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The Relationship between Knowledge, Attitude, and Tendency to Care for HIV/AIDS Patients among Nurses and Midwives: A Comprehensive Review

Naif Khalid Alfarut¹, Fadhel Ali Alhashim¹, Hussain Abdulhadi Alhawaj¹, Hussain Aiyesh Alibrahim¹, Ebtihal Abdulhameed Alhulaimi¹, Ahmed Khalil Alzekralah¹, Sanaa Ali Almukalaf², Hanaa Ali Almukalaf³, Sarah Mohammed Albosaied⁴, Ahlam Ibrahim Albuseed⁵, Yazeed Saad Almajed⁶, Alaa Jafar Alqattan⁶, Ahmed Jawad Almatar⁷, Ahmed Abdullah Aladulwahed⁸, Abdulrahman Mohammed Alabdulwahid⁹

1. Aljaber Eye and ENT Hospital
2. King Fahad Hospital Hufuf
3. Hereditary Blood Disorder centre Ahssa - HBDC
4. Alkhalidiah PHC
5. Alkhalidiah PHC
6. King Faisal General Hospital
7. Maternity and Children Hospital - MCH
8. Salwa General Hospital
9. Alhasa Health Cluster

ABSTRACT

HIV/AIDS remains a global health challenge requiring effective care and support from healthcare professionals, including nurses and midwives. The knowledge, attitudes, and willingness to provide care for patients living with HIV/AIDS significantly influence the quality of care provided. This review explores the relationship between knowledge, attitudes, and the tendency of nurses and midwives to care for HIV/AIDS patients. The findings highlight the critical role of education, training, and workplace policies in improving healthcare professionals' competence and willingness to care for these patients.

Introduction

HIV/AIDS has posed significant public health challenges worldwide. Nurses and midwives, as frontline healthcare providers, play a pivotal role in managing and supporting patients living with HIV/AIDS. However, misconceptions about HIV transmission and stigma toward individuals living with the disease may influence healthcare providers' attitudes and behaviors. This review focuses on the relationship between the level of knowledge, attitude, and the tendency of nurses and midwives to care for HIV/AIDS patients, with an emphasis on identifying gaps and proposing solutions.

Knowledge about HIV/AIDS among Nurses and Midwives

The level of knowledge about HIV/AIDS among healthcare workers determines their ability to deliver effective and empathetic care. Studies have shown the following:

- A higher knowledge level among nurses is associated with greater confidence in providing care(1).
- Knowledge gaps regarding HIV transmission, treatment, and prevention are prevalent, particularly in low-resource settings(2).
- Continuous education programs significantly improve nurses' understanding and clinical skills related to HIV/AIDS care(3).

Key Knowledge Areas:

- **Modes of Transmission:** Many nurses have misconceptions regarding casual contact and transmission risks(4).
- **Universal Precautions:** Awareness and adherence to standard precautions reduce fears of occupational exposure(5).
- **Advancements in Treatment:** Knowledge of antiretroviral therapy (ART) improves nurses' ability to educate and support patients(6).

Attitudes of Nurses and Midwives toward HIV/AIDS Patients

Attitudes toward HIV/AIDS patients often reflect societal stigma and misconceptions, which may influence care quality.

- **Positive Attitudes:** Nurses with comprehensive training are more likely to exhibit compassion and willingness to care for patients(7).
- **Negative Attitudes:** Fear of infection, moral judgments, and lack of training contribute to negative attitudes(8).
- **Cultural and Religious Influences:** These factors may shape nurses' views and affect their interactions with patients(9).

Factors Influencing Attitudes:

- **Training and Experience:** Nurses with prior experience in HIV care show more positive attitudes(10).
- **Supportive Work Environment:** Institutional policies promoting non-discrimination improve attitudes toward patients(11).
- **Personal Beliefs:** Ethical dilemmas may arise from personal or societal stigma associated with HIV/AIDS(12).

Tendency to Care for HIV/AIDS Patients

The willingness to provide care is a critical determinant of healthcare outcomes for HIV/AIDS patients.

- Studies suggest a direct correlation between knowledge levels and the tendency to care
- Nurses who perceive adequate workplace safety are more inclined to care for HIV patients.
- Negative attitudes and fear of infection reduce the likelihood of providing comprehensive care(13).

Barriers to Providing Care:

- **Fear of Occupational Exposure:** Concerns about accidental needle-stick injuries and inadequate protective equipment(14).
- **Stigma:** Fear of being associated with HIV/AIDS care deters some nurses from participating(15).
- **Workplace Policies:** Lack of support or training programs in hospitals contributes to reluctance

Strategies to Improve Knowledge, Attitudes, and Tendency to Care

- ✓ **Education and Training:**
 - Incorporating HIV/AIDS care into nursing and midwifery curricula.
 - Regular workshops on infection control and HIV patient management.
- ✓ **Policy Development:**
 - Implementation of workplace policies promoting stigma-free environments.
 - Provision of adequate safety equipment to alleviate fears of infection.
- ✓ **Psychosocial Support for Healthcare Providers:**
 - Counseling services for nurses experiencing stress related to HIV care
 - Support groups to share experiences and strategies for overcoming challenges.
- ✓ **Community Engagement:**
 - Reducing stigma through public awareness campaigns to normalize HIV/AIDS care.

Conclusion

Knowledge, attitudes, and the tendency to care are interdependent factors influencing the quality of care provided by nurses and midwives to HIV/AIDS patients. Addressing knowledge gaps, promoting positive attitudes, and fostering supportive workplace environments are essential for improving care. Continuous education, policy development, and community engagement can enhance nurses' and midwives' willingness to provide care, ultimately improving health outcomes for patients living with HIV/AIDS.

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