SIGNIFICANCE AND IMPACT OF 'COMPLEMENTARY FEEDING IN EARLY CHILDHOOD DEVELOPMENT'

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Webinar on Nutritional Security and Care of Children
Observance of Government of India Rashtriya Poshan Maah -

2020

Organized By:

Shanthi Ashram Coimbatore 08.09.2020(3.00pm- 4.30 Pm



EMINENT SCIENTISTS IN FOOD SCIENCE, NUTRITION AND AGRICULTURE













Dr. C Gopalan (1918 - 2019)

Dr. Rajammal P Devdas (1919 - 2002)

Mr. MS Swaminathan (1925 -)

What is Early Childhood?

- Early Childhood (2 years to 6 years)
- Is a critical period in the development of the human potential.
- It is the period of the development of initiative.
- It is also referred to as preschool age.



Early Childhood

 Infancy & Early Childhood are important stages in Brain development





 0-6 years Children develop necessary skills for physical, cognitive & social development

 Early education plays a crucial role during this developmental period





 Early Childhood Education makes a positive impact & gives the Child a head start towards a bright future

Patterns of Growth



SEVEN STAGES OF EARLY CHILDHOOD DEVELOPMENT



The first four years of a child's life are the most important period of development physically, emotionally, cognitively, socially and morally. This is a guide to what you might

expect in their first four years - often called developmental 'milestones'.



3 Months

- · Turns head toward direction of sound
- · Recognizes familiar faces and smiles back
- · Follows moving objects
- · Watches faces with interest
- Raises head and chest while lying on stomach
- · Brings hand to mouth
- Takes swipes at dangling object with hands
- · Begins to babble and imitate some sounds

6 Months

- · Responds to other people's emotions
- Enjoys social plays/games (especially peek-a-boo)
- · Struggles for out of reach objects Uses voice to express pleasure and displeasure
- · Interested in mirror images
- · Responds to their own
- · Babbles chain of sounds Rolls both ways (front to back, back to front)
- Sits with, and then without support on hands

1 Year

- Pulls up to stand, Walks holding onto furniture
- Tries to imitate during play (like winking when you wink or clapping when you clap)
- Explores objects: finds hidden objects and begins to use objects correctly (drinking from cup, brushing hair, dialing phone, listening to receiver)
- Uses simple gestures like shaking head to say 'NO' or waving to say 'BYE BYE'
- May speak single words like "Mama" and "Dada"
- · Cries when Mother or Father leaves
- Babbles with inflection (changes in tone)
- Uses exclamations, such as "oh - oh!"
- Pokes index finger

2 Years

- Excited about the company of other children
- · Begins to sort by shapes and colors; starts simple make-believe play
- Follows simple instructions; recognizes names of familiar people
- Walks without help; plays pretend (like talking on a toy phone)
- · Points out at theobjects, when you name it (like toy or photo)
- · Imitates behavior of others, especially adults and older children
- Uses 2-4 word sentences

Repeats word overheard in conversation

 Pulls toys behind him/her while walking

0

EVERY CHILD DEVELOPS DIFFERENTLY



3 Years

- Imitates adults and playmates
- Shows affection for playmates/friends
- Sorts objects by shape and colors; and matches objects to pictures
- · Plays make-believe with dolls, animals and people (like feeding a doll)
- Uses pronouns (I, you, me) and sometimes plurals too (cars, dogs)
- Uses simple phrases or micro sentences to communicate with others
- · Understands concept of 'mine' and 'his/hers'
- · Expresses wide range of emotions
- Walks up and down stairs, alternating feet (one foot per stair step)
- Runs easily and pedals tricycle
- Starts to make friends



4 Years

- Follows three-step commands (like wash your hands, comb your hair)
- · Draws circles and squares
- Speaks in sentences of 5-6 words; Speaks clear enough for outsiders to understand
- Names some colors: understands counting
- Shares and take turns with other children
- · Knows the difference between boys and girls
- · Enjoys humor (like laugh at silly faces or voices)
- Brushes his/her teeth by self
- Dresses and undresses without help except for shoelaces
- Pretends by role playing
- Knows opposite (hot/cold, big/small)

Your Child's Early Development is a Journey

Check off the milestones your child has reached and share your child's progress with the doctor at every visit.



WORLD ALLIANCE FOR BREASTFEEDING ACTION (WABA)



- The World Alliance for Breastfeeding Action (WABA) was formed on 14 February, 1991.
- World Alliance for Breastfeeding Action (WABA) is a global network of individuals and organisations dedicated to the protection, promotion and support of breastfeeding worldwide.
- WABA is in consultative status with UNICEF and an NGO in Special Consultative Status with the Economic and Social Council of the United Nations (ECOSOC).

Vision

To achieve a world where breastfeeding is the cultural norm, where mothers and families are enabled to feed and care optimally for their infants and young children thus contributing to a just and healthy society.



