



CODEN [USA]: IAJPBB

ISSN : 2349-7750

INDO AMERICAN JOURNAL OF PHARMACEUTICAL SCIENCES

SJIF Impact Factor: 7.187

<https://doi.org/10.5281/zenodo.6969332>

Available online at: <http://www.iajps.com>

Research Article

A CROSS SECTIONAL STUDY ON THE KNOWLEDGE, APTITUDE AND PRACTICES OF MOTHER'S VISITING PEDIATRICS OPD OF VARIOUS PUBLIC SECTOR HOSPITALS OF LAHORE, REGARDING IMPORTANCE OF BREASTFEEDING

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Article Received: July 2022

Accepted: July 2022

Published: August 2022

Abstract:

Background: Although breastfeeding is a common practice in Pakistan, proper breastfeeding is on the decline. The impact of knowledge about breastfeeding practice is poorly understood.

Objectives: The current study is designed to explore the practices, attitude and knowledge towards breastfeeding and their misconceptions. Objective of this study was to assess the knowledge, attitude and practices of mothers regarding breastfeeding.

Material and Methods: This is Cross sectional type of study conducted at Pediatrics outdoor departments of various public sector Teaching hospitals of Lahore including "Mayo Hospital, Services Hospital, Jinnah Hospital and Lahore General Hospital" during January – march, 2021 with sample size of 170 patients. Consecutive non-probability sampling technique was used to recruit the patients. The mothers who agreed to participate were given a self-designed questionnaire consisting of closed and open-ended questions. The questionnaire covered basic characteristics of baby, family socio-economic status and knowledge, aptitude and practices regarding breastfeeding. Data analyzed in SPSS Version: 17.0 Results were recorded as percentages, graphs, means and standard deviations.

Results: 58.2% mothers belonged to age group 21-30 years, 40.5% mothers were under metric, 30% were illiterate and 21% were metric pass. 80% of the mothers think breastfeeding is ideal for babies, 26.5% think benefits of breastfeeding last as long as the baby is breastfed and 79% mothers think breastfed babies are healthier than formula fed babies.

Conclusions: The study showed that the lower rates of breastfeeding are influenced by factors like education, age, etc. Other unacceptable practices like pre-lacteal feed, lack of early initiation of breastfeeding and early weaning were found prevalent.

KEYWORDS: Breastfeeding, Colostrum's, KAP of Breast feeding

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Please cite this article in press Raja Araib Altaf , A Cross Sectional Study On The Knowledge, Aptitude And Practices Of Mother's Visiting Pediatrics Opd Of Various Public Sector Hospitals Of Lahore, Regarding Importance Of Breastfeeding., Indo Am. J. P. Sci, 2022; 09(8).

INTRODUCTION:

Breastfeeding has always been the ideal feeding practice for infants. There is extensive evidence of short-term and long-term health benefits of breastfeeding for infants and mothers. In addition to specific health advantages for infants and mothers, breastfeeding also benefits the society by reducing health care cost, parental employee absenteeism and associated loss of family income. The World Health Organization (WHO) recommends exclusive breastfeeding (breast milk only, excluding water, other liquids, and solid foods) for the first six months of life, with supplemental breastfeeding continuing for two years and beyond.¹ Breastfeeding is associated with a reduced risk of infections Otitis media, gastroenteritis, respiratory illness, sudden infant death syndrome, necrotizing Enter colitis, obesity, and hypertension² as well as it protects mothers from breast cancer.³ Human milk is species specific to optimize the growth and development of growing infant. 64th world health assembly in

Geneva in May 2001 affirmed the importance of exclusive breast feeding for six months without even adding a drop of water to it.¹

MATERIAL AND METHODS:

