



# WORLD HEALTH ORGANIZATION

**EXECUTIVE BOARD**  
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## **Infant and young child nutrition**

### **Global strategy for infant and young child feeding**

#### **Report by the Secretariat**

1. The Executive Board, at its 101st session in January 1998, called for a revitalization of the global commitment to appropriate infant and young child nutrition, and in particular breastfeeding and complementary feeding.<sup>1</sup> Subsequently, in close collaboration with UNICEF, WHO organized a consultation (Geneva, 13-17 March 2000) to assess infant and young child feeding policies, review key interventions, and formulate a comprehensive strategy for the next decade.
2. Following discussions at the Fifty-third World Health Assembly in May 2000 and the 107th session of the Executive Board in January 2001 of the outline and critical issues of the global strategy,<sup>2,3</sup> the Fifty-fourth World Health Assembly reviewed progress<sup>4</sup> and requested the Director-General to submit the strategy to the Executive Board at its 109th session and to the Fifty-fifth World Health Assembly, respectively in January and May 2002.<sup>5</sup>

#### **AN EMERGING POLICY FRAMEWORK**

3. From the outset it was agreed that the global strategy should build on past and continuing achievements – particularly the Baby-friendly Hospital Initiative, the International Code of Marketing of Breast-milk Substitutes and the Innocenti Declaration on the Protection, Promotion and Support of Breastfeeding – in the overall context of national policies and programmes on nutrition and child health, and consistent with the World Declaration and Plan of Action for Nutrition.<sup>6</sup> However, it should go further and emphasize the need for comprehensive national policies on infant and young child feeding, including guidelines on ensuring appropriate feeding of infants and young children in exceptionally difficult circumstances, and the need to ensure that all health services protect, promote

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<sup>1</sup> Document EB101/1998/REC/2.

<sup>2</sup> Decision WHA53(10).

<sup>3</sup> Document RC/2000/NUT.

<sup>4</sup> Document A54/7.

<sup>5</sup> Resolution WHA54.2, paragraph 3(6).

<sup>6</sup> *World Declaration and Plan of Action for Nutrition*. International Conference on Nutrition, Rome, FAO/WHO, 1992.

and support exclusive breastfeeding and timely and adequate complementary feeding with continued breastfeeding.

4. Two principles guided the development of the strategy: it should be grounded on the best available scientific and epidemiological evidence, and it should be as participatory as possible. Consequently, the work involved extensive review of the scientific literature and several technical consultations. The latter focused on both crucial elements of the strategy and specific issues. For instance, the WHO/UNICEF consultation in March 2000 brought together experts in strategic and programmatic aspects of the subject and representatives of ILO, UNHCR and UNAIDS; the UNAIDS/UNICEF/UNFPA/WHO Interagency Task Team meeting (Geneva, 11-13 October 2000) considered the prevention of mother-to-child transmission of HIV,<sup>1</sup> and the expert consultation (Geneva, 28-30 March 2001) reviewed the optimal duration of exclusive breastfeeding.<sup>2</sup>

5. Consistent with an approach in which countries participated, from the outset, in tailoring the strategy to their specific needs, during the period 2000-2001 the draft strategy was considered at country consultations in Brazil, China, Philippines, Scotland, Sri Lanka, Thailand and Zimbabwe. Six regional consultations followed with representatives of more than 100 Member States and the participation of UNICEF, FAO, ILO, the International Lactation Consultant Association, the International Baby Food Action Network, and the World Alliance for Breastfeeding Action. On the basis of the inputs provided and the principles that have evolved through this process, the following policy framework has emerged.

- Inappropriate feeding practices and their consequences are major obstacles to sustainable socioeconomic development and poverty reduction. Governments will be unsuccessful in their efforts to accelerate economic development in any significant long-term sense until optimal child growth and development, especially through appropriate feeding practices, are ensured for the majority.
- Appropriate evidence-based feeding practices are essential for attaining and maintaining proper nutrition and health.
- Mothers and babies form an inseparable biological and social unit; the health and nutrition of one group cannot be divorced from the health and nutrition of the other.
- Keeping improved infant and young child feeding high on the public health agenda is crucial to consolidating gains made during the past two decades.
- Twenty years after adoption of the International Code of Marketing of Breast-milk Substitutes and 10 years into giving practical effect to the World Declaration and Plan of Action for Nutrition, the Innocenti Declaration and the Baby-friendly Hospital Initiative, it is time for governments, civil society and the international community to renew their commitment to promoting the health and nutrition of infants and young children and to work together for this purpose.

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<sup>1</sup> New data on the prevention of mother-to-child transmission of HIV and their policy implications: conclusions and recommendations. WHO technical consultation on behalf of the UNFPA/UNICEF/WHO/UNAIDS Interagency Task Team on Mother-to-Child Transmission of HIV, October 2001, Geneva, WHO (document WHO/RHR/01.28).

<sup>2</sup> Document A54/INF.DOC./4.

