

Introduction



We would like to acknowledge the administrators at Millbrook Medical centre who helped support this project

Mersey Multi-morbidity Metabolic Community Liver Clinic: pilot data

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Results

(1) Feasibility

• 19/24 attended (2x cancellations, 3x DNAs) = 79.2% • The clinic took 30 min + 5 min admin time



(2) High burden of cardiometabolic disease in clinic cohort

| 67 (38-85) |
|------------|
| 8 (42.1) |
| 15 (78.9) |
| 11 (57.9) |
| 3 (15.8) |
| |
| 15 (78.9) |
| 12 (63.2) |
| 17 (94.4) |
| 18 (94.7) |
| 13 (68.4) |
| 14 (73.7) |
| 11 (57.9) |
| 9 (47.4) |
| 5 (26.3) |
| |
| 18 (94.7) |
| 2 (10.5) |
| 5 (26.3) |
| |
| 14 (73.7) |
| |
| 2 (10.5) |
| 6 (31.6) |
| |

(3) Outputs generated from the clinic

(i)Lifestyle intervention

- Brief alcohol intervention 15.8%
- Smoking cessation advice 5.3%
- Community lifestyle hub referral (leisure centre pass / slimming world vouchers) accepted by patient 26.3%

(ii) Onward referral

- Diabetes secondary care clinic 5.3%
- Hepatology secondary care clinic 31.6%
- Health care assistant hypertension clinic 57.9%
- Enhanced weight management services 10.5%

(iii) Pharmacological intervention

- Escalation of glucose-lowering therapy 57.9%
- Statin initiation or dose titration 10.5%









(4) The Mersey Metabolic Community liver Clinic leads to improvements in metabolic health





- Median weight loss: 1.1% (range – 3.1% to 7.5)
- Median HbA1c improvement: 5 mmol/mol (range -2 to 40)
- Median ALT improvement: 24 mg/L (range -3 to 24)



(5) Written patient feedback

- 100% thought the clinic was useful
- 100% said the clinic and written information helped them better understand their results and health conditions
- 93% said the clinic and written information would prompt lifestyle changes.