



# Understanding the Patient Population of a Student-Run Free Clinic: A Retrospective Chart Review

Sobiah Khan OMS-III, Shayna Peterzell OMS-II, Ashley Lovenduski OMS-II, Shelly Sharma OMS-III, Roma Padalkar OMS-III, Isbella Slaby DO, Adarsh Gupta DO



## Clinic Background

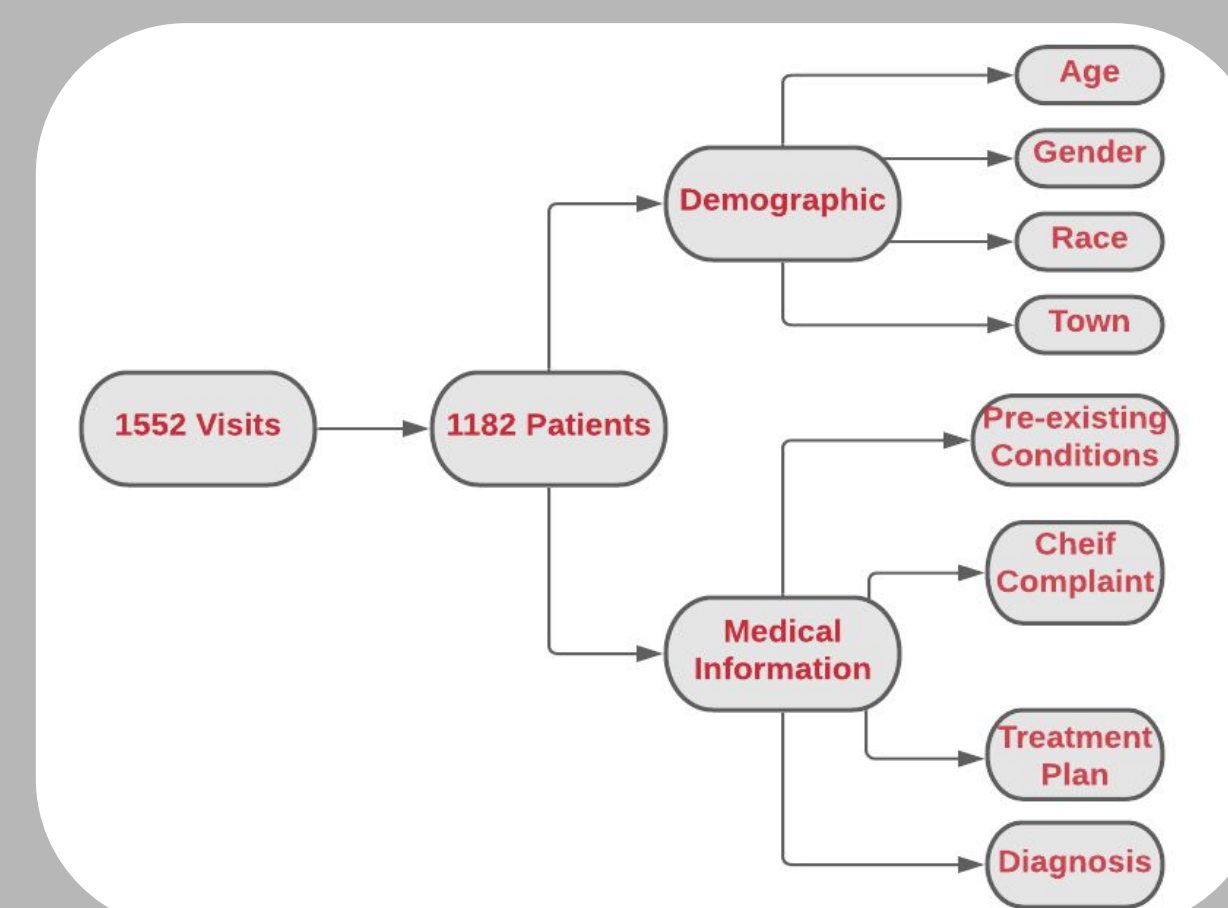
- The Camden Community Health Center (CCHC) was established in Camden, NJ in 1999 and remained open until 2018
- CCHC was a student-run clinic that provided cost-free, non-emergent primary care services
  - regardless of income, insurance, or legal status
  - made it an accessible source of healthcare for the community
- A new iteration of the clinic with the same mission, Rowan Community Health Center (RCHC), opened in 2019 and is located in Lindenwold, NJ