- Although not every component is new, what is novel about the global strategy is its *integrated comprehensive approach* and the *degree of urgency* called for in implementing it, in order to deal effectively with so elementary and universal a challenge as ensuring appropriate feeding for the world's children.
- The most rational and economical approach to achieving the strategy's aim and objectives is to use *existing* health and intersectoral structures, reinforced where necessary.
- Success in implementing the global strategy rests, first and foremost, on achieving political commitment at the highest level and assembling the indispensable human and financial resources.
- Additional high-priority conditions for success include definition of suitable goals and objectives, a realistic timeline for their achievement, and measurable process and output indicators that will permit an accurate monitoring and evaluation of action taken and a rapid response to identified needs.

## CONCLUSION

6. The global strategy was developed during a two-year participatory process involving well over 100 Member States and international, intergovernmental and nongovernmental organizations. This process allowed critical examination of the fundamental factors affecting the protection, promotion and support of optimal feeding practices for infants and young children. The aim, from the outset, was to move towards formulating a sound strategy that will contribute to a lasting reduction in malnutrition, poverty and deprivation.

## ACTION BY THE EXECUTIVE BOARD

7. The Board is invited to review the annexed draft global strategy and to consider the following draft resolution:

The Executive Board,

Having considered the draft global strategy for infant and young child feeding,<sup>1</sup>

RECOMMENDS to the Fifty-fifth World Health Assembly the adoption of the following resolution:

The Fifty-fifth World Health Assembly,

Having considered the draft global strategy for infant and young child feeding;

Deeply concerned about the vast numbers of infants and young children who are still inappropriately fed and whose nutritional status, growth and development, health and very survival are thereby compromised;

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<sup>1</sup> Document EB109/12.

Conscious that every year as much as 55% of infant deaths from diarrhoeal disease and acute respiratory infections may be the result of inappropriate feeding practices, that less than 35% of infants worldwide are exclusively breastfed for even the first four months of life, and that complementary feeding practices are frequently ill-timed, inappropriate and unsafe;

Alarmed at the degree to which inappropriate infant and young child feeding practices contribute to the global burden of disease, including malnutrition and its consequences such as blindness and mortality due to vitamin A deficiency, impaired psycho-motor development due to iron deficiency and anaemia, irreversible brain damage as a consequence of iodine deficiency, the massive impact on morbidity and mortality of protein-energy malnutrition, and the later-life consequences of childhood obesity;

Mindful of the challenges posed by the ever-increasing number of people affected by major emergencies, the HIV/AIDS pandemic, and the complexities of modern lifestyles coupled with continued promulgation of inconsistent messages about infant and young child feeding;

Aware that inappropriate feeding practices and their consequences are major obstacles to sustainable socioeconomic development and poverty reduction;

Reaffirming that mothers and babies form an inseparable biological and social unit, and that the health and nutrition of one cannot be divorced from the health and nutrition of the other;

Recalling the Health Assembly's endorsement (resolution WHA33.32), in their entirety, of the statement and recommendations made by the joint WHO/UNICEF Meeting on Infant and Young Child Feeding in 1979; its adoption of the International Code of Marketing of Breast-milk Substitutes (resolution WHA34.22), in which it stressed that adoption of and adherence to the code were a minimum requirement; its welcoming of the Innocenti Declaration on the Protection, Promotion and Support of Breastfeeding as a basis for international health policy and action (resolution WHA44.33); its urging encouragement and support for all public and private health facilities providing maternity services so that they become "baby-friendly" (resolution WHA45.34); its urging ratification and implementation of the Convention on the Rights of the Child as a vehicle for family health development (resolution WHA46.27); and its endorsement, in their entirety, of the World Declaration and Plan of Action for Nutrition adopted by the International Conference on Nutrition (resolution WHA46.7);

Recalling also resolutions WHA35.26, WHA37.30, WHA39.28, WHA41.11, WHA43.3, WHA45.34, WHA46.7, WHA47.5, WHA49.15 and WHA54.2 on infant and young child nutrition, appropriate feeding practices and related questions;

Recognizing the need for comprehensive national policies on infant and young child feeding, including guidelines on ensuring appropriate feeding of infants and young children in exceptionally difficult circumstances;

Convinced that it is time for governments, civil society and the international community to renew their commitment to promoting the optimal feeding of infants and young children and to work together closely for this purpose,

1. ENDORSES the global strategy for infant and young child feeding;
2. URGES Member States, as a matter of urgency:
  - (1) to adopt the global strategy, implementing it as appropriate to national circumstances as part of their overall nutrition and child-health policies and programmes, in order to ensure optimal feeding for all infants and young children;
  - (2) to strengthen existing, or establish new, structures for implementing the global strategy through the health and other concerned sectors, for monitoring and evaluating its effectiveness, and for guiding resource investment and management to improve infant and young child feeding;
  - (3) to define for this purpose, consistent with national circumstances:
    - (a) national goals and objectives,
    - (b) a realistic timeline for their achievement,
    - (c) measurable process and output indicators that will permit an accurate monitoring and evaluation of action taken and a rapid response to identified needs;
  - (4) to mobilize all concerned social and economic resources within civil society, including scientific, professional, nongovernmental, voluntary, and commercial groups and associations, and to engage them actively in implementing the global strategy and achieving its aim and objectives;
3. CALLS UPON other international organizations and bodies, in particular ILO, FAO, UNICEF, UNHCR and UNAIDS, to give high priority, within their respective mandates and programmes, to support governments in implementing this global strategy, and invites donors to provide adequate funding for the necessary measures;
4. REQUESTS the Codex Alimentarius Commission to continue to give full consideration, within the framework of its operational mandate, to action it might take to improve the quality standards of processed foods for infants and young children and to promote their safe and proper use at an appropriate age, consistent with the policy of WHO.
5. REQUESTS the Director-General:
  - (1) to support Member States, on request, in implementing this strategy and monitoring and evaluating its impact;
  - (2) to continue developing, in the light of the scale and frequency of major emergencies worldwide, specific information and training materials aimed at ensuring that the feeding requirements of infants and young children in exceptionally difficult circumstances are met;