To protect, promote and support breastfeeding worldwide in the framework of the Innocenti Declarations (1990 and 2005) and the Global Strategy for Infant and Young Child Feeding through networking and facilitating collaborative efforts in social mobilisation, advocacy, information dissemination and capacity building.



Goal

To foster a strong and cohesive breastfeeding movement, which will act on the various international instruments to create an enabling environment for mothers, thus contributing to increasing optimal breastfeeding and infant and young child feeding practices.

BREASTFEEDING

Breastfeeding is the feeding of an infant or young child with breast milk directly from female breasts (i.e. via lactation).

It is the normal way of providing young infants with the nutrients they need for healthy growth and

development.



BENEFITS OF BREASTFEEDING

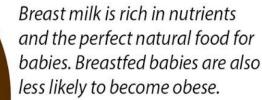
For Mom

WWW.GENMEDICARE.COM

For Baby



Mothers who are breastfeeding burn extra calories each day, helping them return to their pre-pregnancy weight quicker.







Women who breastfeed have lower rates of developing breast and ovarian cancer. Antibodies in breast milk help babies fight off viruses and bacteria, while protecting them from various infections.





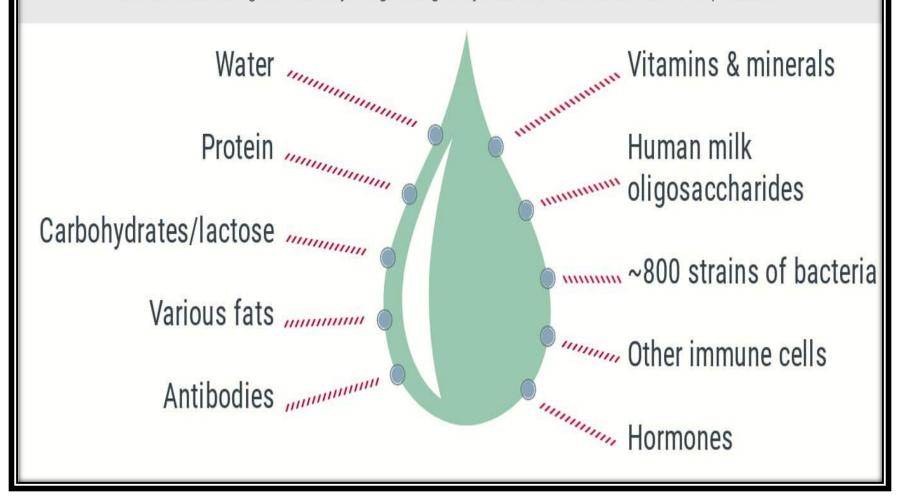
Reduces the risk of postpartum depression and creates a unique bonding experience for mom and baby.

Children who were breastfed as babies have lower risks of developing ear infections, respiratory infections, allergies, and diabetes.



Breast milk composition

Breast milk changes to meet your growing baby's needs! These are some components:



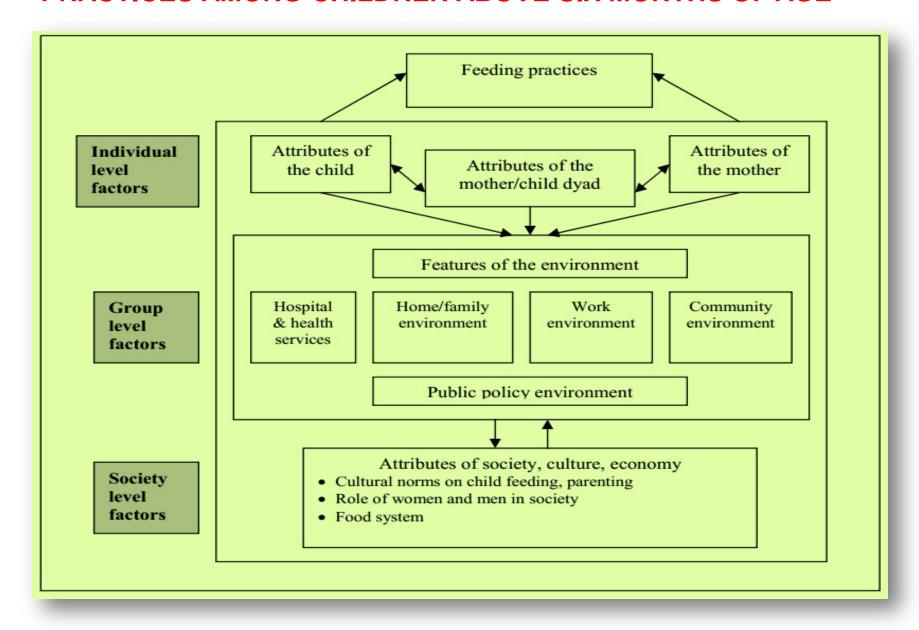
WHAT IS COMPLEMENTARY FEEDING?

