

# MIDER

## Hybrid closed loop pilot and the virtual clinic – taking part in the hybrid closed loop insulin pump pilot with the insulin pump specialist working from home – does it work?

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# P247 Hybrid closed loop pilot and the virtual clinic – taking part in the hybrid closed loop insulin pump pilot with the insulin pump specialist working from home – does it work?

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## Aim

For patients to have equal access to the NHS England Hybrid Closed loop pilot with remote working.

## Method

Patients were recruited to the pilot project via letter and telephone appointments. Blood test forms were posted to patients to establish whether they fitted criteria for the pilot. 30 patients (23% of patients using freestyle libre & Insulin pump) were recruited to take part in the pilot. Six declined the offer.

Twenty three patients were commenced onto the pilot via webinar: insulin pump starts; Guardian and dexcom starts. One patient had a face-to-face insulin pump start. Review appointments were all via telephone or webinar. Reviews set at one week; one month; three months; six months; nine months; twelve months and as required. 22 patients completed the pilot.

## Results

Pre-pilot average HbA1c 79.57mmolmol<sup>-1</sup> (n=23); three month average HbA1c 61.5mmolmol<sup>-1</sup>(n=22) six month average HbA1c 61.21mmolmol<sup>-1</sup>; (n=19) twelve month average HbA1c 63.07mmolmol<sup>-1</sup> (n=21). Results in our cohort are comparable to the national data set.

**Discussion:** Patient feedback has been very positive about telephone and webinar follow-up. Less time off work; no parking charges; more frequent reviews and didn't feel the reviews would be improved face-to-face. Results not inferior to national data set.

**Negatives:** Patients unable to download their pump at home had some of their data reviewed until a full download could be organised. These were patients without a personal computer. Going forward, these patients need to attend the centre regularly for pump download so pump and continuous blood glucose monitoring data can be review effectively, together.

## Conclusion

Remote working is positive for staff and patients.