A DESCRIPTIVE CROSS-SECTIONAL STUDY OF BREAST FEEDING PRACTICE

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Abstract

Background: This study was describe the breastfeeding practices and factors affected initiation and duration of breastfeeding

Methods: The cross sectional study was conducted on mothers with infants less than 1 year who came to immunization center for vaccination was included in the study. Total 1000 mothers include in this study.

Results: Only 35.40% of the mothers did the exclusive breastfeeding until 6 months and started weaning after 6 months. A total 55.00% of mothers in our study prematurely started weaning.

Conclusions: The study emphasizes the need for breastfeeding intervention programs especially for the mothers during antenatal and postnatal check-ups.

Keywords: Breastfeeding, Immunization, Infants.

Introduction

Breastfeeding is one of most important determinants of child survival, birth spacing, and prevention of childhood infections. The importance of breastfeeding has been emphasized in various studies. The importance of immunological and nutritional value of breast milk has been demonstrated.1

The beneficial effects of breastfeeding depend on breastfeeding initiation, its duration. Breastfeeding practices vary among different regions and communities in India, breastfeeding in rural areas appear to be shaped by the belief of a community, which are further influenced by social, cultural, and economic factors.2

Materials and methods

The cross sectional study was conducted on mothers with infants less than 1 year who came to immunization center for vaccination was included in the study. Total 1000 mothers include in this study. Verbal consent was obtained. Those who are not willing to participated were excluded.

The pre-tested questionnaire included various factors that had a potential effect on the initiation and duration of breastfeeding practice. The questionnaire included socio-economic and demographical data, details on the initiation and duration of breastfeeding. A pre-test run was done to validate questionnaire.3

Statistical analysis used: data analysis was done according to descriptive statistics. Result are given in percentages.

Results

In our study, the majority of the mothers were between the ages of 20 and 25 years old.

Initiation of breast feeding

Most of the mothers initiates breast feeding (97%) and the others (3%) were not able to initiates due to separation from mother or due to advice from the mother-in-law.

<table>
<thead>
<tr>
<th>Duration</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;6 months</td>
<td>550</td>
<td>55.00%</td>
</tr>
<tr>
<td>&gt;6 months and started weaning</td>
<td>354</td>
<td>35.40%</td>
</tr>
<tr>
<td>&gt;6 months and not yet started weaning</td>
<td>87</td>
<td>8.70%</td>
</tr>
</tbody>
</table>

Only 35.40% of the mothers did the exclusive breastfeeding until 6 months and started weaning after 6 months. A total 55.00% of mothers in our study prematurely started weaning.

Discussion

Women have a very positive attitude towards initiation of breast feeding. In this study almost all the women had initiated breastfeeding and continued to breastfeed beyond...
6 months. Benakappa DG et al. and Chandrashekar TS et al. also show similar pattern.

Breast milk should be initiated within half hour of delivery. The delay in initiation will lead to a delay in the development of oxytocin reflexes, which are very important for the contraction of the uterus and the breast milk reflex. In our study, initiated breastfeeding within 30 minutes of childbirth, which is a good practice.

Pre lacteal feeds should not be given but still the majority of mothers gives either sugar water or honey. discarding the colostrums is still practiced widely. the colostrums is rich in vitamins, minerals, and immunoglobulins that protects the child from infections. Discarding the colostrums and feeding the child with honey or sugar water makes the child vulnerable to infection. Sharma M et al have also found similar practices in the community and it is largely influenced by the relatives and the primary care providers during childbirth.

Conclusions

The study emphasizes the need for breastfeeding intervention programs especially for the mothers during antenatal and postnatal check-ups. The information regarding the advantage and duration of breastfeeding need to be provided for the community as a whole.

References

6. WHO and UNICEF, ten steps to promote successful breastfeeding. Mother and child health division, Geneva, 1989