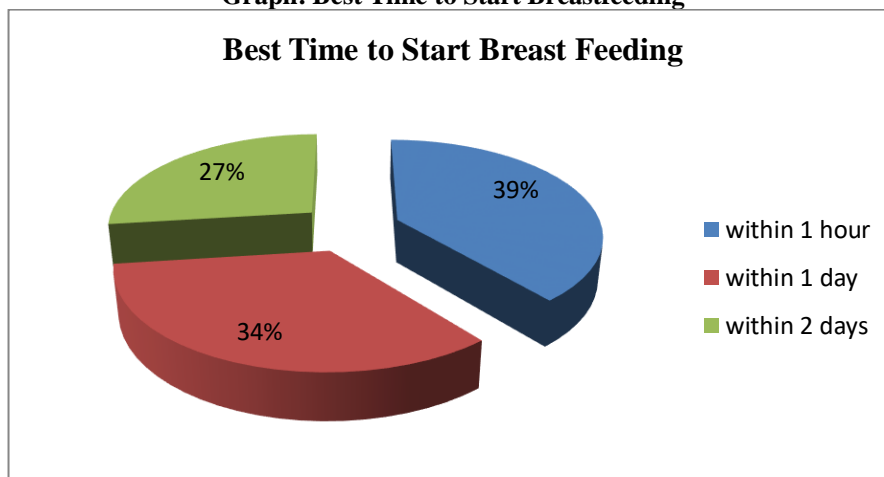
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RESULTS:

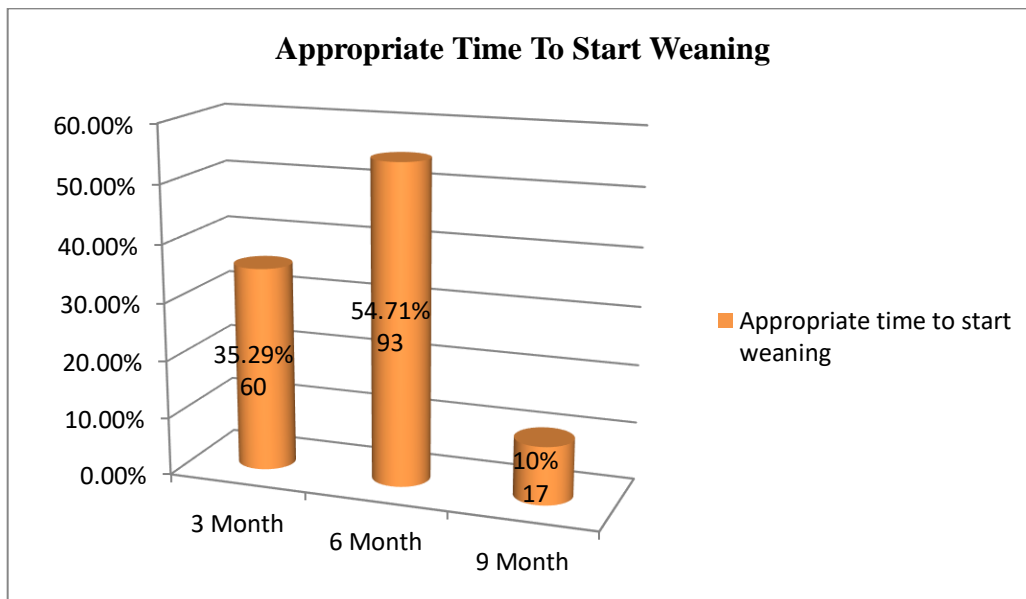
Table: Ideal Food for Baby, Duration of Benefits of Breast Milk and Comparison Of Health Between Breast Fed And Formula Fed Babies

		Breast Milk Is Ideal for Babies		Benefits Of Breastfeeding Last as Long as The Baby Is Breastfed		Breast Fed Babies Are Healthier Than Formula-Fed Babies	
		Frequency	Percent	Frequency	Percent	Frequency	Percent
Valid	No	34	20.0	125	73.5	36	21.2
	Yes	136	80.0	45	26.5	134	78.8
	Total	170	100.0	170	100.0	170	100.0

