

HOW WELL DOES A STUDENT-RUN FREE CLINIC CARE FOR HYPERTENSIVE PATIENTS? A QUALITY CONTROL STUDY WITH RECOMMENDATIONS FOR CARE Sojourner Health Clinic - Kansas City, Missouri

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ABOUT SOJOURNER CLINIC

- Sojourner Clinic is situated in downtown Kansas City, near several homeless shelters
 - Most patients are middle-aged men who come from the surrounding shelters
- Clinic is held every Sunday from 11-3, average of 15-20 patients
 - Completely mobile clinic constructed in the back room of a church
 - ► We provide medications and point of care labs in house
- Hypertension is one of the most commonly treated conditions at Sojourner Clinic

STUDY METHODOLOGY

- ► Chart review of patients seen from 2014-2017
 - ► Each patient encounter begins with triage information
 - Recorded each patient's residence, age, race, most recent blood pressure reading, average of last 5 blood pressure readings, medication list, and diagnosis of diabetes or CKD
- Compare findings to JNC 8 recommendations

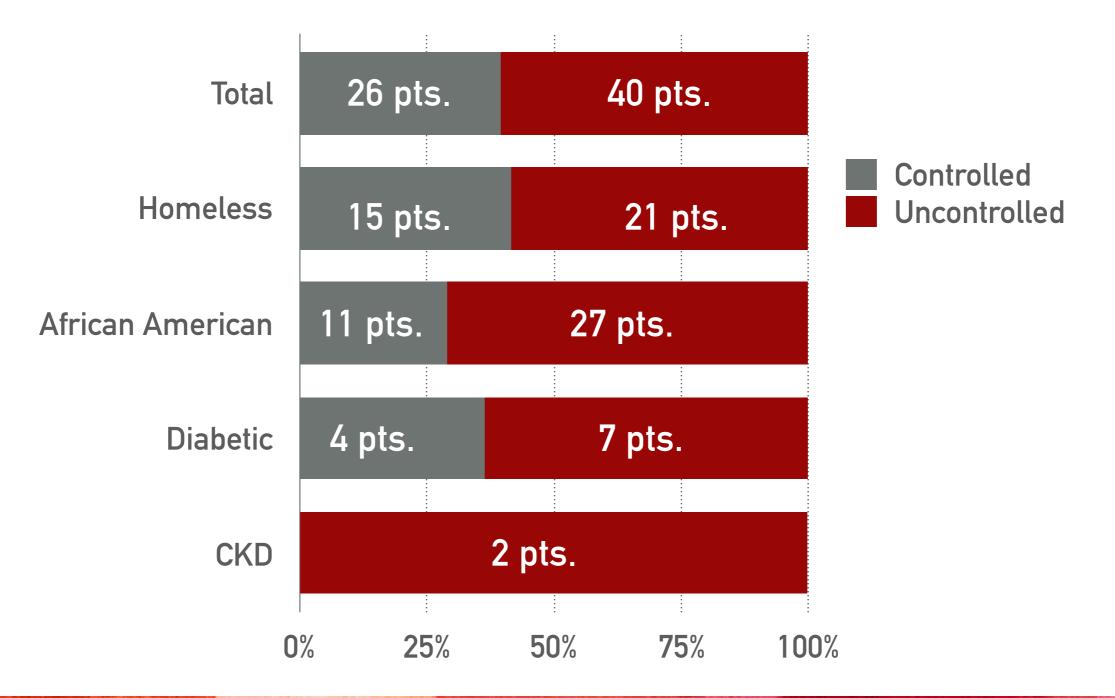


HOW JNC8 DEFINES HYPERTENSION

- > 2 separate readings separated by at least 7 days
- ► Ages 30-59
 - ► over 140/90
- ► 18+ and with CKD or diabetes
 - ► over 140/90
- ► Ages 60+
 - ≻ over 150/90

RESULTS

Identified 66 patients who would be considered hypertensive according to JNC 8 guidelines

