

# IIHMR UNIVERSITY SUMMER TRAINING AT SEVA MANDIR, UDAIPUR



## TARGET GROUP

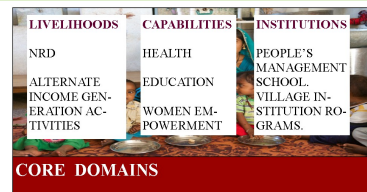
- MOST PEOPLE LIVE ON LESS THAN Rs20 PER DAY.
- 43% OF CHILDREN OUT OF SCHOOL



## SEVA MANDIR

AN NGO, FOUNDED IN 1968 & BASED IN UDAIPUR.  
REACH: 626 VILLAGES  
72,000 HOUSEHOLDS

## JOINT INITIATIVE



## CORE DOMAINS

## ORGANISATIONAL LEARNING

- INTRA DEPARTMENTAL SUPPORT AND CO-ORDINATION EASES THE BUDGETING AND RESOURCE ALLOCATION IN A PROGRAMME.
- THE LEARNING ATTITUDES AND PERFORMANCE OF COMMUNITY WORKERS CAN BE ENHANCED BY EXTRINSIC FACTORS (SALARY RAISE OF Rs 800) AND INTRINSIC (GAMES AT REVIEW MEETINGS).
- TRADITIONAL PAPER WORK INCREASES THE WORK LOAD, MAKES THE COMMUNITY WORKERS RELUCTANT TO ADOPT NEW TECHNOLOGIES.
- WHEN RESOURCE ALLOCATION IS MADE KEEPING IN VIEW THE DESIRED RESULTS, EFFECTIVENESS OF THE PROGRAMME IS MUCH BETTER.

## INTEGRATED NUTRITION PROJECT

### BACKGROUND

BASELINE SURVEY CONDUCTED.

- AT BALWADIS: OPENING A NEW BALWADI AT PHERNIYA. DISTRIBUTION OF IRON SYRUPS AND VITAMIN A TABLETS WATER TESTING AND WATER FILTERS ESTABLISHMENT.
- CAPACITY BUILDING OF COMMUNITY WORKERS: ORIENTATION AND TRAINING. MONTHLY REVIEW AND ZONAL MEETINGS.
- HEALTH CARE DELIVERY: WEEKLY VISITS OF A PEDIATRICIAN TO KOJAWARA HOSPITAL. ACTIVE REFERRALS OF SAM CASES TO MTC IN UDAIPUR.

### RATIONALE

UDAIPUR DISTRICT  
POOR HEALTH INDICATORS:  
IMR- 61  
U5MR- 88  
RURAL LITERACY RATE-55%  
TOILET FACILITIES-24%

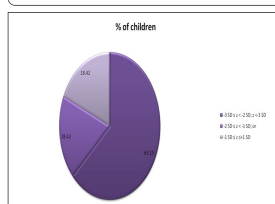
### OBJECTIVES

- TO ASSESS THE NUTRITIONAL STATUS OF CHILDREN BETWEEN 0-5 YEARS BASED ON KEY INDICATORS OF MALNUTRITION.
- TO COMPARE THE RESULTS OF THE STUDY WITH THE RESULTS OF THE BASELINE STUDY BASED ON WEIGHT FOR AGE INDICATOR OF MALNUTRITION.
- TO DETERMINE THE ROLE OF BALWADIS IN IMPROVING THE NUTRITIONAL STATUS OF CHILDREN (HEIGHT FOR AGE INDICATOR)

### METHODOLOGY

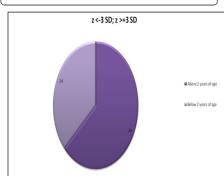
- PRE PILOT STUDY IN 7 HAMLETS OF KOJAWARA PANCHAYAT, KHERWARA BLOCK.
- RESEARCH TOOL: STRUCTURED QUESTIONNAIRES
- SAMPLE FRAME: ALL THE CHILDREN UNDER 5 YEARS & THEIR MOTHERS PRESENT AT HOME DURING THE VISIT.
- ANTHROPOMETRIC MEASUREMENTS WERE RECORDED.
- DATA ANALYSIS: WHO ANTHRO SOFTWARE AND MICROSOFT EXCEL.

PERCENTAGE DISTRIBUTION OF MALNUTRITION AS PER HEIGHT FOR AGE INDICATOR FOR CHILDREN UNDER 5 YEARS

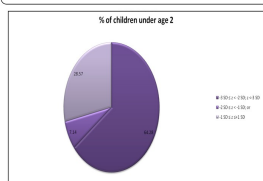


### STUNTING STATUS

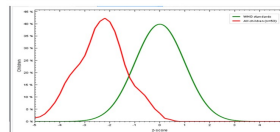
PERCENTAGE OF SAM CHILDREN



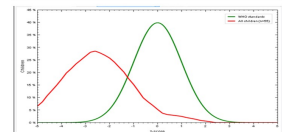
PERCENTAGE DISTRIBUTION OF MALNUTRITION AS PER HEIGHT FOR AGE INDICATOR



WEIGHT FOR AGE Z SCORES (2015)



