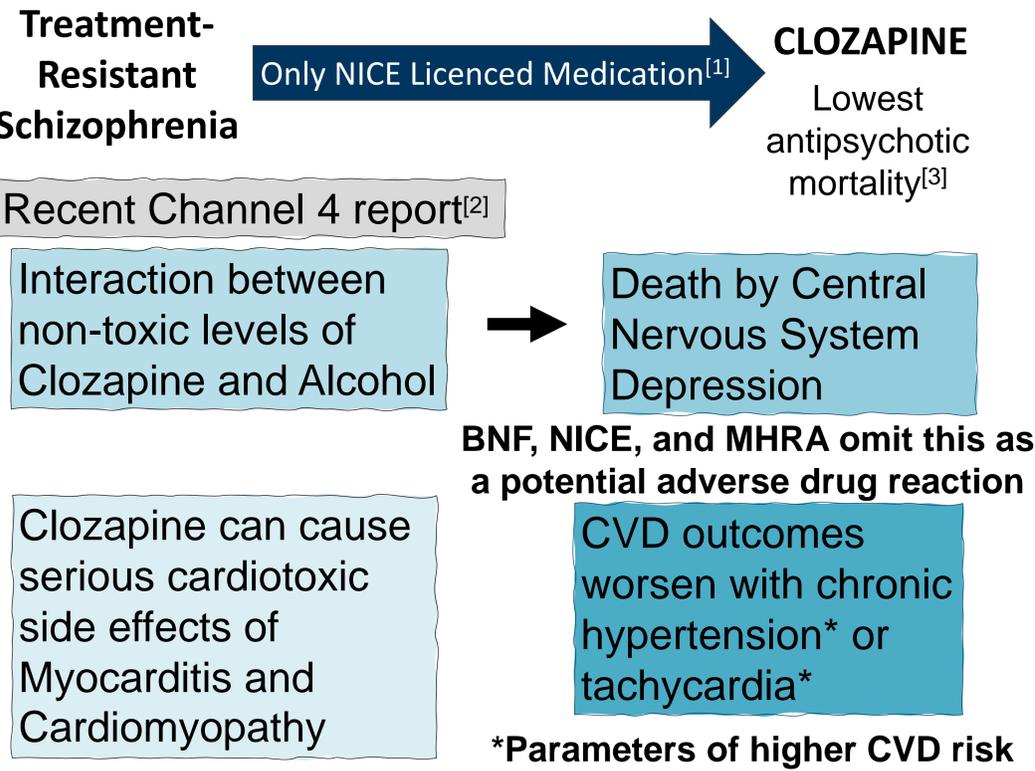


Aims

- To assess and improve the frequency of documented alcohol safety advice for patients on Clozapine.
- Record Cardiovascular Disease (CVD) parameters, alcohol use and rates of cardiology referral in patients on Clozapine.

Background

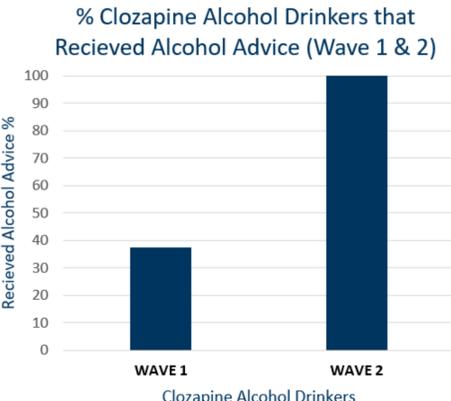


Results

Primary Audit (WAVE 1)

- 38% C-Patients (Clozapine Patients) received Alcohol Advice
- 59% C-Patients had higher risk CVD (hrCVD) Parameters
- Only 30% of hrCVD C-patients had Cardiology Input

Re-Audit (WAVE 2)



