International Journal of Innovative and Applied Research [2023]

(Volume 11, Issue 09)



Journal home page: http://www.journalijiar.com

INTERNATIONAL JOURNAL OF INNOVATIVE AND APPLIED RESEARCH

REVIEW ARTICLE

Article DOI: 10.58538/IJIAR/2526 DOI URL: http://dx.doi.org/10.58538/IJIAR/2526

A REVIEW OF HIV POSITIVE MOTHERS TO WARDS EXCLUSIVE BREAST FEEDING

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Manuscript Info Abstract

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Manuscript History	
Received: 02 August 2023	Exclusive breastfeeding (EBF) involves not giving your newborn any
Final Accepted: 08 September 2023	other food or drink, including water, other than breast milk, except for
Published: September 2023	drops or syrups made from vitamins, mineral supplements or prescribed
-	medications. If This practice during the first six months of an infant's life is a beneficial intervention to save the child's life. However, mothers known to be infected with HIV are at risk of transmitting the virus to their infants through breast milk, which has changed the infant feeding landscape in sub-Saharan Africa. Over the past decade, there has been an unprecedented increase in HIV infection rates among women attending antenatal clinics, leading to an increase in the number of HIV-infected children born to HIV-infected mothers worldwide. Mothers can gain knowledge about exclusive breastfeeding by visiting antenatal clinics for advice on infant feeding options and from midwives after birth. This knowledge will help HIV-infected mothers breastfeed properly without fear of transmitting the virus to their baby

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Introduction:-

Exclusive breastfeeding means giving an infant breast milk only [1-2]. It is recognizable as the optimalmodeoffeedingforthe1st6monthsofliferegardlessofHIVexposurestatus[3]. Breastfeeding gives children the best possible start in life, said Ghebreyesus.Exclusivebreastfeeding is recommended by UNICEF and the World Health Organization(WHO)for thefirst 6 months of life [4]. Breastfeeding plays a major role in nutrition, health anddevelopment for both HIV infected and non-HIV infected infants, due to the fact that human milkis the ideal nourishment for infants' survival, growth and development [5]. When the infants are exclusively breastfed for thefirstsixmonthsof life, there isstimulation of immune system and this goes hand in hand with protecting them from diseases like diarrhoea andacuterespiratory infections, which are two of the major causes of infantmortality in the developing world [5]. When exclusive breast-feeding is practiced, there is a lowerrisk of HIV transmission than mixed feeding [6-8]. Exclusive Breast Feeding(EBF) isgiving the infantnootherfood or drink, notevenwater, apartfrombreastmilk (including expressed breast milk), with exception of drops or syrups consisting of vitamins, mineral supplements or prescribed medicine, if it is practice for the first six months of an infant'slife, is a beneficial intervention in saving Children's lives [9-11].

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Globallyabout300000babiesbecomeinfected with HIV through breast milkeachyear while at the same time 1.5 million children die each year if the women opt not to breast feed. The exclusive breast feeding rate is 38%, however the World Health Assembly in 2012 set a target to increase the rate of exclusive breast feeding by at least 50% by 2025 [12].

Breastfeeding is a way of providing ideal food for the healthy growth and development of infants and in some settings of the sub-Saharan Africa it is a customary way of feeding new-bornbabies[13-16]. However, mothers known to be infected with HIV risk transmitting the virus to their babies through breast milk, which has changed the landscape of infant feeding in sub-Saharan Africa [17-20]. Over the past decade, HIV prevalence among women attending anten at a custom sub-Saharan Africa [17-20]. Over the positive children born to HIV-infected mothers' worldwide (Young, Mbuga& Chantry). It has been stated that 30-50% of women will pass the virus to their infants; and more than a third of all transmissions will occurduring breast feeding without appropriate interventions [21-24].

countries can be a shigh as 45 percent with prolonged breast feeding of up to 24 months (De Cook and Construction of the con

KnowledgeofHIVpositivemothers towardsExclusive Breastfeeding

Exclusive Breastfeeding is used to define initiating breastfeeding immediately after birth and notgiving any other solid food (including water) to the infant [25]. Breastfeeding is the first fundamental right of the child (Chandra R.K). The knowledge of mothers towardsexclusive breastfeeding can be acquired by the mothers through attendance of antenatal clinicsduring counseling on infant feeding options and from midwives after birth. This knowledge willhelptheHIVpositivemothertoproperlybreastfeedherbabywithoutfearoftransmittingthevirusto her baby. Different researchers have tried to assess the knowledge of HIV positive motherstowardsEBFand this iswhat was found out [26-28].