(3) to strengthen international cooperation with other organizations of the United Nations system and bilateral development agencies in promoting appropriate infant and young child feeding;

(4) to promote continued cooperation with and among all parties in civil society concerned with implementing the global strategy.

## ANNEX

**GLOBAL STRATEGY FOR INFANT AND YOUNG CHILD FEEDING****DEFINING THE CHALLENGE**

1. Malnutrition has been responsible, directly or indirectly, for half the 10.9 million deaths annually among children under five. Well over two-thirds of these deaths, which are often associated with poor feeding practices, occur during the first year of life. No more than 35% of infants worldwide are exclusively breastfed during the first six months of life; complementary feeding frequently begins too early or too late, and foods are often nutritionally inadequate and unsafe. Malnourished children who survive are more frequently sick and suffer the life-long consequences of impaired development. Rising incidences of overweight and obesity in children are also a matter of serious concern. Because poor feeding practices are a major threat to social and economic development, they are among the most serious obstacles to attaining and maintaining health that face this age group.

2. The health and nutritional status of mothers and children are intimately linked. Improved infant and young child feeding begins with ensuring the health and nutritional status of women, in their own right, throughout all stages of life and continues with women as providers for their children and families. Mothers and infants form a biological and social unit; they also share problems of malnutrition and ill-health. Whatever is done to solve these problems concerns both mothers and children together.

3. The global strategy for infant and young child feeding is based on respect, protection, facilitation and fulfilment of accepted human rights principles. Nutrition is a crucial, universally recognized component of the child's right to the enjoyment of the highest attainable standard of health as stated in the Convention on the Rights of the Child. Children have the right to adequate nutrition and access to safe and nutritious food, and both are essential for fulfilling their right to the highest attainable standard of health. Women, in turn, have the right to proper nutrition, to decide how to feed their children, and to full information and appropriate conditions that will enable them to carry out their decisions. These rights are not yet realized in many environments.

4. Rapid social and economic change only intensifies the difficulties that families face in properly feeding and caring for their children. Expanding urbanization results in more families that depend on informal or intermittent employment with uncertain incomes and few or no maternity benefits. Both self-employed and nominally employed rural women face heavy workloads, usually with no maternity protection. Meanwhile, traditional family and community support structures are being eroded, resources devoted to supporting health- and, especially, nutrition-related, services are dwindling, accurate information on optimal feeding practices is lacking, and the number of food-insecure rural and urban households is on the rise.

5. The HIV pandemic and the risk of mother-to-child transmission of HIV through breastfeeding pose unique challenges to the promotion of breastfeeding, even among unaffected families. Major emergencies of all types are increasing in number and intensity, further compromising the care and feeding of infants and young children the world over. Refugees and internally displaced persons alone currently number more than 40 million, including 5.5 million under-five children.

## DETERMINING THE AIM AND OBJECTIVES

6. The *aim* of this strategy is to improve – through optimal feeding – the nutritional status, growth and development, health, and thus the survival of infants and young children.
7. The strategy's specific *objectives* are:
  - to raise awareness of the main problems affecting infant and young child feeding, identify approaches to their solution, and provide a framework of essential interventions;
  - to increase the commitment of governments, civil society<sup>1</sup> and international organizations for optimal feeding practices for infants and young children;
  - to create an environment that will enable mothers, families and other caregivers in all circumstances to make – and implement – informed choices about optimal feeding practices for infants and young children.
8. The strategy is intended as a guide for action; it is based on accumulated evidence of the significance of the early months and years of life for child growth and development and it identifies interventions with a proven positive impact during this period.
9. No single intervention or group can succeed in meeting the challenge; implementing the strategy thus calls for increased political will, public investment, awareness among health workers, involvement of families and communities, and collaboration between governments, civil society and international organizations that will ultimately ensure that all necessary action is taken.

## PROMOTING OPTIMAL FEEDING FOR INFANTS AND YOUNG CHILDREN

10. *Breastfeeding* is an unequalled way of providing ideal food for the healthy growth and development of infants; it is also an integral part of the reproductive process with important implications for the health of mothers. To achieve optimal growth, development and health, infants should be exclusively breastfed for the first six months of life.<sup>2</sup> Thereafter, to meet their evolving nutritional requirements, infants should receive nutritionally adequate and safe complementary foods while breastfeeding continues for up to two years of age or beyond. Exclusive breastfeeding from birth is possible except for a few medical conditions, and unrestricted exclusive breastfeeding results in ample milk production.
11. Even though it is a natural act, breastfeeding is also a learned behaviour. Virtually all mothers can breastfeed provided they have adequate information, and support within their families and communities and from the health care system. They should also have access to skilled practical help from trained health workers, lay and peer counsellors, and formally certified lactation consultants, who

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<sup>1</sup> For the purposes of this strategy, civil society includes professional bodies, training institutions, industrial and commercial enterprises and their associations, nongovernmental organizations whether or not formally registered, religious and charitable organizations and citizens' associations such as community-based breastfeeding support networks and consumer groups.

