

# Quarter 2, 2020 Report

*Data:*

April to June 2020

There were  
3,031 strokes in  
Quarter 2

**5%**

Of strokes were  
subarachnoid  
hemorrhages

60% of  
patients  
received IV-  
tPA within 60  
minutes

## Discharge

- 10% of patients had no symptoms at discharge
- 10% of patients had moderate to severe disability
- The average length of stay was 7 days

**6%**

Of strokes  
were  
transient  
ischemic  
attacks

70% of  
strokes  
were  
ischemic

**14%**

Of strokes were  
intracerebral hemorrhages

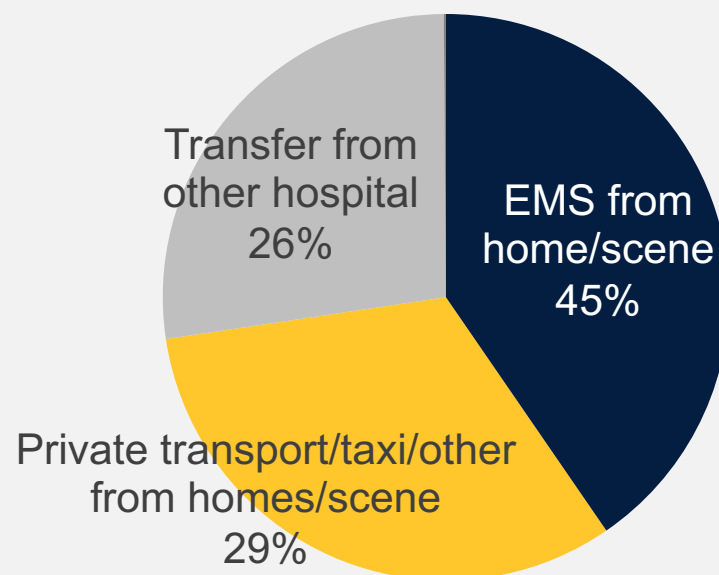
### *Top Reasons for no IV rt-PA initiation:*

1. Mild Stroke
2. Given outside the Hospital
3. Acute Bleeding Diathesis

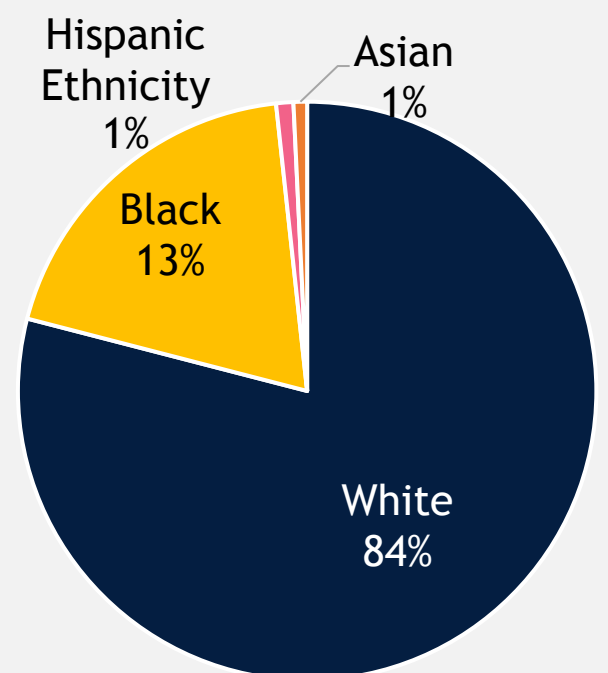
### *Top Reasons for IV rt-PA initiation beyond 60 minutes:*

1. Care-team unable to determine patient eligibility
2. Hypertension
3. Refusal

## Arrival Mode for All Stroke Types



## Race



## Age

- 48% of strokes occurred in those ages 66-85
- 35% occurred in those age 46-65
- The average age for all strokes was 60

## Arrival Times

- Most patients arrived at the hospital in over 300 minutes via private transportation (70%)
- 58% of patients via EMS services arrived in over 300 minutes

