

Adaptive Choice-Based Conjoint Contribution to the Elicitation of Patients' Preferences and

Poster Code: PCR210

Shared Decision-Making Process for the Pharmaceutical Treatment for Osteoarthritis.

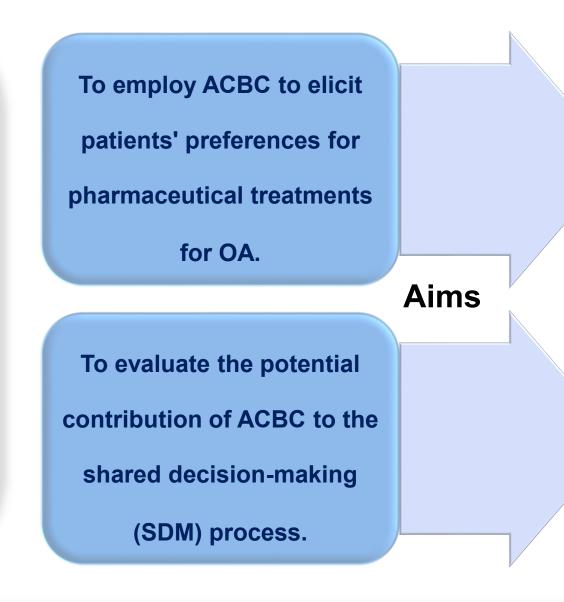
هیلث بوینت Healthpoint A Mubadala Health Partner

Abu Dhabi - United Arab Emirates

Basem Al-Omari, Joviana Farhat, Mumtaz Khan, Hristo Grancharov, Zaki Abu Zahr, Sammy Hanna, Abdulla Alrahoomi

Background

- Understanding patients' preferences is a vital key in managing non-urgent illnesses like osteoarthritis (OA),
- Conjoint analysis (CA) methods have been employed to elicit patients' preferences for OA treatment,
- Adaptive choice-based conjoint (ACBC) is the most recent and advanced CA technique to quantify patients'
 preferences,
- ACBC helps in empowering patients to make better healthcare decisions,
- ACBC helps in improving treatment adherence, and patient prognosis and contributes to the delivery of patientcentered care.



Methods

- Establishing a patient and public involvement (PPI) group based in the United Arab Emirates (UAE) to assist in the development of an Arabic version of the ACBC questionnaire,
- Recruited adult OA patients (18 years of age and older) from the rheumatology and orthopedics outpatients' clinics,
- Patients completed the ACBC questionnaire about pharmaceutical treatment for OA, followed by a pen-and-paper feedback questionnaire about ACBC completion experience,
- SPSS V22.0 was implemented to analyze the descriptive statistics and ACBC feedback, Z-scores used to standardize
 the utilities,
- Hierarchical Bayesian (HB) analysis was applied to quantify patients' preferences.