<sup>2</sup> As formulated in the conclusions and recommendations of the expert consultation (Geneva, 28-30 March 2001) that completed the systematic review of the optimal duration of exclusive breastfeeding (see document A54/INF.DOC./4). See also resolution WHA54.2.



can help to build mothers' confidence, improve feeding technique, and prevent or resolve breastfeeding problems.

12. Women in paid employment can be helped to continue breastfeeding by being provided with minimum enabling conditions, for example paid maternity leave, part-time work arrangements, on-site crèches, facilities for expressing and storing breast milk, and breastfeeding breaks.

13. Infants are particularly vulnerable during the transition period when *complementary feeding* begins. Ensuring that their nutritional needs are met thus requires that complementary foods be:

- *timely* – meaning that they are introduced when the need for energy and nutrients exceeds what can be provided through exclusive and frequent breastfeeding;
- *adequate* – meaning that they provide sufficient energy, protein and micronutrients to meet a growing child's nutritional needs;
- *safe* – meaning that they are hygienically stored and prepared, and fed with clean hands using clean utensils and not bottles and teats;
- *properly fed* – meaning that they are given consistent with a child's signals of appetite and satiety, and that meal frequency and feeding method – actively encouraging the child to consume sufficient food using fingers, spoon or self-feeding – are suitable for age.

14. Appropriate complementary feeding depends on accurate *information* and skilled support from the family, community and health care system. Inadequate knowledge about appropriate foods and feeding practices is often a greater determinant of malnutrition than the lack of food. Moreover, diversified approaches are required to ensure access to foods that will adequately meet energy and nutrient needs of growing children, for example use of home- and community-based technologies to enhance nutrient density, bioavailability and the micronutrient content of local foods.

15. In addition to *local foods* that are prepared and fed safely in the home, *low-cost processed foods*, prepared with locally available ingredients and suitable quality control measures, can help to meet the nutritional needs of older infants and young children.

16. *Industrially processed food products* also provide an option for some mothers who have the means to buy them and the knowledge and facilities to prepare and feed them safely. Processed food products for infants and young children should, when sold, meet applicable Codex Alimentarius standards.

17. *Food fortification* and universal or targeted *nutrient supplementation* may also be required to ensure that older infants and young children receive adequate amounts of micronutrients.

## EXERCISING OTHER FEEDING OPTIONS

18. The vast majority of mothers can and should breastfeed, just as the vast majority of infants can and should be breastfed. Only under exceptional circumstances can a mother's milk be considered unsuitable for her infant. For those few health situations where infants cannot, or should not, be breastfed, the choice of the best alternative – expressed breast milk from an infant's own mother, breast milk from a healthy wet-nurse or a human-milk bank, or a breast-milk substitute fed with a cup,

which is a safer method than a feeding bottle and teat – depends on individual circumstances. Infants who are not breastfed, for whatever reason, should receive special attention from the health and social welfare system since they constitute a risk group.

## FEEDING IN EXCEPTIONALLY DIFFICULT CIRCUMSTANCES

19. Families in *difficult situations* require special attention and practical support to be able to feed their children adequately. In such cases the likelihood of not breastfeeding increases, as do the dangers of artificial feeding and inappropriate complementary feeding. Wherever possible, mothers and babies should remain together and be provided the support they need to exercise the most appropriate feeding option under the circumstances.

20. Infants and young children who are *malnourished* are most often found in environments where improving the quality and quantity of food intake is particularly problematic. To prevent a recurrence and to overcome the effects of chronic malnutrition, these children need extra attention both during the early rehabilitation phase and over the longer term. Nutritionally adequate and safe complementary foods may be particularly difficult to obtain and dietary supplements may be required for these children. Continued frequent breastfeeding and, when necessary, relactation are important preventive steps since malnutrition often has its origin in inadequate or disrupted breastfeeding.

21. The proportion of infants with *low birth weight* varies from 6% to more than 28% depending on the setting. Most are born at or near term and can breastfeed within the first hour after birth. Breast milk is particularly important for preterm infants and the small proportion of term infants with very low birth weight; they are at increased risk of infection, long-term ill-health and death.

22. Infants and children are among the most vulnerable victims of natural or human-induced *emergencies*. Interrupted breastfeeding and inappropriate complementary feeding heighten the risk of malnutrition, illness and mortality. Uncontrolled distribution of breast-milk substitutes, for example in refugee settings, can lead to early and unnecessary cessation of breastfeeding. For the vast majority of infants emphasis should be on protecting, promoting and supporting breastfeeding and ensuring timely, safe and appropriate complementary feeding. There will always be a small number of infants who have to be fed on breast-milk substitutes. Suitable substitutes, procured, distributed and fed safely as part of the regular inventory of foods and medicines, should be provided.