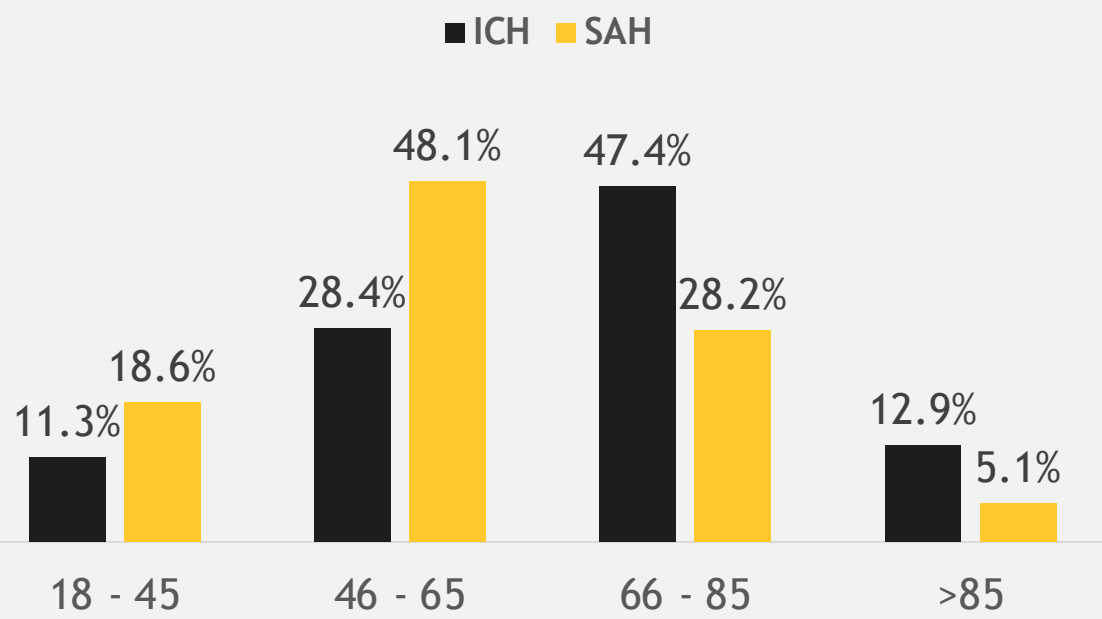
## Risk Factors

- The most common co-morbidities among stroke patients were:
1. Hypertension-76%
  2. Dyslipidemia-43%
  3. Diabetes-31%

