

## **APEF: PERIODIC SURVEY - 2002**

### **Observation of results**

Date: 08.09.2002

Name of Hospital:	PAUL VI Hospital
Address:	Ouagadougou, Burkina Faso
Person in charge:	Sister Sabine Kim

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

- ✓ Children - Number: 165  
- Age: from 6 months to 3 years
- ✓ Mothers - Number: 160  
- Age: from 19 to 42 years

#### **2) HOW DO YOU USE LLC?**

- ✓ Eaten as received (semolina) or after milling/grinding (flour)
  - As flour
- ✓ Size of portion per recipient
  - 2 teaspoonfuls, twice a day (children)
  - 2 soup spoonfuls, twice a day (adults)
- ✓ How is the LLC given? (e.g. mixed with ...)
  - In baby-food, porridge, milk, yoghurt
- ✓ Do you increase the quantities from the start of the programme? How?
  - One serving a day, then twice a day

#### **3) IN WHAT CIRCUMSTANCES DO YOU GIVE LLC?**

- ✓ Malnutrition:
  - Light (1<sup>st</sup> degree)
  - Moderate (2<sup>nd</sup> degree)
  - Severe (3<sup>rd</sup> degree)
  - Kwashiorkor
  - Marasmus
- ✓ Illnesses:
  - Anaemia
  - Diarrhoea
  - AIDS
  - Other illnesses: respiratory problems

**4) WHAT ARE THE OBSERVED POSITIVE EFFECTS?**

- ✓ Children (age):
  - Children of 6 to 12 months who are present mostly because of malnutrition, or lack of breastmilk
  - Reversal of anaemia in breast-feeding mothers and increase in the production of breastmilk

**5) HOW LONG BEFORE POSITIVE RESULTS ARE OBSERVED?**

*Start of improvement:* For some patients, after only one month  
*Attainment of satisfactory result:* 2 to 3 months

**6) HAVE YOU WITNESSED ANY NEGATIVE EFFECTS?**

- No
- Yes, in the following cases:
  - ✓ At the start: A few cases of children refusing to eat it at the start
  - ✓ Later: .....
  - ✓ Details: .....
  - ✓ Duration: .....

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

In my opinion, leaf concentrate acts like iron and folic acid, permitting the reversal of anaemia and anorexia.

Its mild flavour allows it to be incorporated into other foods without changing their own flavour.

**8) OPINION OF MEDICAL PROFESSIONALS?**

According to the nurses who work at CREN\*, they no longer observe a worsening of the anaemic condition of malnourished children, and the level of haemoglobin in the blood rises from 1 to 2g in one month.

\* CREN: Centre de Récupération et d'Education Nutritionnelle de Tiébélé (Tiébélé Centre for Recovery and Nutritional Education)

**9) YOUR PROJECTS AND FUTURE NEEDS**

I plan to propose using LLC in a recovery centre for malnourished children which our Sisters are opening in a village 45km from Ouagadougou.

Issued on: 23 February 2006

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State-Registered nurse