

APEF: PERIODIC SURVEY - 2006

Observation of results

Sent by HARY MINO Julia Paule-Aurélie

Date: 13 March 2006

Name of Hospital / Clinic / Centre: Centre de Réhabilitation et d'Education Nutritionnelle
Ambulatoire CRENA/CDA

Address: IVL 126 bis ANDOHATAPENAKA-ANTANANARIVO (101)

Person in charge: HARY MINO Julia Paule-Aurélie

1) TO WHOM DO YOU GIVE LUCERNE LEAF CONCENTRATE (LLC)?

- ✓ Children - Number: 47 (33 girls and 14 boys)
- Age: 12 months to 5 years
- ✓ Mothers - Number: 47
- Age: 19 – 40 years

2) HOW DO YOU USE LLC?

- ✓ Eaten as received (semolina) or after milling/grinding (flour)
 - After milling (as flour)
- ✓ Size of portion per recipient
 - Each child receives 1 level teaspoon per day; for the mothers, one soup spoon
- ✓ How is the LLC given? (e.g. mixed with ...)
 - Mixed with vegetable soup, porridge, 'mixture' (a mix of soya and corn flour), fruit juice
- ✓ Do you increase the quantities from the start of the programme? How?
 - I noticed a change from the start of taking the product, which is easy to consume, as people became accustomed to it

3) IN WHAT CIRCUMSTANCES DO YOU GIVE LLC?

- ✓ Malnutrition:
 - Light (1st degree)
 - Moderate (2nd degree)
 - Severe (3rd degree)
 - Kwashiokor
 - Marasmus
- ✓ Illnesses:
 - Anaemia
 - Diarrhoea
 - AIDS
 - Other illnesses
- ✓ Other reasons: Lack of appetite
Limited breastmilk in breastfeeding mothers

4) WHAT ARE THE OBSERVED POSITIVE EFFECTS?

- ✓ Children (age):
 - Taste adapted for children when it (LC) is pre-mixed with liquid or semi-liquid foods
 - Easy to consume
 - Increase in weight with weight/height ratio over 85%
 - Notable appetite
- ✓ Mothers:
 - Practical and effective use
 - Can be used directly without cooking
 - Easy to consume and conserve
- ✓ Others:
 - Reduction in frequency of illnesses (diarrhoea, anaemia, dermatitis)
 - Malaria accompanied by anaemia, lack of vitamins, respiratory problems

5) HOW LONG BEFORE POSITIVE RESULTS ARE OBSERVED?

Start of improvement: 2 days after taking it
Attainment of satisfactory result: 3 days to one week of regular consumption

6) HAVE YOU WITNESSED ANY NEGATIVE EFFECTS?

- No
- Yes, in the following cases:
 - ✓ At the start: Intolerance at the start. Lack of adaptation to taste and smell
 - ✓ Later:
 - ✓ Details Digestive problems: nausea
 - ✓ Duration 2 to 3 days maximum then it disappears

7) YOUR PERSONAL OPINION (on LLC and its use)

These are products which have beneficial effects on the health of children, mothers, indeed all the members of the family, through compensating for the nutritional imbalance especially (found) in our zone of intervention.

8) OPINION OF MEDICAL PROFESSIONALS?

Psychological impacts:

Children: energy, vitality, alertness, intelligence all increased in the majority of children at CRENA

Mothers: health and vitality recovered; plentiful breastmilk in lactating mothers

(These are) miraculous products, at the same time being nutritious and of medical value, practical and low cost

9) YOUR PROJECTS AND FUTURE NEEDS

To distribute the product more widely in medical centres that deal with malnutrition, in the CRENA's and in schools canteens

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