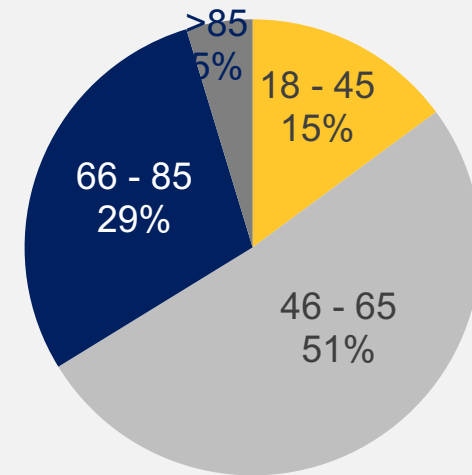
# Hemorrhagic strokes

## Subarachnoid (SAH) and Intracerebral Hemorrhages (ICH)

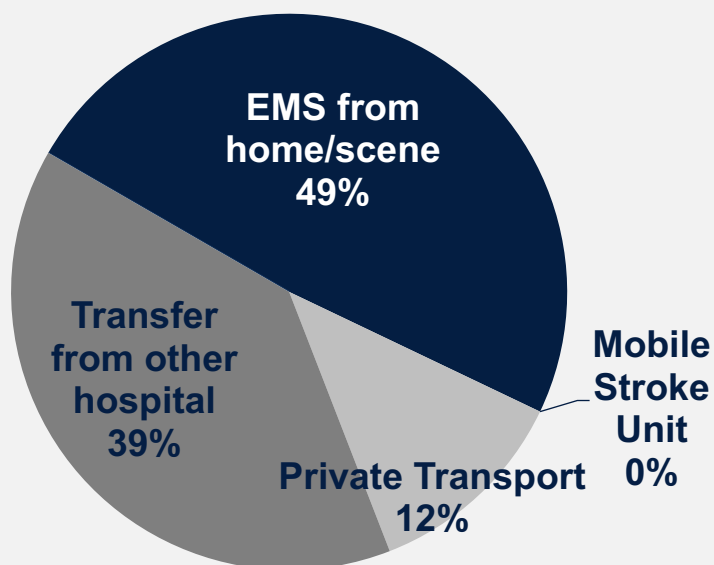
Comparison of Age Distributions



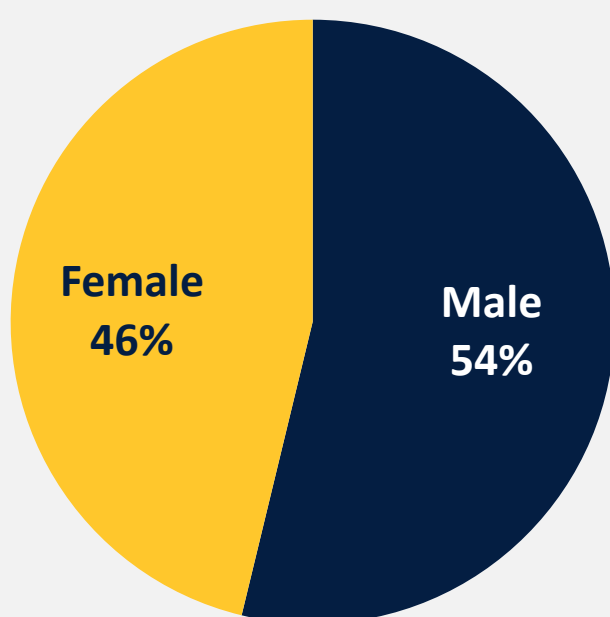
Age Distribution among SAH Patients (n=148)