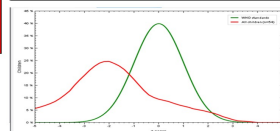
WEIGHT FOR AGE Z SCORES (APRIL 2014)



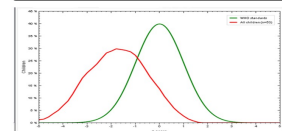
### WAZ SCORES IN MAY 2015 AND APRIL 2014

## RESULTS

HEIGHT FOR AGE Z SCORES (2015)



WEIGHT FOR HEIGHT Z SCORES (2015)

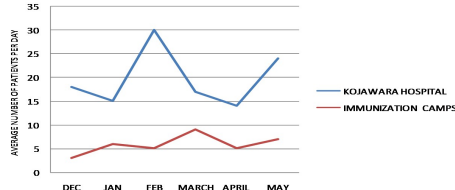


### HAZ SCORES AND WHZ SCORES AS PER THE STUDY

PERCENTAGE DISTRIBUTION OF CHILDREN AS PER LOCATION

| AGE GROUP               | UNDER 5 YEARS OF AGE |      |              | UNDER 2 YEARS OF AGE |      |              |
|-------------------------|----------------------|------|--------------|----------------------|------|--------------|
|                         | BAWADI               | HOME | OTHER PLACES | BAWADI               | HOME | OTHER PLACES |
| STATUS OF MALNUTRITION  |                      |      |              |                      |      |              |
| SEVERELY MALNOURISHED   | 50                   | 41   | 9            | 10                   | 80   | 10           |
| MODERATELY MALNOURISHED | 50                   | 37   | 13           | 16                   | 56   | 28           |
| MILDLY MALNOURISHED     | 54                   | 32   | 14           | 0                    | 98   |              |

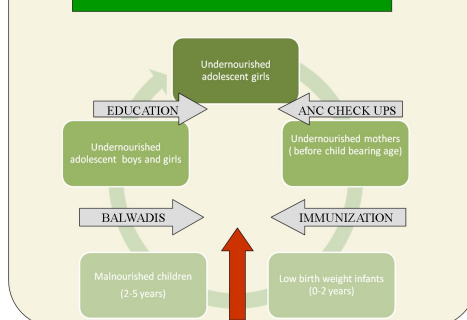
UTILISATION OF HEALTH CARE SERVICES OVER PAST SIX MONTHS



- 60% OF THE CHILDREN UNDER FIVE YEARS OF AGE FALL UNDER SEVERELY MALNOURISHED CATEGORY AS PER THE HEIGHT FOR AGE INDICATOR OF MALNUTRITION.
- 64% OF THE CHILDREN UNDER 2 YEARS OF AGE ARE SEVERELY MALNOURISHED.
- SINCE 90% OF THE CHILDREN UNDER 2 YEARS OF AGE DO NOT GO TO BALWADI, HENCE NO DIFFERENCE IN MALNUTRITIONAL STATUS IS FOUND AS PER HEIGHT FOR AGE INDICATOR.
- 60%-70% OF THE CHILDREN BEARS THE GREATEST BURDEN OF POVERTY AND UNDERNOURISHMENT IN THE MOST CRUCIAL PERIODS OF GROWTH AND DEVELOPMENT i.e. TILL 2 YEARS OF AGE.

## FINDINGS

### INTERGENERATIONAL CYCLE



PRESENTED BY: SWATI MITTAL

### FUNCTIONAL ASSESSMENT OF BALWADIS

| BALWADI LOCATIONS | NO. OF DAYS OPENED (AVG) | AVG ATTENDANCE OF CHILDREN PER DAY | PRESENCE OF FUNCTIONAL WATER FILTERS | AVAILABILITY OF MEDICINES     |
|-------------------|--------------------------|------------------------------------|--------------------------------------|-------------------------------|
| PAREDA HERNIYA    | 24                       | 23 YES                             |                                      | AS PER GUIDELINES             |
| PAREDA CHOKDA     | 17                       | 14 YES                             |                                      | IRON SYRUP MISSING            |
| PAREDA RAVLA      | 22                       | 21 YES                             |                                      | AS PER GUIDELINES             |
| DARA FALA         | 16                       | 8 YES                              |                                      | VIT SUPP., IRON SYRUP MISSING |
| JHUTRI            | 19                       | 15 YES                             |                                      | AS PER GUIDELINES             |

### WAY FORWARD

- PROVISION OF IRON AND VITAMIN SUPPLEMENTS FOR CHILDREN UNDER 2 YEARS OF AGE AT HOME BY BALSAKHIS.
- USE OF SOAPS BY THE CHILDREN BEFORE THE MEALS AT BALWADIS.
- MONTHLY SCHEDULED VISITS OF BLOCK INCHARGES TO BALWADIS AND IMMUNIZATION CAMPS.
- SELECTION OF BALWADI LOCATIONS THAT HAS EASY AND MASS ACCESS.