The process starting when breast milk alone is no longer sufficient to meet the nutritional requirements of infants, and therefore other foods and liquids are needed, along with breast milk. The transition from exclusive breastfeeding to family foods - referred to as complementary feeding - typically covers the period from 6-24 months of age, even though breastfeeding may continue to two years of age and beyond. This is a critical period of growth during which nutrient deficiencies and illnesses contribute globally to higher rates of under nutrition among children under five years of age.





CONCEPTUAL FRAMEWORK OF DETERMINANTS OF FEEDING PRACTICES AMONG CHILDREN ABOVE SIX MONTHS OF AGE



Why Start at Six Months-



- Infant's intestinal tract develops immunologically with defense mechanisms to protect the infant from foreign proteins.
- The infant's ability to digest and absorb proteins, fats, and carbohydrates, other than those in breast milk increases rapidly.
- The infant's kidneys develop the ability to excrete the waste products.
- The infant develops the neuromuscular mechanisms needed for recognizing and accepting variation n the taste and color of foods.

What are Signs that the Baby is ready for Complementary feeding

- Holds his/her head straight when sitting down
- Opens his/her mouth when others eat
- Is interested in foods when others eat
- Receives frequent breastfeeds but appears hungry soon after > Is not gaining weight adequately



The Continuum of Infant and Child Feeding

0-6 mo

6-9 mo

9-12 mo

12-24 mo

·Exclusive BF

- Initiate breastfeeding soon after birth
- Feed colostrum
- Avoid prelacteal feeds
- ·Avoid bottlefeeding

·Continue BF

- Introduce variety of CF, including animal foods
- •Feed CF foods 2-3 times/d + snacks

·Avoid bottlefeeding

·Continue BF

- Increase amount, variety, frequency of CF, including animal foods
- ·Feed complementary foods 3-4 times/d + snacks
- Avoid bottlefeeding

·Continue BF

- ·Continue to give a variety of foods, complete transition to family diet
- ·Feed complementary foods 3-4 times/d + snacks
- ·Avoid bottlefeeding

Practice safe complementary feeding







































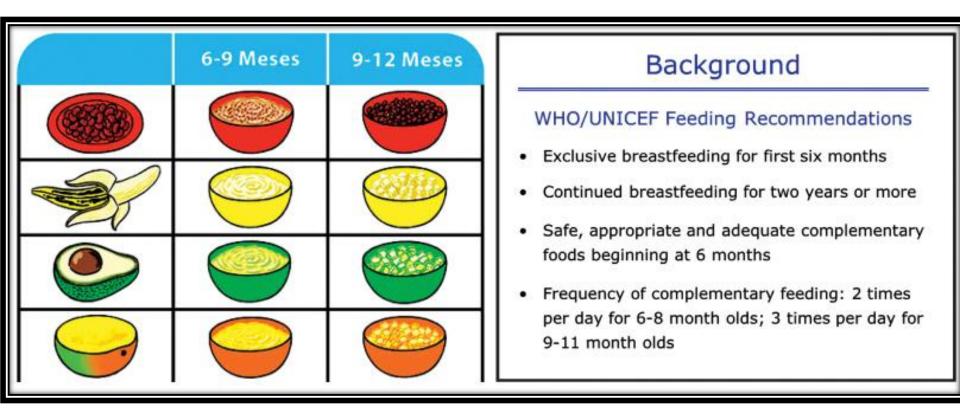








RECOMMENDATIONS



- Infants should be exclusively breastfed for the first six months of life to achieve optimal growth, development and health.
- Thereafter, to meet their evolving nutritional requirements, infants should receive nutritionally adequate and safe complementary foods, while continuing to breastfeed for up to two years or beyond.



To avoid choking, it is crucial that your child is developmentally ready in terms of his oral-motor skills (mouth patterns) as well as hand and body control. These determine when to introduce solids, different textures, and how the feeding is done.

The table below illustrates the recommended textures and examples of food for estimated ages and the necessary oral-motor skills to handle a given texture.

When Child can:	Estimated Age	Texture	Description	Serve:
Suck and swallow. Able to take food from spoon with lips.	6 months onwards (breastfeed exclusively up to 6 months, unless special cases).	Thin puree	Use strainer/ blender and blend to a paste (add liquid for thinner consistency).	Infant cereal, strained meat, pureed vegatables and fruits.
 Suck and swallow. Able to take food from spoon with lips. Swallow thickened puree and not gag. 	6 months onwards (breastfeed exclusively up to 6 months, unless special cases).	Thick puree	Food forms a thicker consistency or heavy mash (without lumps).	Blended meats, pureed vegetables and fruits.
 Swallow without gagging. Close lips while swallowing food. Remove food from spoon with lips. Up-and-down munching movement. 	6 to 7 months onwards	Mashed	Food is blended or mashed with a fork (still retains some texture and consistency)	Mashed potatoes, carrots, sweet potatoes, pumpkin, bananas and other soft fruits such as papaya, mango, egg yolk.
Begin to chew in rotary pattern.	8 months onwards	Ground	Food ground in food chopper, not blender (should be easy to chew).	Crumbled or ground meat, scrambled eggs, pieces of soft bread, crackers broken into small pieces.
 Side-to-side tongue movement. Vertical and diagional jaw movement, with enough strength to break up the food. 	10 to 11 months onwards	Chopped	1/4 to 1/2 inch in size.	Meat, vegetables and fruits.
 Close lips and keep food in mouth. Bite through food. Enough jaw strength to grind. 	10 to 11 months onwards	Regular size	Cut up food or leave it whole.	All foods. (family meals can be served from 12 months onwards)



