Arrival Mode Among ICH Stroke Patients  
n=443



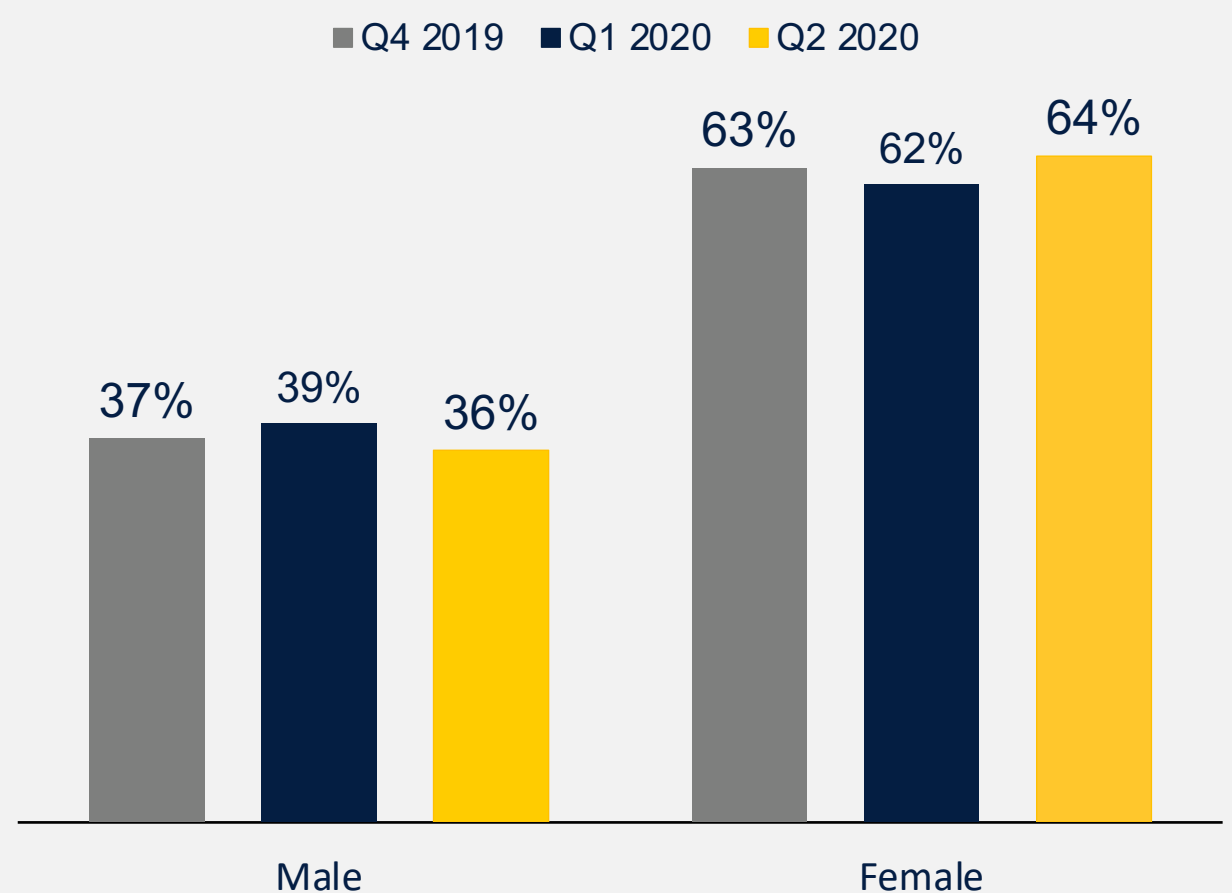
Gender Distribution ICH  
n =443



### Discharge

- 16% of SAH patients had no symptoms at discharge
- 5% of ICH patients have no symptoms at discharge
- 7% of SAH patients had moderate to severe disability
- 15% of ICH patients had moderate to severe disability
- The average length of stay for SAH patients was 12 days
- The average length of stay for ICH patients was 8 days

