

## Chiesi (UK Ltd) and Bloomfield Medical Centre Executive Summary

This summary has been written by Chiesi Ltd with consultation and approval from the Collaborative Working Project Team, established with full representation of partners.

Chiesi (UK Ltd) will be undertaking a Collaborative Working Project with Bloomfield Medical Centre.

### Digital Peak Flow Meter (DPFM)-Assisted Asthma Care Clinic (DAACC)

**Aim:** To enable improved self-management and timely initiation of evidence-based pharmacological and non-pharmacological interventions to improve outcomes for asthma patients registered with the practice.

The intended objectives of this collaborative project are to:

- Identify patients with indications of poor asthma control based on prescription utilisation data, such as overuse of short-acting beta-agonists (SABA) or insufficient use of preventative treatments, or symptom scores.
- Identify, within this cohort, those patients that are sufficiently digitally enabled to utilise a digital peak flow meter.
- Invite identified patients to attend a review appointment with a suitably trained clinician to conduct an asthma review, optimise treatment and provide a personalised asthma action plan (PAAP) alongside an offer of a digital peak flow meter to be used alongside the PAAP.
- Provide training support to patients accepting the offer of a DPFM to ensure the device is set up, linked to a suitable app/platform where possible, and that the patient is able to use it correctly.

#### Intended Benefits:

##### For patients:

- Enhanced ability to self-monitor their asthma leading to better understanding of their condition.
- Increased opportunities to escalate/de-escalate treatment, in line with their PAAP, leading to prompter responses to fluctuations in symptoms.
- Better matching of treatment intensity to disease activity, leading to improved levels of control (symptoms, limitations, quality of life) and reduced levels of risk (exacerbations, emergency attendances, adverse effects of treatment).
- Better ability to identify potential triggers based on review of DPFM readings.

##### For NHS:

- Improved understanding and self-management may reduce numbers of patient contacts as control and confidence improves.
- Potential to decrease emergency attendances across the system.
  - Better asthma outcomes will lead to decreased economic impact from poor control, e.g., days lost to work.

##### For the industry partner:

- Increase in the understanding of the investment in digital peak flow meters (as a patient support item) to help improve patient outcomes and disease understanding in the real-world setting.
- Better understanding of the challenges faced by the NHS in delivering high-quality patient care.
- Reputational gain associated with supporting improvements in NHS services and care.

This involves a balance of contributions from both parties with the pooling of skills, experience, and resources. The project will run for 12 months from April 2024