23. An estimated 1.6 million children are born to *HIV-infected women* each year, mainly in low-income countries. The absolute risk of HIV transmission through breastfeeding for more than one year – globally between 10% and 20% – needs to be balanced against the increased risk of morbidity and mortality when infants are not breastfed. All HIV-infected mothers should receive counselling, which includes provision of general information about the risks and benefits of various feeding options, and specific guidance in selecting the option most likely to be suitable for their situation. Adequate *replacement feeding* is needed for infants born to HIV-positive mothers who choose not to breastfeed. It requires a suitable breast-milk substitute, for example an infant formula prepared in accordance with applicable Codex Alimentarius standards, or a home-prepared formula with micronutrient supplements. Heat-treated breast milk, or breast milk provided by an HIV-negative donor mother, may be an option in some cases. To reduce the risk of interfering with the promotion of breastfeeding for the great majority, providing a breast-milk substitute for these infants should be consistent with the principles and aim of the International Code of Marketing of Breast-milk Substitutes. For mothers who test negative for HIV, or who are untested, exclusive breastfeeding remains the best feeding option.

24. Children living in *special circumstances* also require extra attention – for example, orphans and children in foster care, and children born to adolescent mothers, mothers suffering from physical or mental disabilities, drug- or alcohol-dependence, or mothers who are imprisoned or part of disadvantaged or otherwise marginalized populations.

## IMPROVING FEEDING PRACTICES

25. Mothers, fathers and other caregivers should have access to objective, consistent and complete *information* about optimal feeding practices, free from commercial influence. In particular, they need to know about the recommended period of exclusive and continued breastfeeding; the timing of the introduction of complementary foods; what types of food to give, how much and how often; and how to feed these foods safely.

26. Mothers should have access to *skilled support* to help them initiate and sustain optimal feeding practices, and to prevent difficulties and overcome them when they occur. Knowledgeable health workers are well placed to provide this support, which should be a routine part not only of regular prenatal, delivery and postnatal care but also of services provided for the well baby and sick child. Community-based networks offering mother-to-mother support, and trained breastfeeding counsellors working within, or closely with, the health care system, also have an important role to play in this regard. Where fathers are concerned, research shows that breastfeeding is enhanced by the support and companionship they provide as family providers and caregivers.

27. Mothers should also be able to continue breastfeeding and caring for their children after they return to *paid employment*. This can be accomplished by implementing maternity protection legislation and related measures consistent with ILO Maternity Protection Convention, 2000 No. 183 and Maternity Protection Recommendation, 2000 No. 191. Maternity leave, day-care facilities and paid breastfeeding breaks should be available for all women employed outside the home.

## ACHIEVING THE STRATEGY'S OBJECTIVES

28. A first step to achieving the objectives of this strategy is to reaffirm the relevance – indeed the urgency – of the four operational targets of the Innocenti Declaration on the Protection, Promotion and Support of Breastfeeding:<sup>1</sup>

- appointing a national breastfeeding coordinator with appropriate authority, and establishing a multisectoral national breastfeeding committee composed of representatives from relevant government departments, nongovernmental organizations, and health professional associations;

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<sup>1</sup> Meeting in Florence in July 1990, government policy-makers from more than 30 countries adopted the Innocenti Declaration. The Forty-fourth World Health Assembly, in 1991, welcomed the Declaration as “a basis for international health policy and action” and requested the Director-General to monitor achievement of its targets (resolution WHA44.33).

- ensuring that every facility providing maternity services fully practices all the “Ten steps to successful breastfeeding” set out in the WHO/UNICEF statement on breastfeeding and maternity services;<sup>1</sup>
- giving effect to the principles and aim of the International Code of Marketing of Breast-milk Substitutes and subsequent relevant Health Assembly resolutions in their entirety;
- enacting imaginative legislation protecting the breastfeeding rights of working women and establishing means for its enforcement.

29. Many governments have taken important steps towards realizing these targets and much has been achieved as a result, notably through the Baby-friendly Hospital Initiative and the legislation and other measures that have been adopted with regard to the marketing of breast-milk substitutes. Achievements are far from uniform, however, and there are signs of weakened commitment, for example in the face of the HIV/AIDS pandemic and the number and gravity of major emergencies affecting infants and young children. Moreover, the Innocenti Declaration focuses uniquely on breastfeeding. Thus, additional targets are needed to reflect a comprehensive approach to meeting care and feeding requirements during the first three years of life through a wide range of interrelated actions.

30. In the light of accumulated scientific evidence, and policy and programme experience, the time is right for governments, with the support of civil society and international organizations:

- to reconsider how best to ensure the optimal feeding of infants and young children and to renew their collective commitment to meeting this challenge;
- to constitute effective national bodies to lead the implementation of this strategy as a coordinated national response to the multiple challenges of infant and young child feeding;<sup>2</sup> and
- to establish a system to monitor regularly feeding practices, assess trends and evaluate the impact of interventions.

31. With these considerations in mind, the global strategy includes as a priority for all governments the achievement of the following additional operational targets:<sup>3</sup>

- to develop, implement, monitor and evaluate a comprehensive policy on infant and young child feeding, in the context of national policies and programmes for nutrition, child and reproductive health, and poverty reduction;
- to ensure that the health and other relevant sectors protect, promote and support exclusive breastfeeding for six months and continued breastfeeding up to two years of age or beyond,

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<sup>1</sup> Protecting, promoting and supporting breastfeeding: the special role of maternity services. A joint WHO/UNICEF statement, Geneva, WHO, 1989.