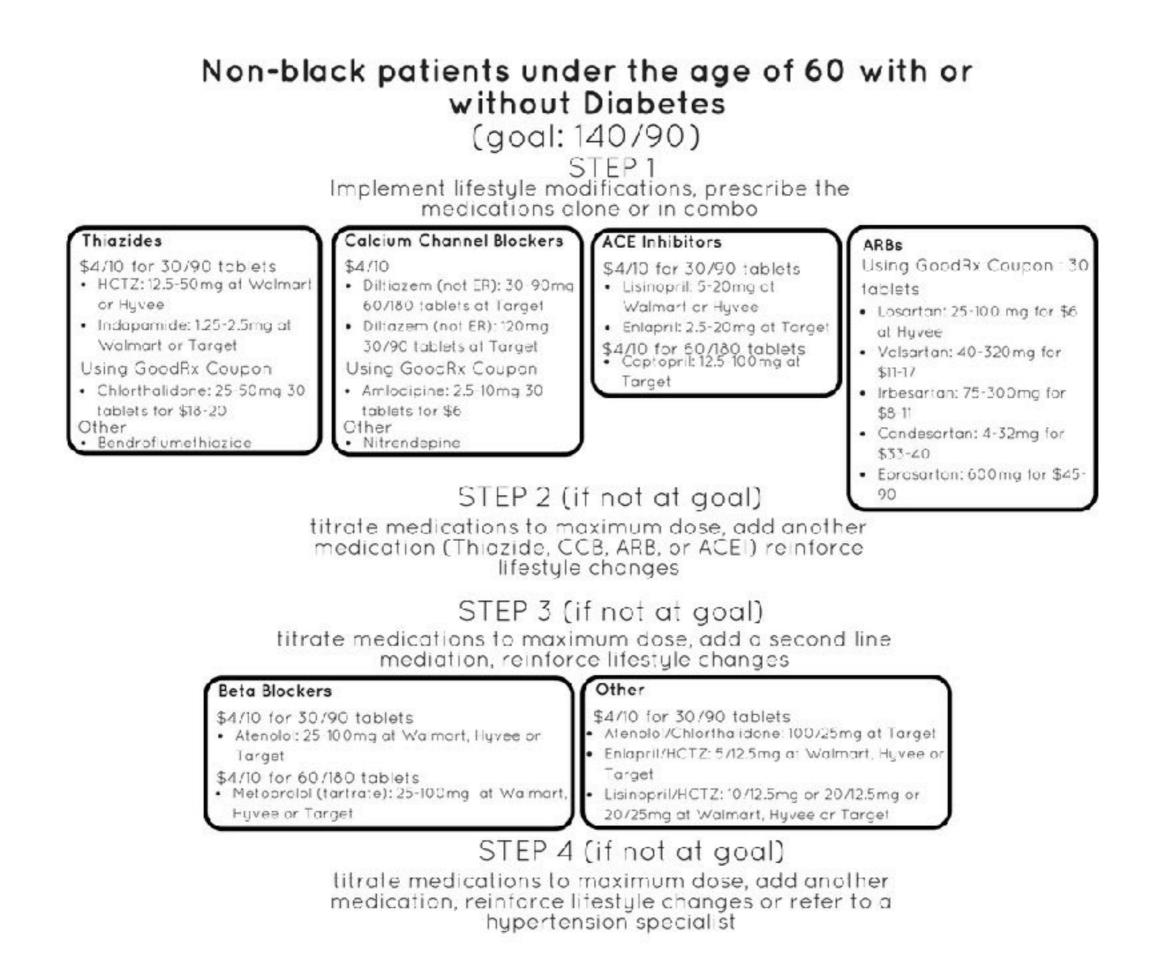


CONCLUSIONS

- Sojourner's uses paper charts
 - discrepancies in the amount of information recorded
- Lack of stable housing was less of a factor than originally predicted
- Race and diabetic status appeared to increase likelihood of having uncontrolled hypertension
- ► There was no clear pattern in the medications prescribed

OUR AREAS FOR IMPROVEMENT AND RECOMMENDATIONS

- Implement consistent patient education on lifestyle modifications to improve hypertension
- Implement use of JNC8 flow chart to dictate medication choices
- Counseling and follow up on lifestyle modifications

