

**GOVERNMENT OF INDIA  
HEALTH AND FAMILY WELFARE  
LOK SABHA**

UNSTARRED QUESTION NO:1119  
ANSWERED ON:30.11.2005  
INDIGENOUS VACCINES FOR AIDS  
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**Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:**

- (a) whether indigenous vaccines to combat AIDS virus have been developed ;
- (b) if so, the details in this regard; and
- (c) the time by which marketing of such vaccines are likely to be started in the country?

**Answer**

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SMT. PANABAKA LAKSHMI)

a) & b) A Modified vaccinia Ankara (MVA) based vaccine has been developed using Indian HIV-1 subtype C strain with collaborative efforts between National AIDS Control Organisation, Ministry of Health & Family Welfare, ICMR, & International AIDS vaccine Initiative (IAVI), USA. Identification of consensus sequence was done at National AIDS Research Institute, Pune. This institute is also working on two other approaches multi-epitope vaccine and DNA vaccine. The phase I trial of Modified vaccinia Ankara (MVA) based HIV vaccine is expected to begin shortly at Tuberculosis Research Centre, Chennai.

After successful completion of phase I trial, the vaccine will enter into phase II & III clinical trial. These trials will establish the commercial availability of the vaccine.

(c) The completion of phase I, phase II and phase III trials take close to seven years. On successful completion of phase I, II and phase III trials only the HIV vaccine can be considered for its introduction in the general public.