me.

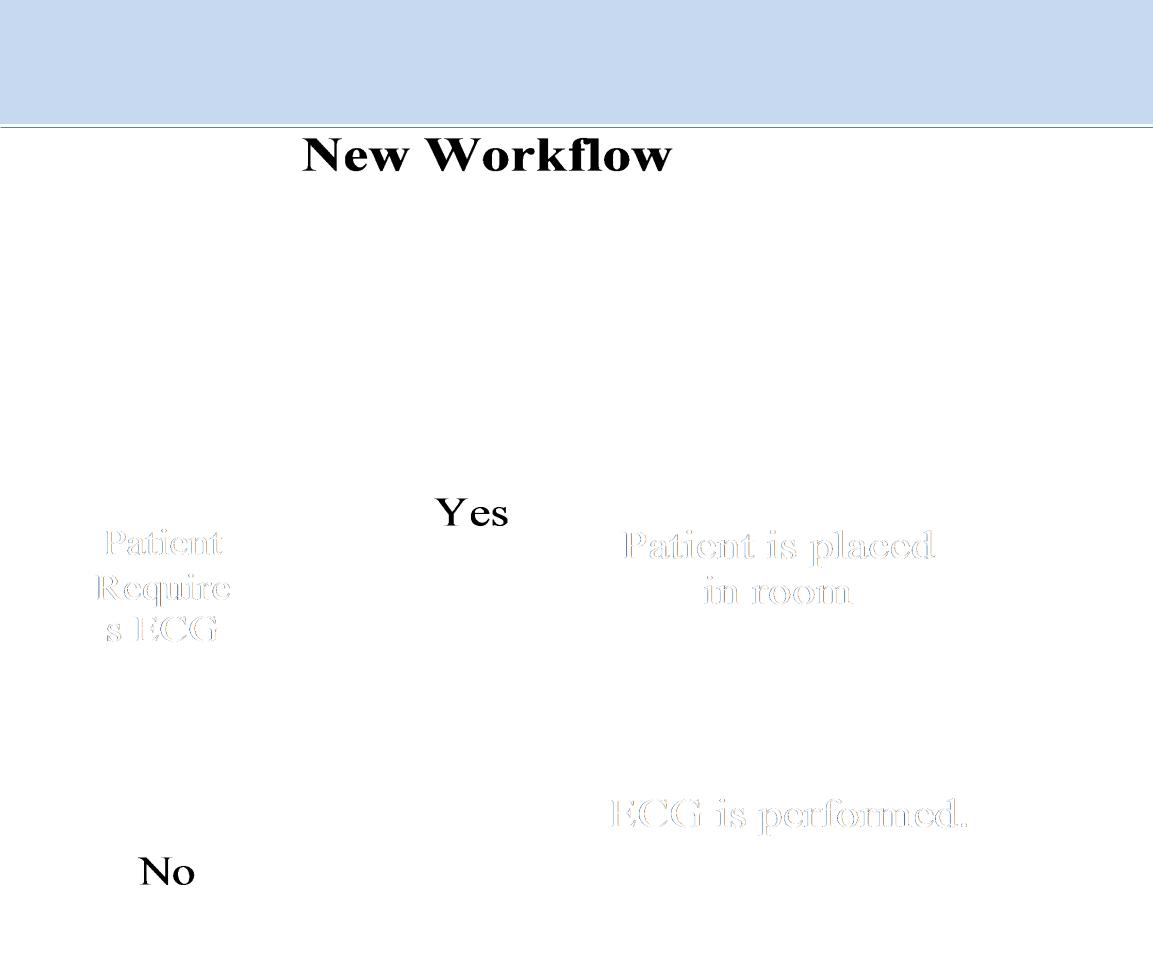
utes.

(American College of Cardiology/American Heart

door to ECG time to meet ACC/AHA guidelines.

ski et al., 2020). Maliszewski et al., 2020). o prevent death or complications in patients. nost prevalent and is associated with adverse

usion, poor quality care. he best intervention for a patient. ent safety measure. events associated with ACS.



