CONVERSATIONAILY™: DURATION AND IMPACT OF POSTIVE CONVERSATION CUES ON COMPLIANCE BEHAVIOR IN AN INTERMITTENT INSULIN USER

Kalra S[1], Mallabadi R[2]
1. Department of Endocrinology, Bharti Hospital, Karnal, India. 2. Medical Affairs, SigmaMozak Solutions, Hyderabad, India.

Background and Aims

ConversationAIly™ is a novel artificial intelligence (AI)-powered tool that suggests conversation cues to optimize in-clinic conversations and trigger compliant behavior in persons with chronic diseases including type 2 diabetes mellitus (PwD). We report the duration and impact of the cues suggested by this tool in one PwD who was on insulin.

Methods

The PwD, aged 53 years, was on insulin for 15 months and was intermittently compliant. He was put on a CGM patch, PPG readings when he arrived on Day 3 indicated he was not taking the recommended insulin dose prior to his meals. ConversationAIly™ suggested several positive and motivational conversation cues in the in-clinic visit. The conversation was two-way with active participation from the PwD and lasted for 4.5 minutes.

Results

The PwD rated his in-clinic experience and conversation as highly satisfactory and motivational. The impact of the conversation triggered compliant insulin behavior as indicated by reduced PPG readings from Day 4 onwards. This compliance lasted for about 9 days and PPG readings slipped to the pre-clinic visit levels on Day 12 of the CGM patch.

Conclusions

The impact of positive in-clinic conversations on compliance may last for about 10 days. This has clinical implications suggesting need for more frequent recall and reinforcement of in-clinic conversations in PwD on insulin.

rajshrimallabadi@sigmamozak.com
+91 8147178745

SIGMA MOZAK
DRIVING PURPOSEFUL OUTCOMES