TYPES OF COMPLEMENTARY FOODS



LIQUID SUPPLEMENTS



SOUP FROM GREEN LEAFY VEGETABLES



MILK



FISH LIVER OIL



CEREALS AND STARCHY GRUELS



MASHED VEGETABLES

SOLID SUPPLEMENTS MASHED WELL BEFORE FEEDING



MASHED FRUITS



MASHED EGG



PROCESSED FOOD-PASTA



BUSCUITS



IDLI

SOLID SUPPLEMENTS UNMASHED



IDIYAPPAM



BREAD

SATHU MAAVU POWDER







Can home-made recipes be nutritious supplements?

Low-cost food supplements can be prepared at home from commonly used ingredients such as cereals (wheat, rice, ragi, jowar, bajra, etc.); pulses (grams/ dhals), nuts and oilseeds (groundnut, sesame, etc.), oils (groundnut oil, sesame oil etc.) and sugar and jaggery. Such supplements are easily digested by all infants, including those with severe malnutrition.



LOW COST SUPPLEMENTARY FOODS DEVELOPED IN INDIA

Name of the Product	Composition
India multipurpose food (C.F.T.R.I)	Low fat groundnut flour and bengal gram flour (75: 25) fortified with vitamin A and D ₁ ,B ₁ , B ₂ and calcium carbonate. Contains 42 percent protein
Malt food (C.F.T.R.I)	Cereal Malt, low fat groundnut flour, roasted bengal gram flour (40:40:20) fortified with vitamins and calcium salts. Contains 28 per cent proteins
Balahar (C.F.T.R.I)	Whole wheat flour, ground nut flour and roasted bengal gram flour (70:20:10) fortified with calcium salts and vitamins. Contains 20 per cent proteins
Supplementary food (N.I.N)	Roasted wheat flour, green gram flour, groundnut and sugar or jaggery (30:20:8:20)contains 12.5 per cent proteins
Supplementary food (A.H.S.C.W) Kuzhandai Amudhu	Roasted Maize flour , green gram flour, roasted groundnut and jaggery (30:20:10:20) contains 14.4 per cent proteins
Win food (Gandhigram Rural Institute)	Pearl millet, green gram dal, ground nut flour, and jaggery (50:15::25:25) contains 20 per cent proteins

Conti...

Name of the Product	Composition
India multipurpose food (C.F.T.R.I)	Rice flour, ragi flour, bengal gram flour, sesame flour groundnut flour and jaggery (15:15:10:20:25) Contains 14 per cent protein
Poshak	Cereal (wheat, maize, rice or jowar) pulse (channa dal or green gram dal) and oil seeds (groundnut) and jaggery (4:2:1:2)
Poshak (least cost weaning mix)	Same ingredients as poshak but in the proportion of 60:17:14:9
Kerala indigenous food (KIF)	Tapioca, Bulgar wheat and groundnut (25:50:25)

COMPLEMENTARY FEEDING GUIDE

- Practice exclusive breast feeding from birth up to 6months and introduce complementary feeding after 6 months of age.
- Continue frequent on demand breast feeding until 2 years of age.
- Feed infant slowly and patiently and encourage them to eat but do not force them.
- Practice good hygiene and proper food handling to reduce the risk of diarrhoea.
- Start with small amounts of food and increase the quantity as child gets older.
- Gradually increase food consistency and variety as the child grows older.

Conti...

- Increase the number of times the child is fed complementary food, as the child gets older.
- Feed a variety of nutrient rich foods to ensure that all needs are met.
- Give micronutrient rich complementary foods or vitamin and mineral supplements to the infant as needed.
- It is advisable to start one or two teaspoons of new food at first which should be given when baby is hungry, just before regular feeding, during the day time.

Benefits of optimal complementary feeding (timely, adequate, appropriate and safe)

- Less likely to die
- Less diarrhoea and respiratory infections
 - Improved cognitive development
- Improved productivity and economic status

- Optimal growth
 - Prevention of stunting and acute malnutrition
- Prevention of overweight/obesity
 - Less risk of anemia
- Less risk of zinc and other micronutrient deficiencies

Better psychosocial development

INTEGRATED CHILD DEVELOPMENT SERVICES (ICDS)

- ➤ The Integrated Child Development Services (ICDS) scheme is a government initiative for the all-round development (health, nutrition and education) of children under six years.
- Its aim is to reduce infant mortality, child malnutrition and to provide pre-school education.