Patient Characteristics

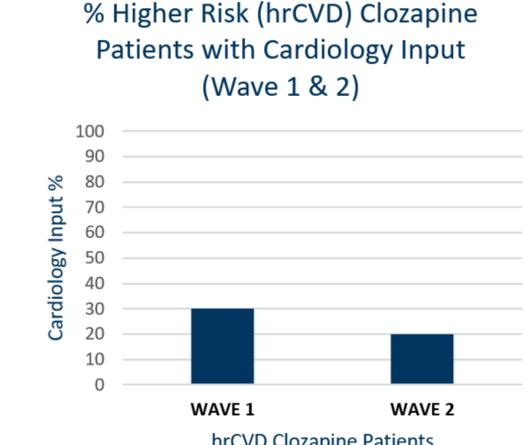
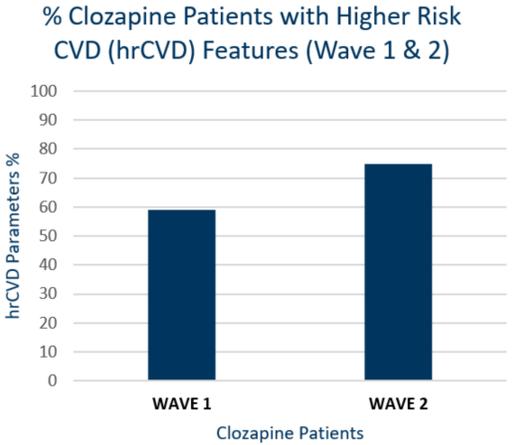
- Age, Sex and Clozapine Dose where similar between Audits

Alcohol Advice

- 100% of C-Patients received Alcohol Advice (62% increase)

Higher Risk CVD (hrCVD)

- 75% of C-Patients had hrCVD Parameters
- 20% of hrCVD C-Patients had Cardiology Input

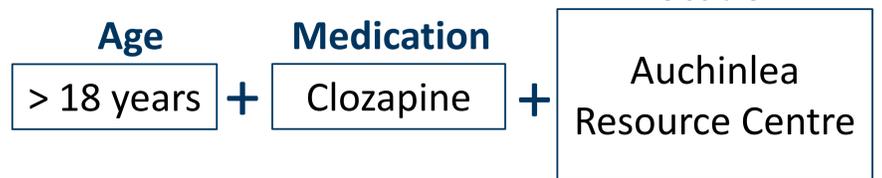


Methods

Intervention

Raising and reinforcing awareness of adverse clozapine/alcohol interactions through a collaborative supervision discussions within one consultant caseload.

Inclusion Criteria



Data collection

- Wave 1: 15th of July 2024 (17 patients)
- Wave 2: 7th of July 2025 (20 patients)
 - Patient sample largely unchanged

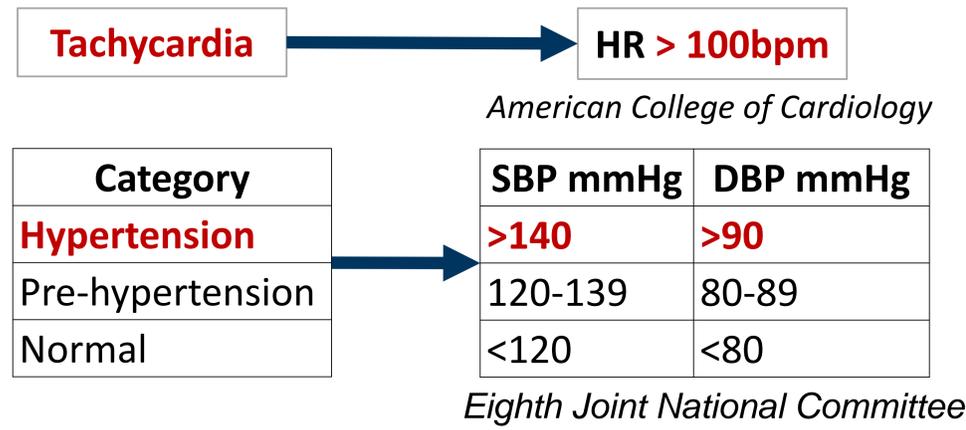
Definitions

- Alcohol Advice:** specific guidance on alcohol cessation due to its interactions and side effects
- Cardiology Input:** cardiology department referrals or advice sought

Frequency of Alcohol Advice and Cardiology Input

Scrutiny of relevant EMIS notes

Higher Risk CVD (hrCVD) Parameters



Conclusions



Patients in both the Primary Audit and Re-Audit had high rates of hrCVD parameters, however, there was a low rate of Cardiology Input in these patients.

Clozapine Patients in the Re-Audit who drank alcohol had similar rates of hrCVD parameters and Cardiology Input to non-alcohol drinking patients.

- Limitations**
- Small Sample
 - High Male:Female ratio
 - Intervention did not directly target CVD

- Further Research**
- Alcohol & Clozapine CVD Outcomes
 - Increased Cardiology Input on CVD Outcomes

References

- NICE. QS 80. 2015
- Antipsychotic drug linked to deaths – Channel4 news 2nd May 2024
- Cho J et al. Acta Psych Scand 2019;139:237-247