# KSHAARASOOTRA TECHNIQUE FOR ANAL FISTULA

Clinical trials on a non-surgical technique known as KSHAARASOOTRA technique (in comparison with surgery) are currently in progress at the Department of Surgery, AlIMS, New Delhi, PGIMER, Chandigarh, Mahatma Gandhi Institute of Medical Sciences, Wardha and Seth G.S. Medical College, Bombay. The KSHAARASOOTRA technique uses a medicated thread, coated with the latext of the cactus plant EUPHOR-BIA NERIIFOLIA, the alkali (or Kshaara) of ACHYRANTHES ASPERA (Apamarga) and the power of Curcuma Longa (Haldi). This thread is inserted into the fistulous track and left in situ for a week. The thread is replaced by a fresh medicated thread at weekly intervals, till the fistulous track heals totally. The patient does not require hospital admission as the thread can be inserted in the outpatient department itself by the doctor or even a well trained nurse. The patient can also attend to his/her normal work (with the thread in position).

The total number (polled from all the 4 centres) of patients inducted into the trial so far is 402. Of these, 205 patients were randomised to the Kshaarasootra group and 197 to the surgery group. The number of patients who have completed one year follow up (pooled from all the centres) is 102 in the Kshaarasootra group, and 92 in the Surgery group. So far, no true recurrence has been reported in the Kshaarasootra group whereas in the surgery group, 8 instances of recurrence have been reported. The results reported from all the Centres have been uniformaly encouraging. The success rate, as assessed by the healing of fistulous track, is 94 per cent in the Kshaarasootra group and 89 per cent in surgery group. The data from randomised groups in all the trials on anal fistula will be pooled and final statistical analysis will be undertaken as soon as the target number of 500 patients of

anal fistula have completed the full course of treatment (including one year follow-up after healing of the fistulous track).

### [English]

## Investment of Provident Fund by Industrial Units

10066. SHRI CHIRANJI LAL SHARMA: Will the Minister of LABOUR be pleased to state:

- (a) the nature of restrictions imposed upon industries regarding investment of provident fund by industrial units; and
- (b) the steps proposed to invest the same in the best manner with a view to yield maximum returns?

THE MINISTER OF LABOUR AND WELFARE (SHRI RAM VILAS PASWAN): (a) The EPF money is required to be invested as per pattern of investment specified by the Central Government, from time to time. The existing pattern of investment effective from 1st April, 1986 is as given below:—

- (i) Central/State Government guaranteed securities 15%
- (ii) Special Deposits Scheme 85%
- (b) The existing pattern of investment, on the whole, gives a return of about 12 percent per annum. There is, no proposal for the present to make any change in the existing pattern of investment.

#### **Kerala Model on Population Control**

10067. SHRI S. KRISHNA KUMAR: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether Kerala has achieved cent

per cent result in family planning;

(b) whether the Kerala model is being introduced in other States to control population; and

#### (c) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI RASHEED MASOOD): (a) Method-wise Family Planning targets are fixed for the States annually. During the year 1989-90, Kerala has achieved the targets in full in all the four family planning methods.

(b) and (c). Family Planning acceptance level depends on number of factors. While certain inputs are given to the States on uniform normative basis, States are encouraged to develop area specific strategies suiting to their local conditions.

## DDA Plots to Members of Metropolitan Council and Municipal Corporation of Delhi

10068. SHRI NAKUL NAYAK: Will the Minister of URBAN DEVELOPMENT be pleased to state:

- (a) whether elected members of Metropolitan Council and Members of Municipal Corporation, Delhi were entitled for residential plots from Delhi Development Authority;
- (b) if so, how many members have given the plots so far and how many cases are lying pending till date; and
- (c) the reasons for not handing over the plots to the allottees?

THE MINISTER OF URBAN DEVEL-OPMENT (SHRI MURASOLI MARAN): (a) Prior to 2.1.79, there was reserved quota of 2 1/2% for allowment of plots to the members of Metropolitan Council, Councillors of Municipal Corporation of Delhi, and non official members Contonment Board and NDMC

(b) and (c). 41 plots were given to various members under this quote and in 8 cases this was not done because of abolition of this quota w.e.f. 2.1.79.

#### Use of Additives in Processed Food

10069. SHRI EDUARDO FLEIRO: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

- (a) whether Government are aware of the higher activity caused in children due to use of various food additives in processed foods and if so details thereof?
- (b) whether apart from promoting food additives CSIR, ICMR, ICAR Laboratories dealing with foods and nutritios have under taken studies on bad effects of additives:
  - (c) if so, the details thereof; and
- (d) whether Government are aware of the excellent work done by Hyper-activity Association of South Australia on effect of additives in creating naughty, aggressive and clumsy children and if so, details thereof and the action taken in this regard?

THE MINISTRY OF STATE OF THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI RASHEED MASOOD): (a) The different food additives permitted under PFA rules are and do not seem to produce hyper activity in children. No instance of hyper activity in children using processed food has come across in India.

- (b) and (c). The leading R&D Institutions in the country do undertake studies on effect of additives as and when need arises.
  - (d) No such Report has come to the