## Aims

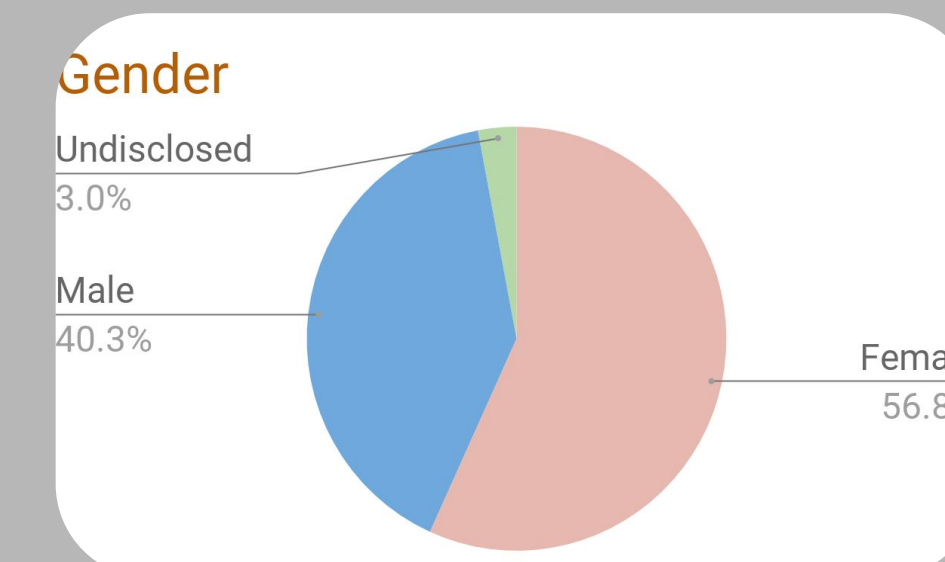
- The goals of this project will be to:
- quantify the common health care needs of CCHC patrons
  - compare clinic demographics to that of Camden, NJ proper
  - asses quality of care at CCHC
  - outline potential improvements for RCHC

## Materials and Methods

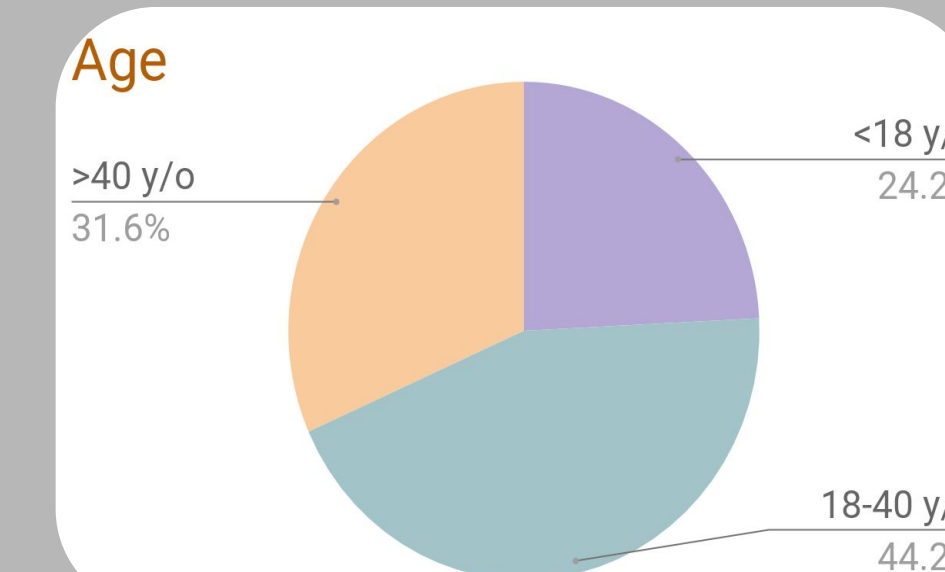
- IRB approved retrospective review
- 1182 paper charts were randomly selected from clinic chart archive
- Information extracted from 1552 visits at CCHC from 2000-2018 were transcribed into a form using Qualtrics
- Qualtrics data was extracted and transcribed into an Excel spreadsheet for analysis
  - all relevant categorical variables were described as percentages while means were calculated for continuous variables
- Charts without relevant data (age, gender, race, etc) were excluded