Gender Distribution SAH



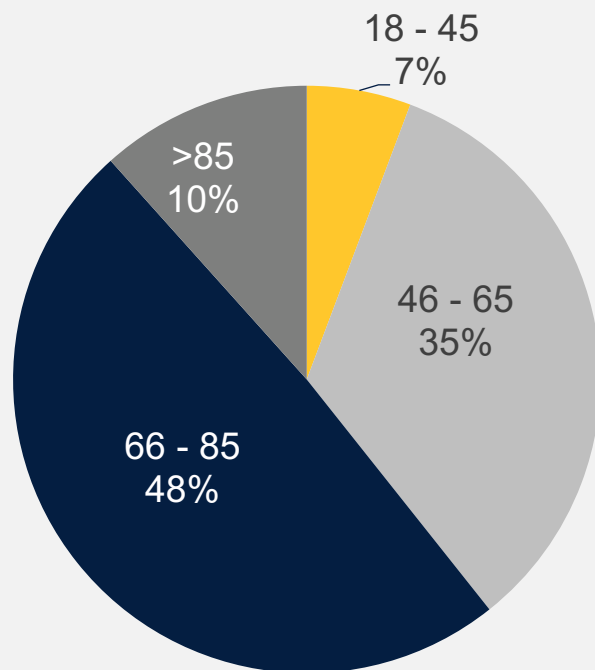
Quarter 2, 2020

# Ischemic Strokes

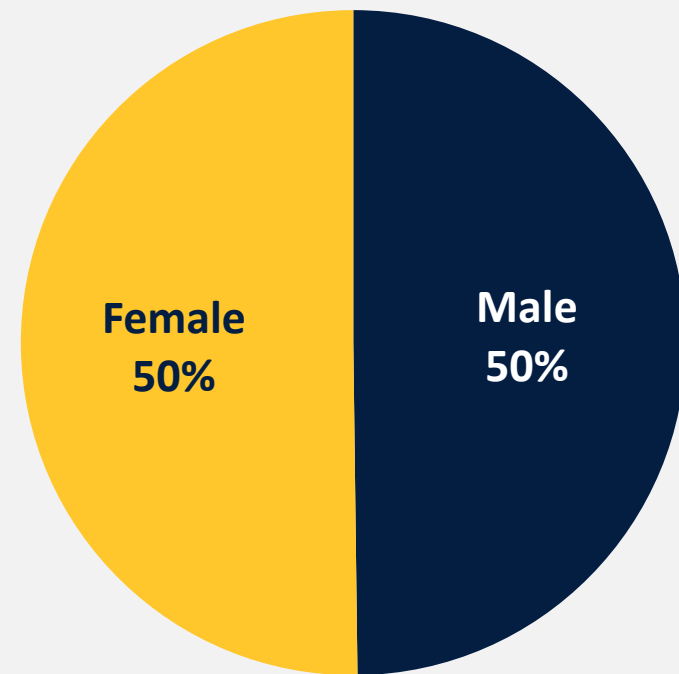
Data

Quarter 2: April to June 2020

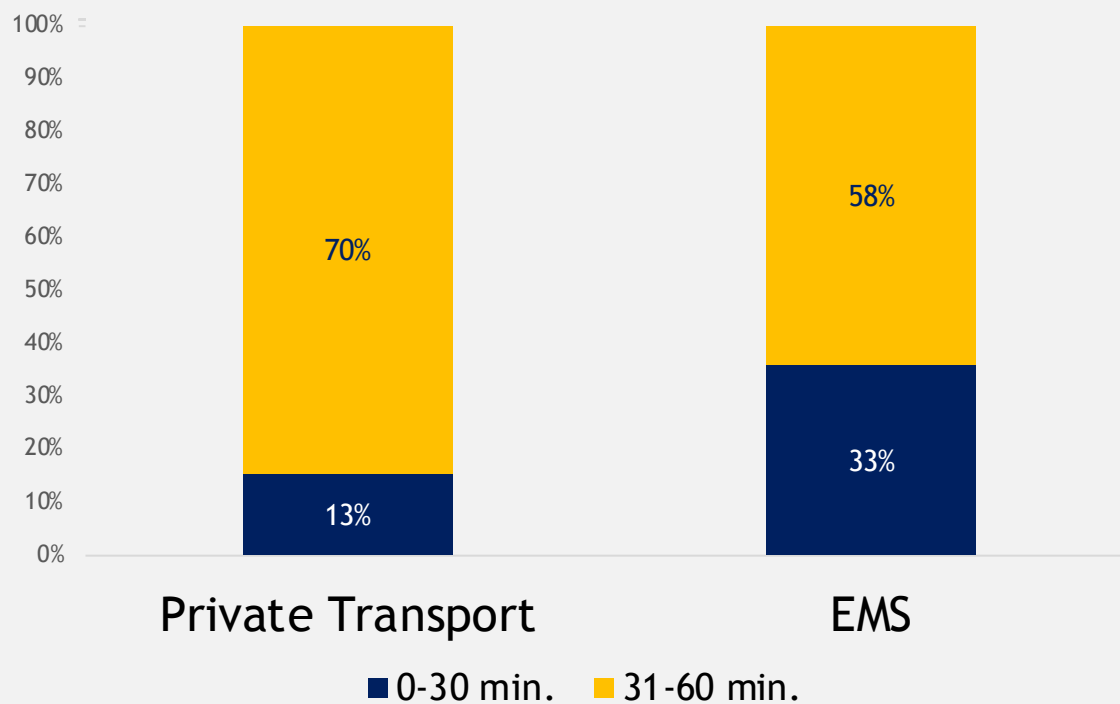
Age Distribution Among Ischemic Patients  
n=2237



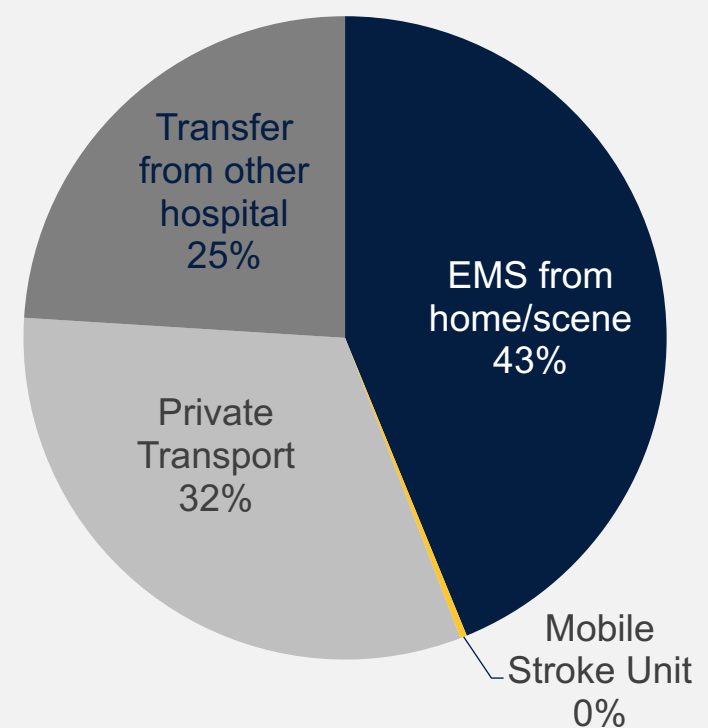
Gender  
n = 2237



Time to Intravenous Thrombolytic Therapy



Arrival Mode Among Ischemic Stroke Patients  
n=2237



## Discharge

- 10% of patients had no symptoms at discharge
- 10% of patients had moderate to severe disability
- The average length of stay was 7 days

Time to Intravenous Thrombolytic Therapy