<sup>2</sup> Consistent with the first target of the Innocenti Declaration, more than 100 countries have already appointed a national breastfeeding coordinator and established a multisectoral national committee. These arrangements could form the basis for the creation of the new body called for here.

<sup>3</sup> Governments should set a realistic date for achievement of all the global strategy’s targets and define measurable indicators to assess their progress in this regard.

while providing women access to the support they require – in the family, community and workplace – to achieve this goal;

- to promote timely, adequate, safe and appropriate complementary feeding with continued breastfeeding;
- to provide guidance on feeding infants and young children in exceptionally difficult circumstances, and on the related support required by mothers, families and other caregivers;
- to consider what new legislation or other suitable measures may be required, as part of a comprehensive policy on infant and young child feeding, to give effect to the principles and aim of the International Code of Marketing of Breast-milk Substitutes and to subsequent relevant Health Assembly resolutions.

## **IMPLEMENTING HIGH-PRIORITY ACTION**

32. A comprehensive national policy, based on a thorough needs assessment, should foster an environment that protects, promotes and supports appropriate infant and young child feeding practices. An effective feeding policy requires the following critical interventions:

### *For protection*

- adopting and monitoring application of a policy of maternity entitlements, consistent with the ILO Maternity Protection Convention and Recommendation, in order to facilitate breastfeeding by women in paid employment, including those in atypical forms of dependent work, for example part-time, domestic and intermittent employment;
- ensuring that processed complementary foods are marketed for use at an appropriate age, and that they are safe, culturally acceptable, affordable and nutritionally adequate, in accordance with relevant Codex Alimentarius standards;
- implementing and monitoring existing measures to give effect to the International Code of Marketing of Breast-milk Substitutes and, where appropriate, strengthening them or adopting new measures;

### *For promotion*

- ensuring that all who are responsible for communicating with the general public, including educational and media authorities, provide accurate and complete information about optimal infant and young child feeding practices, taking into account prevailing social, cultural and environmental circumstances;

### *For support through the health care system*

- providing skilled counselling and help for infant and young child feeding, for instance at well-baby clinics, during immunization sessions, and in in- and out-patient services for sick children, nutrition services, and reproductive health and maternity services;

- ensuring that hospital routines and procedures remain fully supportive of the successful initiation and establishment of breastfeeding through implementation of the Baby-friendly Hospital Initiative, monitoring and reassessing already designated facilities, and expanding the Initiative to include clinics, health centres and paediatric hospitals;
- increasing access to antenatal care and education about breastfeeding, and to delivery practices which support breastfeeding;
- promoting good nutrition for pregnant and lactating women;
- monitoring the growth and development of infants and young children as a routine nutrition intervention, with particular attention to low-birth-weight and sick infants and those born to HIV-positive mothers, and ensuring that mothers and families receive appropriate counselling;
- providing guidance on appropriate complementary feeding with emphasis on the use of locally available foods which are prepared and fed safely;
- ensuring adequate intake of essential nutrients through access to appropriate – including fortified – local foods and, when necessary, micronutrient supplements;
- enabling mothers to remain with their hospitalized children to ensure continued breastfeeding and adequate complementary feeding and, where feasible, allow breastfed children to stay with their hospitalized mothers;
- ensuring effective therapeutic feeding of sick and malnourished children, including the provision of skilled breastfeeding support when required;
- training health workers who care for mothers, children and families with regard to:
  - counselling and assistance skills needed for breastfeeding, complementary feeding, HIV and infant feeding and, when necessary, feeding with a breast-milk substitute,
  - feeding during illness,
  - health workers’ responsibilities under the International Code of Marketing of Breast-milk Substitutes;
- revising and reforming pre-service curricula for all health workers, nutritionists and allied professionals to provide appropriate information and advice on infant and young child feeding for use by families and those involved in the field of infant and young child nutrition;

*For support in the community*

- promoting development of community-based support networks to help ensure optimal infant and young child feeding, for example mother-to-mother support groups and peer or lay counsellors, to which hospitals and clinics can refer mothers on discharge;
- ensuring that community-based support networks not only are welcome within the health care system but also participate actively in the planning and provision of services;

*For support for feeding infants and young children in exceptionally difficult circumstances*

- ensuring that health workers have accurate and up-to-date information about infant feeding policies and practices, and that they have the specific knowledge and skills required to support caregivers and children in all aspects of infant and young child feeding in exceptionally difficult circumstances;
- creating conditions that will facilitate exclusive breastfeeding, by provision, for example, of appropriate maternity care, extra food rations and drinking-water for pregnant and lactating women, and staff who have breastfeeding counselling skills;
- ensuring that appropriate – preferably locally available – complementary foods are selected and fed, consistent with the age and nutritional needs of older infants and young children;
- searching actively for malnourished children so that their condition can be identified and treated, they can be appropriately fed, and their caregivers can be supported;
- giving guidance for identifying infants who have to be fed on breast-milk substitutes, ensuring that a suitable substitute is provided and fed safely for as long as needed by the infants concerned, and preventing any “spillover effect” of artificial feeding into the general population;
- ensuring that health workers with knowledge and experience in all aspects of breastfeeding and replacement feeding are available to counsel HIV-positive women;
- broadening the Baby-friendly Hospital Initiative, taking account of HIV/AIDS and ensuring that those responsible for emergency preparedness are well trained to support appropriate feeding practices;
- ensuring that infants and young children in exceptionally difficult circumstances are identified so that they can be optimally fed and their caregivers can be supported;
- ensuring that whenever breast-milk substitutes are required for social or medical reasons, for example for orphans or in the case of HIV-positive mothers, they are provided for as long as the infants concerned need them.

