



University of Midocean

Faculty of Administration

Department of Health Administration

Research title :

Knowledge, Attitudes, and Barriers
toward Implementing CBAHI standards among
Dental Practitioners in Jazan region, Saudi Arabia
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❖ INTRODUCTION :

The Saudi Central Board for Accreditation of Healthcare Institutions (CBAHI) is the official Saudi agency responsible for accrediting all public and private healthcare facilities in Saudi Arabia. All hospitals licensed to practice in the Kingdom are eligible for CBAHI accreditation, and eventually, all healthcare facilities operating in Saudi Arabia will be required to achieve certification by CBAHI . The impact of Accreditation includes improving of quality of healthcare organizations services and patient safety.

Dental clinics and dental practitioners play an essential role in the healthcare system,so the implementation of CBAHI standards in the dental field such as infection control, patient safety clinical record-keeping and continuous quality improvement, requires awareness and positive attitudes toward the standards.

Jazan region has a unique location in the kingdom and demographic characteristics, both public and private clinics serve a large number of population and with the increase in numbers of dental clinics which consequently led to a rise in number of dental practitioners, the evaluation of knowledge, attitude and barriers of implementing CBAHI standards play an imortant role in quality improvement.

❖ PROBLEM STATEMENT :

Dental practitioners face challenges in implementing CBAHI accreditation standards due to lack of knowledge, lack of training, high load of patients and resource limitations.

There is currently insufficient data on how dental practitioners in Jazan region perceive and practice CBAHI standards, so it may hinder the successful implementation of accreditation requirements, which will affect patient safety and quality of dental services . Therefore, it is important to assess the knowledge, attitude, and barriers of dental practitioners toward implementing of CBAHI standards to know areas that need improvement.

❖ SIGNIFICANCE OF STUDY :

This study provides valuable insight into how dental practitioners in Jazan region understand and apply CBAHI standards in their clinics, by finding out their knowledge, attitude, and barriers, to encourage improvement the healthcare system in the area. The study will highlight areas of improvement to enhance the quality and safety of dental services in Jazan, which will support Saudi Vision 2030 goals.

◆ OBJECTIVES

◆General :

To identify the knowledge, attitude, and barriers toward implementing CBAHI standards among dental practitioners in Jazan region, Saudi Arabia.

◆Specific :

1. To evaluate the level of knowledge among dental practitioners regarding CBAHI accreditation standards.
2. To assess their attitudes toward implementing the standards in dental practice.
3. To assess the barriers that hinder effective implementation of CBAHI among dental practitioners.
4. To propose recommendations to improve awareness, compliance, and training with CBAHI standards in dental clinics.

❖ Study Questions :

1. What is the level of knowledge among dental practitioners in Jazan region toward CBAHI standards ?
2. What are the attitudes of practitioners toward implementing CBAHI standards in the daily practice ?
3. What are the main barriers that faced the dental practitioners in applying CBAHI standards ?
4. Are there associations between demographic characteristics like years of expertise, speciality, job position and practitioners, knowledge, attitudes, and barriers?
5. What are the best interventions to improve awareness and compliance with CBAHI standards?

❖ Research Hypothesis :

1. Dental practitioners in Jazan region have insufficient knowledge about CBAHI standards.
2. Practitioners with better knowledge are more likely to have positive attitudes toward applying CBAHI standards.
3. Factors like years of expertise, speciality, and job position may affect how they feel about standards.

4. Barriers such as lack of time and training make applying standards harder in dental clinics.
5. Increasing awareness and training programs can improve the implementation of CBAHI standards among dental clinics.

❖ Literature Review :

Several studies discussed the implementation of CBAHI accreditation standards in Saudi Arabia.

Kabrah et al. (2024) highlighted that healthcare providers recognize the importance of CBAHI, but face barriers such as a lack of training and resources.

Al-Turbağa & Alyahya (2025) reviewed the role of CBAHI, noting improvements in patient safety but persistent challenges in standard implementation, especially in smaller clinics.

CBAHI (2024) provided the standards framework, serving as a reference for evaluating compliance in various healthcare settings.

Saudi Journal of Health Systems Research (2023) reported that training and monitoring improved

compliance in primary healthcare, but regional disparities remain.

Alrowaily & Alshammari (2023) found gaps in knowledge and implementation among healthcare staff, emphasizing the need to focus on specific professional groups.

Alghamdi & Alotaibi (2024) identified key factors for successful accreditation in dental and primary care clinics, including staff training, awareness, and resources.

Overall, while CBAHI accreditation is recognized as essential for healthcare quality, limited research exists specifically on dental practitioners in the Jazan Region, justifying the current study

❖ Gap identification :

Most studies in Saudi Arabia focus on hospitals and primary care centers not dental clinics. Just a few studies targeted dental practitioners or dental clinics, and none specifically targeted knowledge, attitude, and barriers among CBAHI standards in Jazan region .

This gap highlights the importance of this research to support better accreditation compliance and improve the quality of services of dental clinics in Jazan region.

❖ Theoretical framework :

This research is based on the Knowledge, Attitudes, and Practice (KAP) model. This model suggests that the knowledge of dental practitioners toward CBAHI standards influences their attitude which then affects their practices among standards.

Knowing the barriers and applying training, organization support can help the implementation and improve the quality of services among practitioners in Jazan region .

❖ Key concepts of the study :

CBAHI : national accreditation center for healthcare quality and patient safety.

Knowledge: refers to the understanding of these standards among dental practitioners.

Attitudes : reflect their perception and belief about applying the standards.

Barriers : factors that hinder the implementation of standards.

Implementation : the actual use of standards in dental practice

❖ METHODOLOGY :

❖ Study design :

Cross-sectional descriptive design to assess knowledge, attitudes, and barriers related to the implementation of CBAHI standards among dental practitioners in Jazan region.

❖ Study population :

All dental practitioners working in public and private dental clinics in Jazan region.

❖ Study sample:

A purposive sample of 150-200 dental practitioners will be selected to participate in the research , who working in public and private dental clinics in Jazan region .

❖ Data collection method :

Data will be collected using structured online questionnaire which will assess the knowledge, attitudes, and barriers toward the implementation of CBAHI standards among dental practitioners.

❖ Statistical analysis :

Data will be analyzed using SPSS software. Descriptive statistics will summarize demographic data and key variables, inferential tests will assess the relationship between knowledge, attitudes and barriers.

❖ Study Delimitations :

The study is limited to licensed dental practitioners in Jazan region and focuses on their knowledge, attitudes, and barriers toward CBAHI standards.

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