Graph: Best Time to Start Breastfeeding

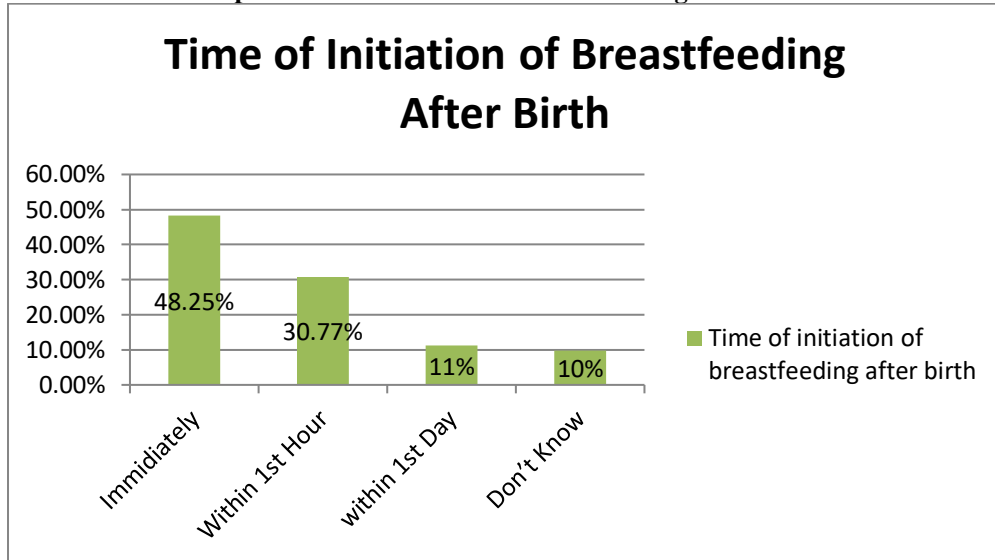


		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	4 months	51	30.0	30.0	30.0
	5 months	19	11.2	11.2	41.2
	6 months	88	51.8	51.8	92.9
	Don't know	12	7.1	7.1	100.0
	Total	170	100.0	100.0	

Graph: Appropriate Time to Start Weaning**Table: Why Is It Good To Breastfeed Your Baby**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Gives baby protection	46	27.1	27.1	27.1
	Creates a bond between baby & mother	72	42.4	42.4	69.4
	Makes child intelligent	22	12.9	12.9	82.4
	It is the right food for the baby	30	17.6	17.6	100.0
	Total	170	100.0	100.0	

Graph: Time Of Initiation Of Breastfeeding After Birth



Graph: Reason Of Not Breastfeeding Ever

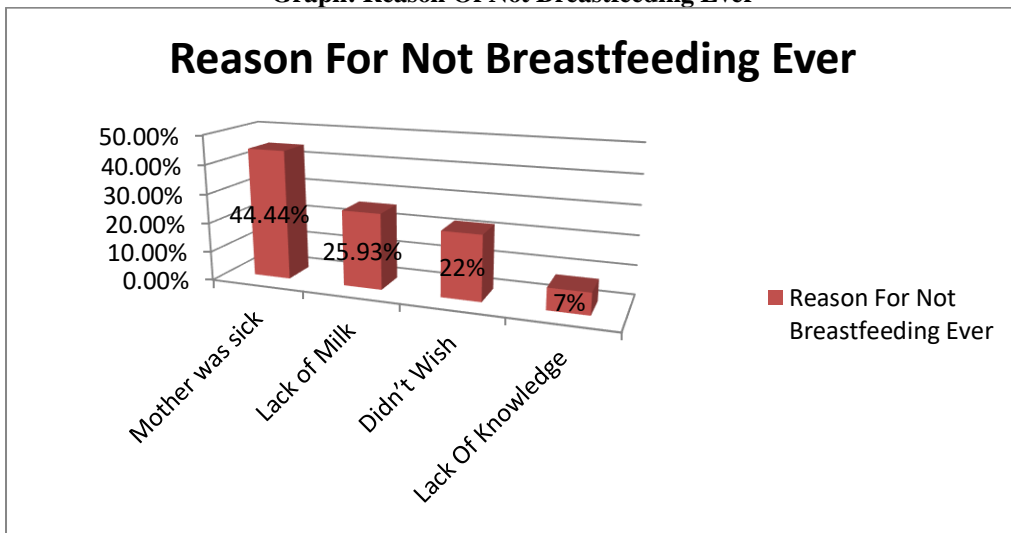


Table: Frequency Of Giving Other Foods Before Breast Milk And Frequency Of Mothers Currently Breastfeeding