In a study carried out in West Oromia, Ethiopia, it showed that only 35.6% of the respondent sknew and correctly answered them the study of the steaningofExclusivebreastfeeding(EBF). Significantlyhighproportion,86.4% and 65.3% of the study participants had knowledge on the benefits of exclusivebreastfeedinganditsprotectiveroleagainstdiseaseininfantsrespectively.Similarly,themajority(80.5%) of the studv participants had knowledge that breast milk alone enough is for six months. whethere maining study participants believed wrongly that additional foods need to be introduced within 3 to 6 months of theinfants' life[29].

In a study carried out in Ghana among HIV positive mothers with infants aged 0-12monthshowed that 33 (83%) out of 40 HIV positive mothers interviewed had received counseling onMTCT of HIV and WHO recommended feeding options during either antenatal care or postnatalservices. Thirty-six participants (90%) mentioned IFOs to include EBF and ERF. The Majority of participantscorrectlyunderstoodEBFandonly10% partiallyunderstoodERF [30].

According to a study done in south west Nigeria 23% of the mothers had \geq 4 antenatal visits and 85.0% had infant feeding counseling. Infant feeding choice among the mothers were EBF (61.0%), ERF (26.0%) and mixed feeding (13.0%).

In another study carried out in Botswana showed 56.3% of respondents believed that an infant of an HIV-infected mother could become infected with HIV when breastfed, and 88.4% wereconcerned about AIDS stigma related to HIV and infant feeding choices. Only about half of therespondentshadhighknowledgeaboutPMTCTandPMTCT-relatedpracticesrelatedtobreastfeeding. Less than one in five (19.8%) made the decision to exclusively breastfeed theirbabies[31].

PracticeofHIVpositivemothers towardsExclusiveBreastfeeding

The practice of Exclusive Breastfeeding varies from culture to culture. The factors that influencethepracticeincludefamilypressureandculturalbeliefssurroundinginfantfeedingplayavitalrolein women s ability to successfully practice EBF for six months. Some women have not yetdisclosed their HIV status to their partners so in order not to be pointed fingers at for notbreastfeeding the baby they decide to breastfeed their infants. In some cultures, HIV positivemothersmayhavetogo

againstculturalnormsthatsupportearly introduction of fluids and mixed feeding which is not recommended in Exclusive Breastfeeding.

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Previous studies carried out in South Africa, Zimbabwe and Zambia clearly demonstrates thatmost women don't practice EBF for six months. Family pressure and cultural beliefs surroundinginfantfeedinghasshowntoplayavitalroleinwomensabilitytosuccessfullypracticeEBFfor6months[32].

According to a study out in Lagos south west Nigeria showed that Exclusive formula feeding(EFF) was the most common feeding practice of the mothers (86.4%). However, it decreasedfrom 95.3 % before 2010 to 79.5% after 2010. Exclusive breastfeeding (EBF) was practised byonly 9.0% of the mothers. Mixed breastfeeding practice increased from 1.1% pre-2010 to 4.1% post-2010. The provision of free infant formula was found not to influence significantly the EFFor EBF rates but the MBF rate. MBF rate decreased from 3.0% pre-free formula to 1.7% after theintroductionoffreeinfant formula [33].

In another study carried out in Congo indicates that 87.5% of infants were breastfed duringmaternitystay, but bysixmonths only2.8% of infants were exclusively breastfed.

Conclusion:-

HIV positive mothers have limitedknowledge on Exclusive breastfeeding. Regarding associated factors it, mothers age, place of delivery, mode of delivery, marital status, religion, place of work has no association with practices of exclusive breastfeeding whereas educational level, occupation, mode of delivery had statistically significant with knowledge of HIV positive mothers and EBF.

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