## Improving the Chest Pain Patient Arrival to ECG Completion Time in a Sports Complex Medic Project Team: Robert Robinson, BSN, RN : email: rr403@Verizon.net Mobile 201 921 3415 Chair: Barbara Niedz PhD, RN, CPHQ, Team Member: Christopher Robertson, DNP, RN, NES-BC

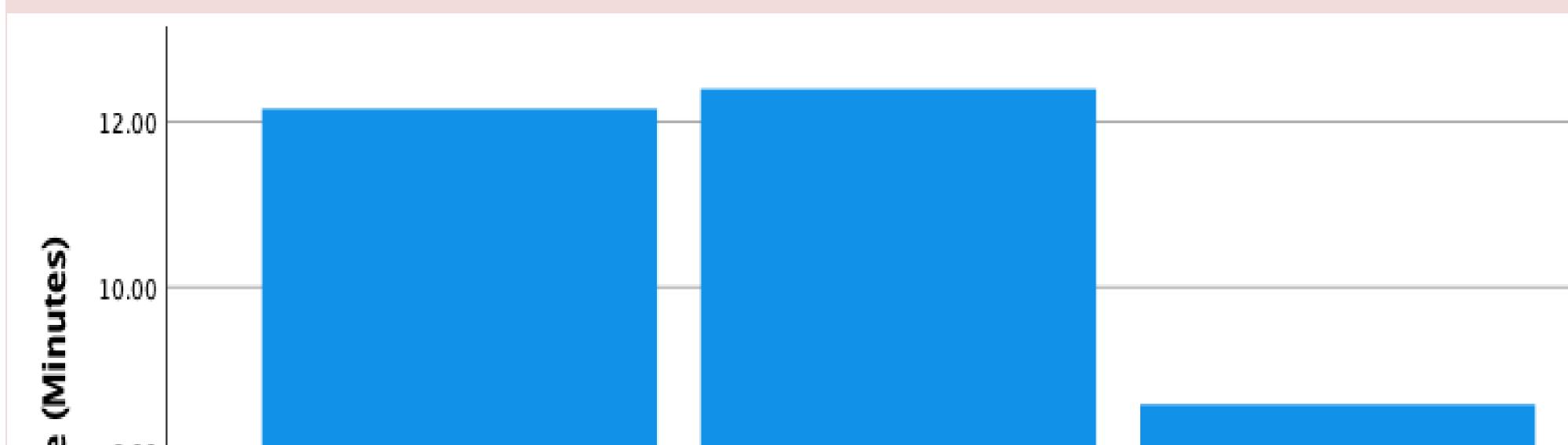
Results **Demographics** 

Characteristic Age-2018 Age-2019 Age-2022 **CC onset to Arrival Time (Minutes CC onset to Arrival Time (Minutes Door to ECG time (Minutes)-2018 Door to ECG time (Minutes)-2019 Door to ECG time (Minutes)-2022** Volume-2018 Volume-2019 Volume-2022 Gender: Male Female Transportation (Pre): Transported Not Transported Transportation (Post): Transported Not Transported **Chief Complain:** Cardiac Near syncope Syncope Neurological Respiratory

**Diabetic Emergency** 

### **Outcome Measures**

12.4, and 8.58 respectively



	n (%)	M (SD)
		47.04 (22.42)
		47.20 (21.30)
		52.43 (17.24)
es)-Pre		3.34 (6.84)
es)-Post		3.68 (6.25)
8		12.16 (3.16)
9		12.40 (3.77)
2		8.58 (2.43)
		2.16 (0.987)
		2.56 (1.121)
		2.42 (1.458)
	60 (60.6%)	
	39 (39.4%)	
	26 (52.0%)	
	24 (48.0%)	
	23 (46.0%)	
	27 (54.0%)	
	41 (41.0%)	
	21 (21.0%)	
	16 (16.0%)	
	11 (11.0%)	
	9 (9.0%)	
	2 (2.0%)	

# Average door to ECG in 2018, 2019, and 2022 are 12.16,

### **Statistical Analysis**

 Mann-Whitney U test sh decrease in the door to E < 0.001) and 2019 and 20

Outcome	Year
Door to ECG (2018 and	2018
2019 Door to ECG (2019 and	2019 2019
2022)	2022
Door to ECG (2018 and 2022)	2018 2022

#### Discussion

- The door to ECG time decre of having the RN be the firs arrival to the medical unit.
- The intervention which invo effective in decreasing the o Implications
- **Clinical Practice:** Improved improved Door to ECG Time workflow design would lead new workflow. Also, the fin be reduced and reached the Health care policy: A new p incorporation of the interve Quality and Safety: While c and safety of patients will in adverse events such as dear and also queuing.
- Education: The staff was ed implement the new workflo agreed that continuation of