be taken into account. Another relevant factor is that, apart from the quality of the x-rays themselves, the entire assessment was performed under ideal conditions, which makes the study appropriate to assess efficacy and not effectiveness. It can be further deduced that, under true working conditions, with time scarce and less well-qualified personnel, that interobserver variation would be greater still. As the group of children studied were all hospitalized, the external validity of this research is limited to more serious cases and cannot be extrapolated to cover outpatients treatment.

Nevertheless the study is a significant contribution to scientific research and to the understanding of this theme.

References


2. CDC. Division of Bacterial and Mycotic Diseases. Pneumonia among Children in Developing Countries. 2003; March 6: 2p.


The pediatrician and exclusive breastfeeding – Rea MF

from the recommendation of 100%. What are the main reasons for this gap?

This is one of the issues on which Santiago et al. make us reflect in this issue of the Jornal de Pediatria.4

The importance of exclusive breastfeeding during the first months of life was documented with scientific proof only in the last years of the eighties. The first articles published on the subject were the bibliographic review by Feachem & Koblinski5 and the study performed in Pelotas by Victora et al.,6 both concerned with infant mortality due to infectious diseases and diarrhea in particular, and its relationship with infant nutrition. It is difficult to gauge how long it took for pediatric colleges to find out about these articles and even more so when they changed their feeding recommendations: at the time they were recommending the introduction of pure water of tea between feeds from 12 to 18 hours onwards,7 without, therefore, any period of exclusive breastmilk consumption.

Our country launched the National Breastfeeding Encouragement Program in 1981 with two large scale media campaigns in which the messages made no mention of “exclusive breastfeeding”.1 Since these campaigns nothing has been done with a similar coverage, even when the recommendations were changed. There is no research into how mothers are to come to know that the recommended practice during the first six months is to give only breastmilk.

We know that the medical schools in our country, and in particular pediatric colleges, dedicated themselves to teaching childcare, giving prominence to artificial baby food as a fundamental component of nutrition during the first year of life.7 The role of the companies that produce baby formula and their advertising within medical schools is also well documented.8,9 In terms of the value of texts or resolutions which control such advertising, such as the International Code (1981) and the Brazilian Baby Food Marketing Standards (1988), inappropriate advertising among health professionals of products which substitute breastmilk (baby formula, bottles and teats) is very difficult to stamp out.

In 1993, the Pan American Health Organization performed a study of the treatment of breastfeeding on the curricula of medical schools. Twenty percent of Brazilian medical schools were sampled and 10% of their students interviewed. The results showed that the number of hours dedicated to the theme is minimal and insufficient and interviews with students at the end of the course demonstrated that if they knew how to solve lactation complications this knowledge had not been gained from the curriculum but from participation in extracurricular clinical activities.10

Santiago et al., in a paper published in this issue of the magazine, demonstrate that advice given to mothers by trained pediatricians contributes to exclusive breastfeeding. It further demonstrates that multidisciplinary teams trained in lactation are even more efficient at achieving improved exclusive breastfeeding rates. Such findings show the way: pediatricians must have both training and information that are up to date.

In a review of breastfeeding in clinical practice, the need of health professionals to update knowledge and skills was analyzed.11 In the knowledge that undergraduate training on the subject can be considered inadequate, courses and training materials have been developed for graduates. The courses organized by the WHO and UNICEF (18 hours, 12 hours, for management, for counseling, etc.) have come to be widely used. It was, without doubt, training of this type which has aided the improvement of skills and the increase in knowledge of the practice of breastfeeding that was documented in the article. Such courses need to be incorporated into the curricula of medical schools and other health education institutions so that everyone who graduates is capacitated with the latest that is known on the subject.

References