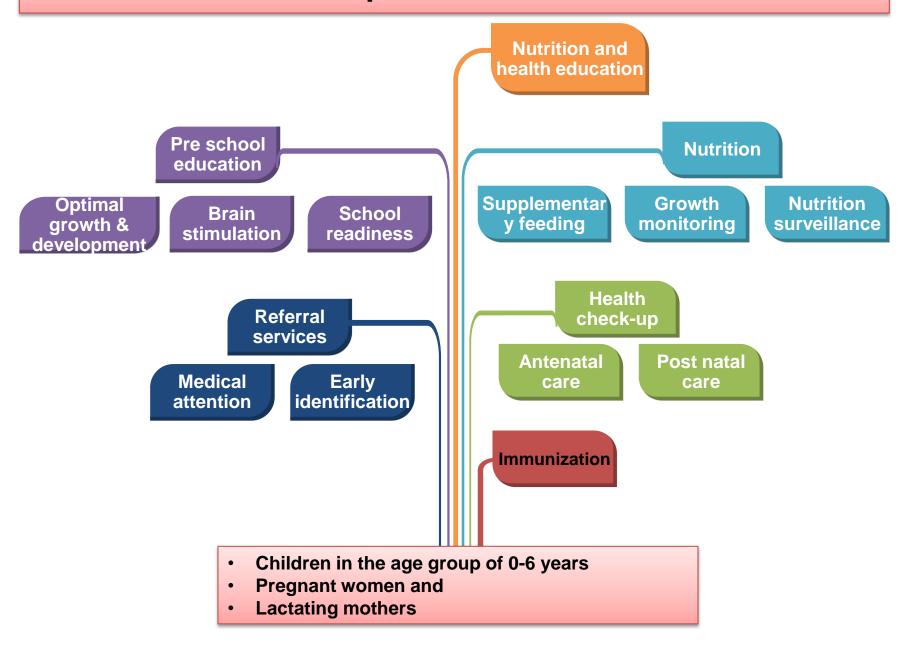


OBJECTIVES OF ICDS

- Improve the nutritional and health status of children in the age-group of 0-6 years
 - 2 Lay the foundation for proper psychological, physical and social development of the child
 - Reduce the incidence of mortality, morbidity, malnutrition and school dropout
 - Achieve effective co-ordination of policy and implementation amongst various departments to promote child development
 - Enhance the capability of the mother to look after the normal health and nutritional needs of the child through proper nutrition and health education

5

Components of ICDS



Complementary Food containing amylase activity- under Supplementary Nutrition Programme

	_	
Category	Quantity of Complimentary food being provided per day (Grams)	
Children 6 months - 2 years	150	11111111
Children 6 months - 2 years (Severely malnourished)	240	THE
Children 2 - 3 years	130	
Children 2 - 3 years (Severely malnourished)	190	١
Children 3 - 5+ years	10	9
Children 3 - 5+ years (Severely malnourished)	100	1111
Pregnant Women and Nursing Mothers	160	
Adolescent Girls (11 - 14 years Out of School)	130	Value of the last





Source- http://icds.tn.nic.in

COMPOSITION OF COMPLEMENTARY FOOD CONTAINING AMYLASE ACTIVITY

Item No.	Particulars	Kgs
1.	Wheat/Maize/Bajra(kambu) Flour	52
2.	Malted Ragi Flour	5
3.	Bengal Gram Dhal Flour	12
4.	Powdered jaggery	30
5.	Minerals and Vitamins	1
	Total	100

PER HEAD COST AND BENEFITS OF THE COMPLEMENTARY FOOD

Category	Quantity of complementary food provided per day (gm)	Cost per beneficiary per day (₹)	Protein (min) (gm)	Energy (min) (kcal)
Children 6-36 months	130	6.5	11	455
Children 6-36 months (severely malnourished)	190	9.5	16	665
Pregnant women and nursing mothers	160	8	13.5	560

Note: ₹I = I pence and I gram = 0.002 pounds

Source: Department of Social Welfare and Nutritious Meal Programme, Government of Tamil Nadu

RECOMMENDED DIETARY ALLOWENCES

Recommended Dietary Allowances for Indians (Macronutrients and Minerals)

Group	Particulars	Body weight kg	Net Energy Kcal/d	Protein g/d	Visible Fat g/day	Calcium mg/d	Iron mg/d
Woman	/oman Pregnant woman		+350	+23	30	1200	35
	Lactation 0-6 months		+600	+19	30	1200	21
	6-12 months 0-6 months	5.4	+520 92 Kcal/kg/d	+13 1.16 g/kg/d	30		46 µg/ kg/day
Infants	6-12 months	8.4	80 Kcal/kg/d	1.69 g/kg/d	19	500	5
	1-3 years	12.9	1060	16.7	27		09
Children	4-6 years	18	1350	20.1	25	600	13