## **OBLIGATIONS AND RESPONSIBILITIES**

33. Governments, civil society and international organizations share responsibility for ensuring the fulfilment of the right of children to the highest attainable standard of health and the right of women to full and unbiased information, and adequate health care and nutrition. Each partner should acknowledge and embrace its responsibilities for improving the feeding of infants and young children and for mobilizing required resources. All partners should work together to achieve fully this strategy’s aim and objectives.

### **Governments**

34. The primary obligation of governments is to formulate, implement, monitor and evaluate a comprehensive *national policy* on infant and young child feeding. In addition to political commitment

at the highest level, a successful policy depends on effective national coordination to ensure full collaboration of all concerned government agencies, groups in civil society and international organizations. This implies continual collection and evaluation of relevant information on feeding policies and practices.

35. A detailed *action plan* should accompany the comprehensive policy, including defined goals and objectives, a timeline for their achievement, allocation of responsibilities for the plan's implementation and measurable indicators for its monitoring and evaluation. For this purpose, governments should seek, when appropriate, the cooperation of appropriate international organizations and other agencies. The plan should be compatible with, and form an integral part of, all other activities designed to contribute to optimal infant and young child nutrition.

36. Adequate *resources* – human, financial and organizational – will have to be identified and allocated to ensure the plan's timely successful implementation. Constructive dialogue and active collaboration with appropriate civil-society groups working for the protection, promotion and support of optimal feeding practices will be particularly important in this connection. Support for epidemiological and operational research is also a crucial component.

### **Civil society**

37. Identifying specific responsibilities within civil society – crucial complementary and mutually reinforcing roles – for protecting, promoting and supporting optimal feeding practices is something of a new departure. Groups that have an important role in advocating the rights of women and children and in creating an environment supportive of optimal infant and young child feeding practices can work singly, together and with governments and international organizations to improve the situation by helping to remove both cultural and practical barriers to appropriate feeding practices.

### **Health professional bodies**

38. Health professional bodies, which include medical faculties, schools of public health, public and private institutions for training health workers including midwives and nurses, and professional associations, should have the following main responsibilities:

- ensuring that basic education, training and continuing education for all health workers cover lactation physiology, exclusive and continued breastfeeding, complementary feeding, feeding in difficult circumstances, meeting the nutritional needs of infants who have to be fed on breast-milk substitutes, and the International Code of Marketing of Breast-milk Substitutes and the legislation and other measures adopted to give effect to it;
- providing skilled support for exclusive and continued breastfeeding, and appropriate complementary feeding by all neonatal, paediatric, reproductive health, nutritional and community health services;



- promoting achievement and maintenance of “baby-friendly” status by maternity hospitals, wards and clinics, consistent with the “Ten steps to successful breastfeeding”<sup>1</sup> and the principle of not accepting free or low-cost supplies of breast-milk substitutes, feeding bottles and teats;
- observing, in their entirety, their responsibilities under the International Code of Marketing of Breast-milk Substitutes and subsequent relevant Health Assembly resolutions, and national measures adopted to give effect to both;
- encouraging the establishment and recognition of community support groups and referring mothers to them.

### **Nongovernmental organizations**

39. The aims and objectives of a wide variety of nongovernmental organizations operating locally, nationally and internationally include promoting the appropriate food and nutrition needs of young children and families. Charitable and religious organizations, consumer associations, mother-to-mother support groups, family clubs, and child-care cooperatives all have multiple opportunities to contribute to the implementation of this strategy through, for example:

- providing their members accurate, up-to-date information about infant and young child feeding;
- integrating skilled support for infant and young child feeding in community-based interventions and ensuring effective linkages with the health care system;
- contributing to the creation of mother- and child-friendly communities and workplaces that routinely support optimal infant and young child feeding;
- working for full implementation of the principles and aim of the International Code of Marketing of Breast-milk Substitutes and subsequent relevant Health Assembly resolutions.

### **Community-based support groups**

40. Parents and other caregivers are most directly responsible for feeding children. Ever keen to ensure that they have accurate information to make appropriate feeding choices, parents nevertheless are limited by their immediate environment. Since they may have only infrequent contact with the health care system during a child’s first two years of life, it is not unusual for caregivers to be more influenced by community attitudes than by the advice of health workers.

41. Additional sources of information and support are found in a variety of formal and informal groups, including breastfeeding-support and child-care networks, clubs and religious associations. Community-based support, including that provided by other mothers, lay and peer breastfeeding counsellors and certified lactation consultants, can effectively enable women to feed their children optimally. Most communities have self-help traditions that could readily serve as a base for building or expanding suitable support systems that could help families to feed their infants optimally.