		Giving Other Food To Child Before Breast Feeding		Currently Breastfeeding Child	
		Frequency	Percent	Frequency	Percent
Valid	No	105	61.8	35	20.6
	Yes	65	38.2	135	79.4
	Total	170	100.0	170	100.0

Table: For How Long Do You Intend To Breastfeed Your Child

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not breastfeeding currently	35	20.6	20.6	20.6
	Less than 2 years	40	23.5	23.5	44.1
	Up to 2 years	86	50.6	50.6	94.7
	Greater than 2 years	9	5.3	5.3	100.0
	Total	170	100.0	100.0	

RESULTS:

Out of 170 respondents, 58.2% mother's belonged to age group 21-30 years and 4.1% belonged to age group less than 20 years. While 40.5% mothers were under metric, 30% were illiterate, 21% were metric pass and 8% were above metric. 80% of the mothers think breastfeeding is ideal for babies, 26.5% think benefits of breastfeeding last as long as the baby is breastfed, 79% mothers think breastfed babies are healthier than formula fed babies. 39.4% mothers think it is best to start breastfeeding within 1 hour of delivery, 33.5% mothers think it is best to start breastfeeding within 1 day and 27% mothers think it is best to start breastfeeding within 2 days. 51.8% mothers think up to age of six months of age, baby should be given only breast milk, 30% mothers think that up to age of four months, baby should be given only breast milk, 11.2% mothers think that up to age of five months, baby should be given only breast milk.

55% mothers think that the appropriate time to start weaning is six months, 35% mothers think that the appropriate time to start weaning is three months. 42% mothers think that it is good to breastfeed babies because it creates a bond between mother and baby, 27% mothers think that it gives the baby protection, 13% mothers think it makes the child intelligent. 16% mothers have never breastfed their child. 48% mothers immediately breastfed their child, 31% mothers breastfed their child within first hour, 11% mothers breastfed their child within first day. 45% mothers didn't breastfed their child because of sickness, 26% didn't breastfed because of lack of milk. 32% mothers added foods other than breast milk before six months. 38% mothers give other foods to their child before breastfeeding, 79% mothers are currently breastfeeding their child. Among the currently breastfeeding mothers, 50% intend to breastfeed up to 2 years, 23% mothers intend to breastfeed less than 2 years. 34% mothers discontinue breastfeeding because of the age of child; 22% discontinue because the child didn't like.

DISCUSSION:

I have compared my results with a study conducted in Tajikistan⁷ in 2007. According to that study, 99.6% women had never breastfed their child while according to our study 16% women had never breastfed their child. According to that study, 90% initiated breastfeeding within 1 hour while according to our study 31% mothers-initiated breastfeeding within 1 hour. According to that research, 29% mothers introduced liquids other than breast milk before six months while according to our research 32% mothers introduced liquids other than breast milk before six months. According to that research, 46.5% mothers are currently breastfeeding while according to our study, 79% mothers are currently breastfeeding. According to that research, 63.8% mothers stopped breastfeeding because of the age of the child while according to our research 34% mothers stopped breastfeeding because of the age of the child. According to that research, weaning was started before 4 months in 3% of the cases while according to our study, weaning was started before 4 months in 35% of the cases.

According to that study, 76% mothers think that breastfeeding is beneficial because it provides protection while according to our study 27% mothers think that breastfeeding is beneficial because it provides protection. According to that research, 90% mothers think that breastfeeding should be started within the first hour of delivery while according to our research 31% mothers think that breastfeeding should be started within the first hour of delivery. According to that research, 14.8% mothers said that they had given something else before breastfeeding for the first time while according to our study, 38% mothers said that they had given something else before breastfeeding for the first time.

CONCLUSION:

The study showed that the lower rates of breastfeeding are influenced by factors like education, age, etc. Other unacceptable practices like

pre-lacteal feed, lack of early initiation of breastfeeding and early weaning were found prevalent. Women were aware of advantages and disadvantages of breast and bottle feeding but a disparity was observed between knowledge and practice.

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