Recommended Dietary Allowances for Indians (Vitamins)

Group	Perticulers	Vit. Amg/d		Thigmin	Riboflavia	Hisch	Pyridoxin	Ascorbic	Dietary	VR.Bu	Mognesium	Zinc
		Refinol	b-carotene	mgld	mgld	eq uivalent regid	mgld	add mgld	fo late mg/d	ng/d	mgld	mgld
Woman	Pregnantwoman	900	6400	+0.2	+0.3	+2	2.5	60	500	1,2	310	
	Lactation 0-6 months	950	7600	+0.3	+0.4	+4	2,5	80	300	1.5		12
	6-12 months			+0.2	+0.3	+3	2.5					
Infants	0-6 months		-	0.2	0,3	71 0ng/kg	0.1	- 25	25	0.2	30	-
	6-12 months	350	2800	0.3	0.4	650ng/kg	0.4				45	-
Children	1-3y ears	400	3200	0,5	0.6	8	0.9		80		50	5
	4-6 years			0.7	0.8	11	0.9	40	100		70	7

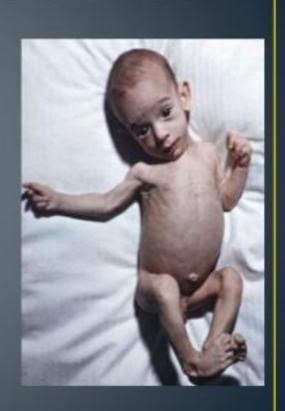
NATIONAL FAMILY HEALTH SURVEY FINDINGS (2015-16) IN RURAL INDIA

- nearly every third child below five years is undernourished
- 35.7% underweight,
- 38.4% stunted growth,
- 21.0% wasted muscle, and every second child is anemic (58.5%).
- More than half the women in 15-49 years age group suffer from anemia due to iron deficiency.
- Niti Ayog in 2017 estimated that among women, 22.9% have low body mass index due below 18.5 indicating chronic energy deficiency.
- Global Nutrition Report 2018 says that India accounts a third of the World's stunted children with 46.6 million stunted children.
- With a Global Hunger Index (GHI) score of 30.3, India still suffers from a serious level of hunger and malnutrition that leads to lower adult economic productivity.
- It is estimated that reducing malnutrition could add about 3% to India's Gross Domestic Product (GDP).

NUTRITIONAL PROBLEMS IN INDIA

PROTEIN ENERGY MALNUTRITION

- Protein-energy malnutrition (or protein-calorie malnutrition) refers to a form of malnutrition where there is inadequate protein and calorie intake
- It is considered as the primary nutritional problem in India
- PEM is due to the "food gap" between the intake and requirement
- Causes childhood morbidity and mortality



PROTEIN ENERGY MALNUTRITION



KWASHIORKOR

MARASMUS

MARASMIC -KWASHIORKOR

CAUSES AND RISK FACTORS

- ✓ Inadequate intake of food
- ✓ Diarrhea
- ✓ Respiratory infections
- ✓ Measles
- ✓ Intestinal worms
- ✓Infants and pre schoolers

CONTRIBUTORY FACTORS

- ✓Poor envt. Hygiene
- ✓Large family size
- √Poor maternal health
- √ Failure of lactation
- ✓Premature termination of breast feeding
- ✓ Delayed supplementary feeding
- Use of over diluted cow's milk

KWASHIORKOR

Kwashiorkor is the most common and widespread nutritional disorder in developing countries. It is a form of malnutrition caused by not getting enough protein in the diet.



MARASMUS

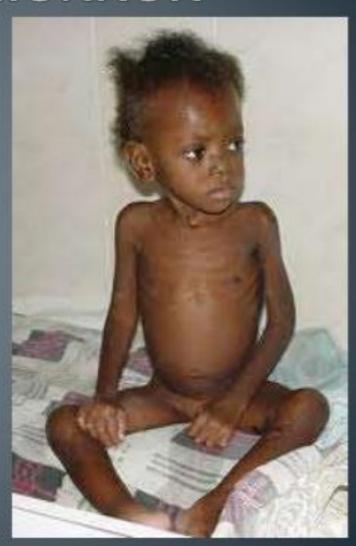
- Marasmus is a severe form of malnutrition that consists of the chronic wasting away of fat, muscle, and other tissues in the body.
- Malnutrition occurs when the body does not get enough protein and calories.
- This lack of nutrition can range from a shortage of certain vitamins to complete starvation.



MARASMIC KWASHIORKOR

A malnutrition disease, primarily of children, resulting from the deficiency of both calories and protein.