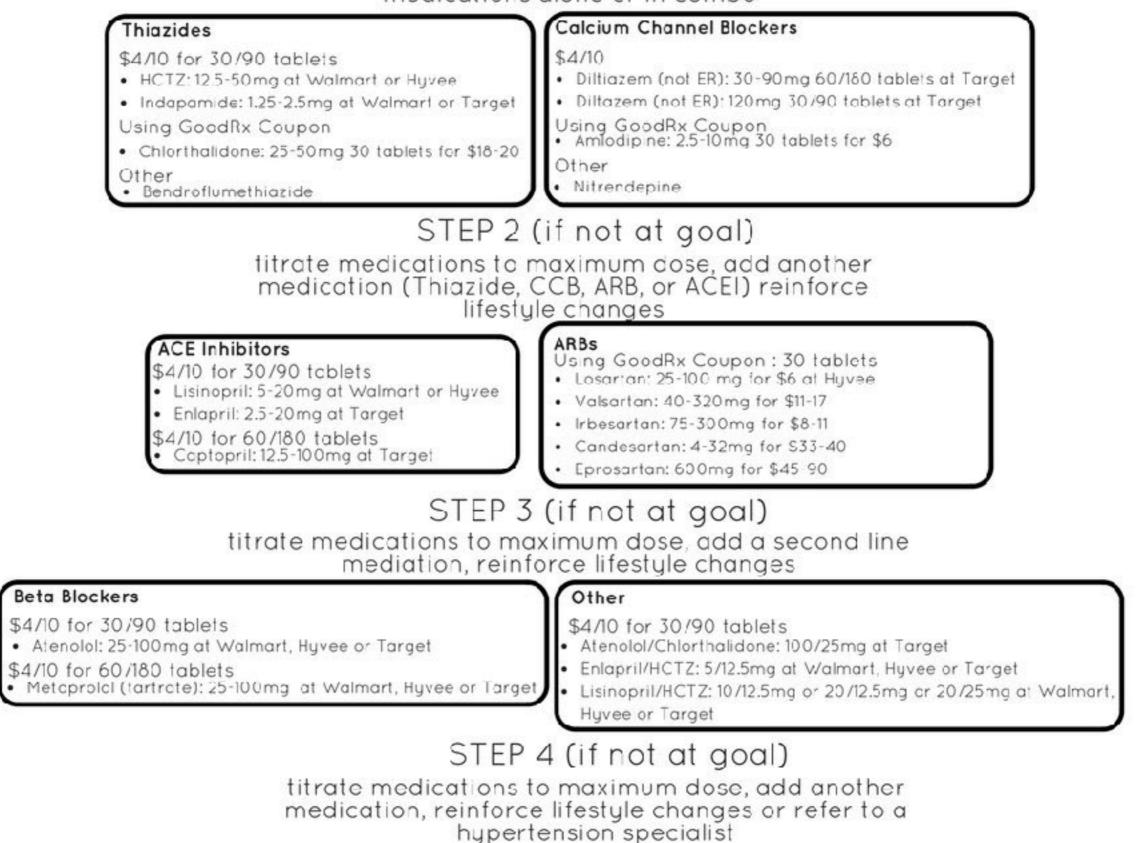


Black patients under the age of 60 with or without Diabetes

(goal: 140/90)

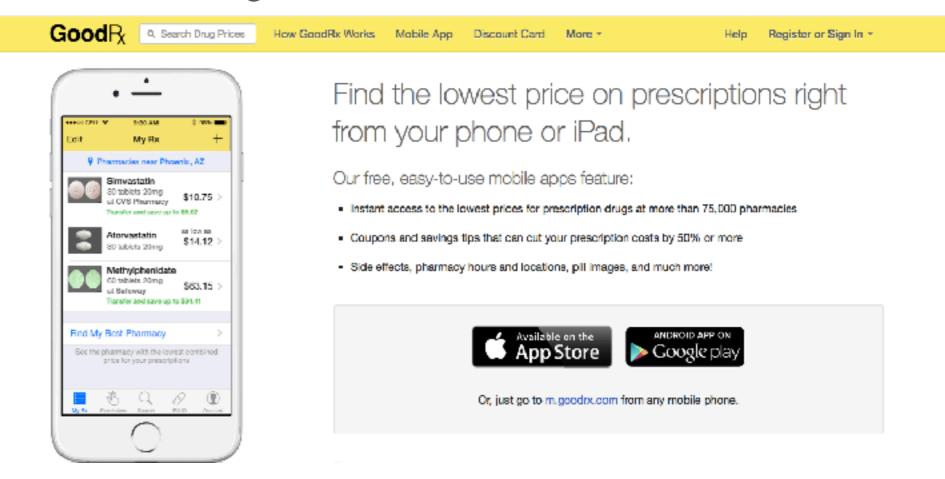
STEP 1

Implement lifestyle modifications, prescribe the medications alone or in combo



MAKING THESE RECOMMENDATIONS COST EFFECTIVE

- ► Utilizing the \$4 list
- ► GoodRx
- Patient Assistance Programs



QUESTIONS?

(FOR FLOWCHART PDF EMAIL <u>RMP4K8@MAIL.UMKC.EDU</u>)