB, CCB, THZ)

* No observed Rx for any other antihypertensive

* *applied for monotherapy analysis only*

-180 to 0 days

Adjustment

(Propensity score matching, stratification)

Covariate assessment: conditions, drugs, procedures, measurements, devices, and observations

Any time prior to 0 days

-180 to 0 days

-30 to 0 days

Outcomes

(COVID-19 infection and disease)

Censoring events: Rx discontinuation, data disenrollment, death, outcome-of-interest (below)

- 1) COVID-19 diagnosis
- 2) COVID-19 hospitalization
- 3) Hospitalization with pneumonia
- 4) Hospitalization with pneumonia, acute respiratory distress syndrome (ARDS), acute kidney injury (AKI), sepsis

Follow-up

+1 to end of data availability

Most recently observed Rx for target or comparator drug

- last target drug Rx observed between 11/1/19 and 1/31/20

* It is not possible for patients to meet criteria to enter both target and comparator cohorts