The condition is characterized by severe tissue wasting, dehydration, loss of subcutaneous fat, lethargy, and growth retardation



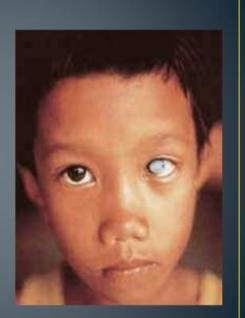
VITAMIN A DEFICIENCY

Overweight and obesity are defined as abnormal or excessive fat accumulation that presents a risk to health. A crude population measure of obesity is the body mass index (BMI), a person's weight (in kilograms) divided by the square of his or her height (in meters). A person with a BMI of 30 or more is generally considered obese. A person with a BMI equal to or more than 25 is considered overweight.

XEROPHTHALMIA

Xerophthalmia i.e., dry eyes refers to all the ocular manifestations of vitamin A deficiency in man

It is the most widespread and serious nutritional disorder leading to blindness



RISK FACTORS

- ✓ Poor SE status
- √ Faulty feeding practices
- ✓ Weaning
- **√PEM**
- ✓ Infections
- √1-3 years

<u>CLINICAL FEATURES</u>

- √Corneal ulcers
- √Softening of cornea
- √Keratomalacia
- √Bitot spot



NUTRITIONAL ANEMIA

Nutritional anemia is a condition where the hemoglobin content of blood is lower than normal as a result of a deficiency of one or more essential nutrients, regardless of the cause of such deficiency.

Anemic Mildly Anemic Mildly Anemic

Non-Anemic Non-Anemic

RISK FACTORS

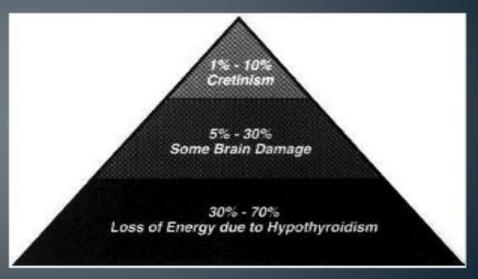
- Infants and children
- Pregnant women
- Pre menopausal women
- Adolescent girls
- Older adults
- Alcoholism
- Chronic/ critically ill
- Excessive exercise

CAUSES

- Inadequate diet
- Insufficient intake of iron
- Iron malabsorption
- Pregnancy
- Excessive menstrual bleeding
- Hook worm infestation
- Malaria
- Close birth intervals
- GI bleed

IODINE DEFICIENCY DISORDERS (IDD)

IDD leads to a much wider spectrum of disorders commencing with the intrauterine life and extending through childhood to adult life with serious health and social implications



DISORDERS

- ➢ Goiter
- ➤ Hypothyroidism
- ➤ Subnormal intelligence
- Delayed motor mileston
- ➤ Mental deficiency
- Hearing defects
- ➤Speech defects
- ➤ Mental retardation
- ➤ Neuromuscular weakne
- Endemic cretinism
- Intrauterine death

lodine Deficiency Disorders







Cretinism

POSHAN Abhiyaan

will promote positive behaviour change towards infant & young child feeding practices.

- Early initiation of breastfeeding within an hour after birth
- Exclusive breastfeeding for the first 6 months
- Complementary feeding from 6 months, along with breastfeeding up to 2 years



Ministry of Women and Child Development

Rashtriya Poshan Maah

Complementary Feeding

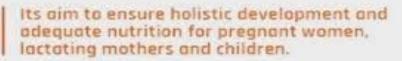
To ensure attainment of malnutrition free India by 2022

The entire month of September

will be celebrated as the Rashtriya Poshan Maah

Prime Minister Narendra Modi introduced the Scheme POSHAN Abhiyaan





The Ministry of Women & Child Development (MWCD) is implementing POSHAN Abhiyaan.

315 Districts in 1st year 235 Districts in 2nd year Remaining districts in the 3rd year

www.excelinst.org



POSHAN KE PAANCH SUTRA



5 COMPONENTS OF POSHAN MAAH 2019

JOURNEY OF THE FIRST 1000 DAYS OF A CHILD

ANEMIA MUKT BHARAT





DIARRHOEA PREVENTION

WASH - (WASH, SANITATION & HYGIENE)



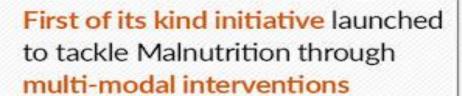


PAUSHTIK

Building a Healthy India

POSHAN
Abhiyaan to
Ensure Proper
Nutrition





Target to reduce Malnutrition through Convergence, Use of Technology & a Targeted approach

Poshan Maah 2020: 01st - 30th September, 2020





THEMES FOR POSHAN **MAAH 2020**

Identification and tracking of children suffering Severe **Acute Malnutrition (SAM)**

Plantation drive for promotion of Poshan Vatika (Nutri-Garden)

Rashtriya Poshan Maah 2020 aims to create digital mobilization across the country for improving **Nutrition indicators.**

MWCD is responsible for coordinating the conduct of various activities with Partner Ministries under Convergence.