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<sup>1</sup> Protecting, promoting and supporting breastfeeding: the special role of maternity services. A joint WHO/UNICEF statement, Geneva, WHO, 1989.

### Commercial enterprises

42. Manufacturers and distributors of processed foods intended for infants and young children also have a constructive role to play in achieving the aim of this strategy. They should ensure that processed food products for infants and children, when sold, meet applicable Codex Alimentarius standards. In addition, all manufacturers and distributors of products within the scope of the International Code of Marketing of Breast-milk Substitutes, including feeding bottles and teats, are responsible for monitoring their marketing practices according to the principles and aim of the Code. They should ensure that their conduct at every level conforms to the Code, subsequent relevant Health Assembly resolutions, and national measures that have been adopted to give effect to both.

### Other groups

43. Many other components of civil society have potentially influential roles in promoting good feeding practices. These elements include:

- **education authorities**, which help to shape the attitudes of children and adolescents about infant and young child feeding – accurate information should be provided through schools and other educational channels to promote greater awareness and positive perceptions;
- **mass media**, which influence popular attitudes towards parenting, child care and products within the scope of the International Code of Marketing of Breast-milk Substitutes – their information on the subject should be accurate, up to date, objective, and consistent with the Code's principles and aim;
- **employers**, who should ensure that maternity entitlements of all women in paid employment are met, including breastfeeding breaks or other workplace arrangements – for example facilities for expressing and storing breast milk for later feeding by a caregiver – in order to facilitate breast-milk feeding once paid maternity leave is over;
- **trade unions**, which have a direct role in negotiating adequate maternity entitlements and security of employment for women of reproductive age;
- **child-care facilities**, which permit working mothers to care for their infants and young children, should support and facilitate continued breastfeeding and breast-milk feeding.

### International organizations

44. International organizations should place infant and young child feeding high on the global public health agenda in recognition of its central significance for realizing the rights of children and women; they should serve as advocates for increased human, financial and institutional resources for the universal implementation of this strategy; and, to the extent possible, they should provide additional resources for this purpose.

45. Specific contributions of international organizations to facilitate the work of governments include the following:

*Developing norms and standards*

- developing evidence-based guidelines to facilitate achievement of the strategy's operational targets;
- supporting epidemiological and operational research;
- promoting the consistent use of common global indicators for monitoring and evaluating child-feeding trends;
- developing new indicators, for example concerning adequate complementary feeding;
- improving the quality and availability of global, regional and national data;

*Supporting national capacity-building*

- sensitizing and training health policy-makers and health service administrators;
- improving health worker skills in support of optimal infant and young child feeding;
- revising related pre-service curricula for doctors, nurses, midwives, nutritionists, dietitians, auxiliary health workers and other groups as necessary;
- planning and monitoring the Baby-friendly Hospital Initiative and expanding it beyond the maternity-care setting;

*Supporting policy development and promotion*

- supporting social-mobilization activities, for example using the mass media to promote optimal infant feeding practices and educating media representatives;
- advocating ratification of ILO Maternity Protection Convention 2000 No. 183 and application of Recommendation 2000 No. 191, including for women in atypical forms of dependent work;
- urging implementation of the International Code of Marketing of Breast-milk Substitutes and subsequent relevant Health Assembly resolutions, and providing related technical support on request.

**CONCLUSION**

46. This strategy describes essential interventions to protect, promote and support optimal infant and young child feeding. It focuses on the importance of investing in this crucial area to ensure that children develop to their full potential, free from the adverse consequences of compromised nutritional status and preventable illnesses. The strategy focuses on the roles of critical partners – governments, civil society and international organizations – and assigns specific responsibilities for each to ensure that the sum of their collective action will contribute to the full attainment of the strategy's aim and objectives. It builds on existing approaches, extended where necessary, and provides a framework for linking synergistically the contributions of multiple programme areas, including nutrition, child health

and development, and maternal and reproductive health. The strategy now needs to be translated into action.

47. There is convincing evidence from around the world that governments, with the support of civil society and the international community, are taking seriously their commitments to protect and promote the health and nutritional well-being of infants, young children, and pregnant and lactating women.<sup>1</sup> One of the enduring tangible results of the International Conference on Nutrition, namely the World Declaration on Nutrition, offers a challenging vision of a world transformed. Meanwhile, its Plan of Action for Nutrition charts a credible course for achieving this transformation.<sup>2</sup>

48. In the decade since its adoption, 159 Member States (83%) have demonstrated their determination to act by preparing or strengthening their national nutrition policies and plans. More than half (59%) have included specific strategies to improve infant and young child feeding practices. This encouraging result needs to be consolidated, and expanded to include *all* Member States, even as it is reviewed and updated to ensure that it takes full account of the present comprehensive agenda. Clearly, however, much more is required if the aim and objectives of this strategy – and present and future feeding challenges – are to be met.

49. This global strategy provides governments and society's other main agents with both a valuable opportunity and a practical instrument for rededicating themselves, individually and collectively, to protecting, promoting and supporting safe and adequate feeding for infants and young children everywhere.

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<sup>1</sup> Document EB109/11.

<sup>2</sup> *World Declaration and Plan of Action for Nutrition*. International Conference on Nutrition, Rome, FAO and WHO, 1992.