

H.CODE SUPPORTS GLP-1 TRIALS WITH AI & ML

H.Code, by AiCure, uses AI-powered computer vision, machine learning and predictive analytics to observe and assist trial participants through their smartphone—improving access and participation and deepening your understanding of the relationship between patient behavior and trial outcomes. H.Code provides valuable support for clinical trial participants in GLP-1 trials, particularly with titration, behavior modification, and side effect management.

COMPLEX DOSING SUPPORT FOR INJECTIBLE AND ORAL TREATMENTS

GLP-1 agonists often require dose titration over several weeks or months to reach the optimal therapeutic dose, all while managing potential side effects. H.Code is tailor-fit to assist with this process:

- The platform trains patients to successfully and safely dose their medications, especially when self-administration is required.
- The app supports complex regimens that require up and down titration over the duration of a clinical trial. This ensures participants can accurately follow their dosing schedules.
- Dosing reminders and adherence monitoring ensure participants take the correct dose at the right time during titration.
- The app delivers custom dosing instructions, including videos explaining the proper titration schedule and any special requirements (e.g. taking with food).
- Computer vision technology verifies participants are self-administering injections properly, allowing for timely interventions if deviations are detected.

BEHAVIOR MODIFICATION

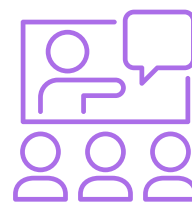
Successful long-term weight loss with GLP-1 agonists requires lifestyle changes like diet and exercise. H.Code supports these behavior modifications:

- Digital coaching provides personalized guidance on nutrition, physical activity, and other healthy habits.
- Participant responses to pre-defined questionnaires enable monitoring of diet, exercise, and other behaviors.
- Predictive analytics identify participants at risk of non-adherence, allowing proactive interventions.

SIDE EFFECT MANAGEMENT



Two-way chat functionality enables participants to report any gastrointestinal side effects experienced during titration.



Clinical teams can then provide timely advice or make dose adjustments to manage side effects and improve tolerability during dose escalation.

By facilitating sustainable behavior change, proper titration, and allowing management of side effects, H.Code provides participants on GLP-1 medications with the needed support to improve outcomes in clinical trials.