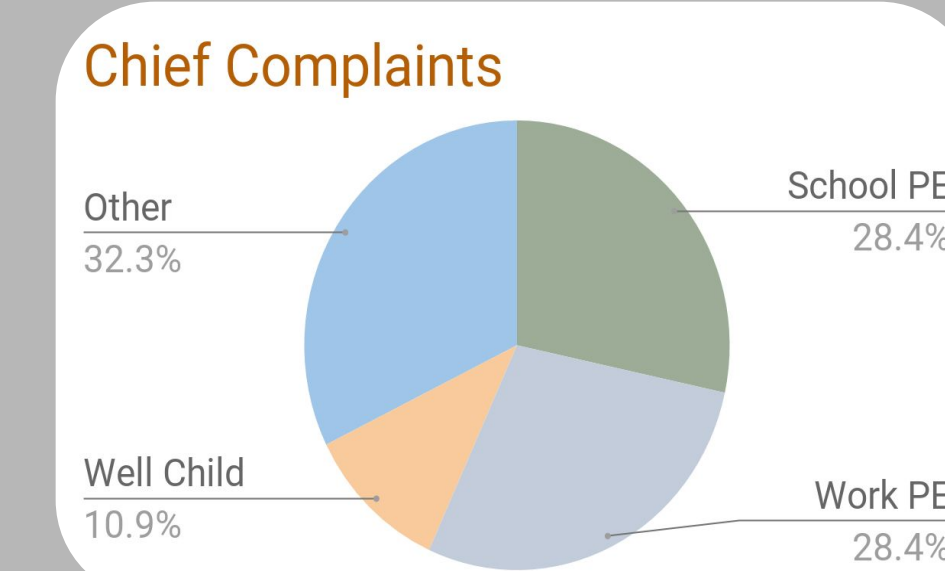
## Results



# of Visit	# of pts
once	86%
2+	14%

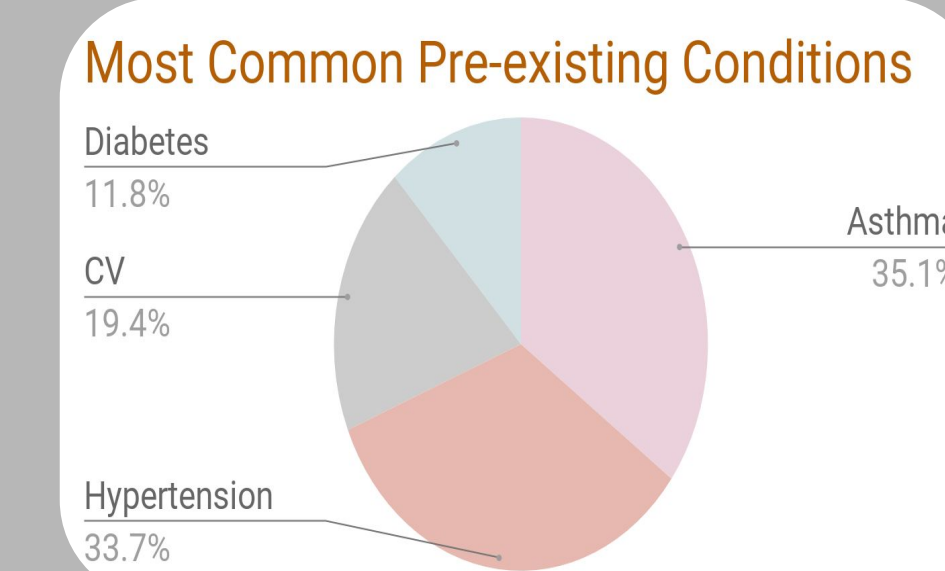


Race	# of pts
Hispanic	351
Black	199
Undisclosed	384



Residence	% of pts
Camden	66%
Other	34%

Trx	% of pts
Prescription	23%
Labs	42%



Only 6% of patients listed a prior PCP listed on intake form

30% (355/1182) of patients had a new diagnosis after initial visit

## Conclusion

- 6% of patients had a prior primary care physician (PCP)
  - Indicates a further need to investigate if and why patients do not have access to a PCP
- CCHC played an important role in providing primary care services - providing physicals to patients that would travel long distances to be seen
- 86% of those patients that came for physicals did not make follow up appointments
  - suggesting these individuals likely do not visit a physician regularly or cannot afford to do so
- Limitations in medical information collection due to inconsistent paper chart forms
  - RCHC has implemented the use of EMR in response and tailored intake forms
- There is a need for accessible and affordable primary care in the South Jersey area, which RCHC is hoping to meet