> Activate Windows Go to PC settings to activat

Identification, Referral and Management of Children Suffering Severe Acute Malnutrition (SAM)

Poshan Maah 2020

(01st - 30th September, 2020)

& Beyond



A Step Towards 'Kuposhan Mukt Bharat'

Go to PC settings to activate

What is Severe Acute Malnutrition

- Severe Wasting as a recent occurrence
- Severe Acute Malnutrition (SAM) is defined by:
 - Very low weight-for-height / length (Zscore below - 3 SD)
 - By visible severe wasting
 - By the presence of nutritional oedema
- According to NFHS-4 (2015-2016) about 7.5% of the Children under 5 years are severely wasted (weight-for-height)

CAUSES INCLUDE

- Inadequate food intake
- Incorrect feeding practices
 - Disease
- Infection
- More frequently, a combination of these factors





Community Support-Mother's Education

MOTHER'S EDUCATION:

- A mother can build 'Kuposhan Mukt Bharat'
- Once every week, Anganwadi Worker to reach mother of children suffering SAM
- Knowledge to be given on:
 - Nutrition
 - Feeding practices
 - Services available
 - Local Officials (AWW etc.)
- Importance of growth monitoring, symptoms of malnutrition
- Shall be done in once in every week-Anganwadi Worker to reach mother of children suffering SAM



Community Support-Poshan Panchayat

POSHAN PANCHAYAT:

- 4 Poshan Panchayats in Poshan Maah
- Discussion on malnutrition situation within the Panchayat
- Whether all children suffering SAM are detected
- Measures taken for the children suffering SAM
- Nutrition being provided to the children suffering SAM
- Required physical, infrastructural and social support for the mothers
- Existing VHSNC set-up to be used
- Appreciation of Triple 'A'(AWW/ASHA/ANM)



Poshan Vatika (Nutri-Garden)

- Creation of micro-nutri environment in every village
- Usage of space in AWCs, panchayat area, vacant lands of village etc.
- Cultivation of vegetables, fruits, important herbs etc.
- Convergence with Innovation funds
 / MGNREGA / Untied funds /
 Finance commission funds etc./
 Seeds from Agriculture Dept





















KITCHEN GARDENS





Roof Kitchen Garden Of Green Leafy Vegetables Maintained By SHG Women

























CORONA VIRUS

COVID - 19



Regularly wash hands before and after touching and feeding the baby.



Continue breastfeeding and give your child, if 06-months or older, additional food such as porridge, egg, fruits, vegetables at least three to five times a day.



Increase breastfeeding and complementary feeding during and after illness.

If your child has illness, continue feeding your child as before to avoid malnutrition and seek medical advice for care and referral.







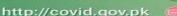














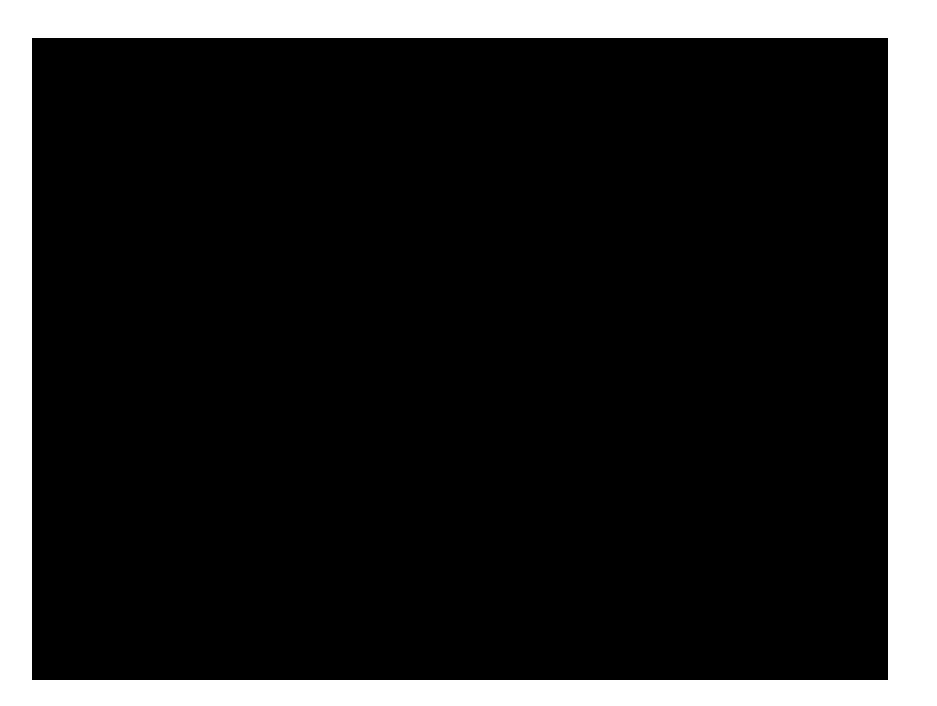


INTERNATIONAL=

Likeracy Day



8TH SEPTEMBER





Credits: Abhirami Sivaprasad, PhD Scholar, AIHS&HE