

Brief Report

Implementation of IDRV in Kerala a sustainable model

Dr. Thomas Mathew, Nodal Officer IDRV Kerala

Issues

- Rabies is a 100% fatal disease but is totally preventable by timely and appropriate post exposure treatment.
- India accounts for nearly 36% of the total deaths due to Rabies world-wide.
- In Kerala, like any other part of the country, the high cost of cell culture vaccines administered intramuscularly was the major limiting factor in the fight against the disease
- Though the use of intra dermal route for tissue culture anti rabies vaccine was approved by Government of India in 2006, its implementation was patchy.
- The country desperately needs a practical model for implementation of IDRV.

Description

Unique features of IDRV implementation in Kerala

- 1) Implementation through the Government system

Facilitatory factors

- i. Political will
 - ii. Administrative and logistic support
 - iii. Academic inputs
 - iii. Artistic innovations
- 2) Systematic implementation

Activities	Accomplishments
National workshop for developing Guidelines (20 th -21 st September-2008)	Advocacy Guidelines Road map for implementation
Training of Trainers [ToT] at IPM, Hyderabad (15 th -18 th December 2008)	Man power training Government endorsement
CME for doctors and nurses (Feb 2009 onwards)	Awareness creation Hands on training
Development and dissemination of IEC materials (January 2009)	Create awareness of public
Inauguration of 1 st model IDRV clinic on 27 th Feb 2009	Official launch of IDRV in the State of Kerala
Immunosurveillance with NIMHANS (March 2009)	Confidence building Thrust on Evidence based medicine

Daily reporting
Visit by Dr. FX Meslin
(Team leader, WHO, Geneva)
18th-21th November 2009)

Systematic evaluation
Appraisal by WHO

3) IDRV free of cost for all (APL/BPL) as per the GO (Rt) No. 3357/2009/H&FWD, dt. 18.11.2009

Status of IDRV in Kerala from March 2009 to May 2010

Total	Sex wise distribution		Category of Animals			Category of Bites	
	Male (%)	Female (%)	DOG (%)	CAT (%)	OTHERS (%)	Category II (%)	Category III (%)
IDRV given							
31729	59.5	40.5	67	30	3	68.3	31.7

Realizing the significance of implementing Intra Dermal Rabies Vaccination (IDRV) in the state, the Government has decided to provide IDRV free of cost to all, irrespective of their APL and BPL status. Eight model IDRV centres have been set in the state including the five Medical Colleges since February 2009. As on today, there are 43 centres providing this service in this state and the government is planning to scale it up to all hospitals in the state which caters to more than 5 bite victims per day. From 2nd March 2009 to 31st May 2010, 31729 patients received IDRV

**IDRV Centres in Kerala
March 2009 to May 2010**

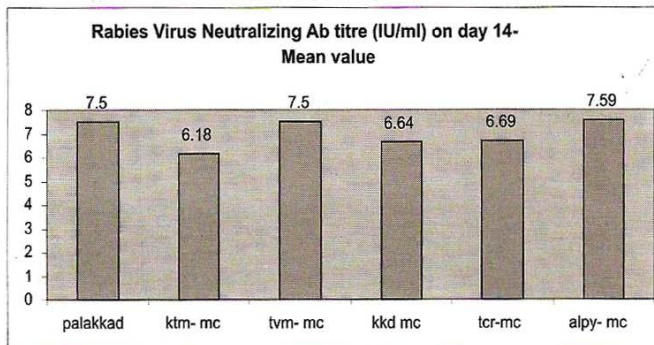
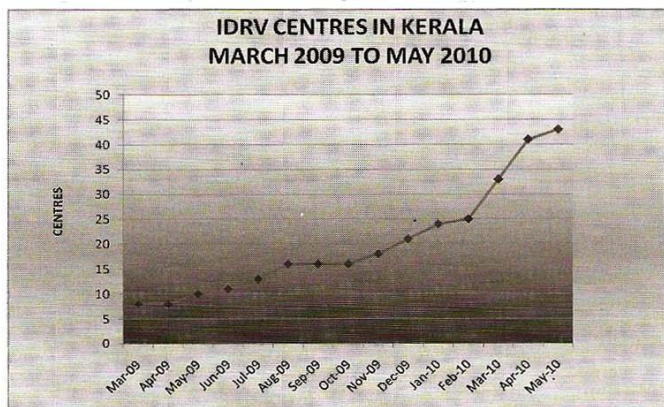
Lessons learned

Intersectoral co-ordination by all stakeholders together with administrative, academic and artistic support is the key for implementation of a public health initiative in the State

Way forward

- Our next challenge is to scale up IDRV to all hospitals in the state which caters to more than 5 bite victims per day.
- Our goal is not IDRV but to work together for a rabies free India by 2020

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Membership of APCRI

All persons and citizens of India and from abroad and above 21 years of age (as on 1st August of that year) and who subscribe to the Aims and Objectives of the APCRI (Association for Prevention and Control of Rabies in India) are eligible to be the members of the association only after the approval by the executive committee and on their payment of the prescribed fees.

Clauses of membership and fees

- a. **Patron Member:** Any institution or organization established under law in India and on payment of one time fee of Rs. One Lakh only may be admitted after the approval by the executive committee. The privileges include ten invitations to all meetings and functions of the association. However, there shall not be any voting or contesting privileges to the member.
- b. **Donor Member:** Any organization or institution established under law in India and on one time payment of Rs. 50,000 (Rupees Fifty Thousand Only) may be admitted after the approval of the executive committee. The Privileges include five invitations to all meetings and functions of the association. However, there shall not be any voting or contesting privileges to the member.
- c. **Life Member:** Any citizen of India, with recognized medical or veterinary degree qualification or with Postgraduate degree qualification in Science, Arts, Law, Management, Engineering, Commerce, and others working for Rabies Prevention and Control in India may be admitted after approval of the executive committee. He/She shall pay a one time fee of Rs. 1000/- (Rupees One Thousand Only) and shall receive invitations to all meetings/functions of the association and is entitled to exercise one vote at the AGM/SGM as the case may be. The life members (only) are eligible to contest for the various offices of the association.
- d. **Associate Member:** Any degree holder in any discipline from a statutory university and working for Prevention and Control of Rabies in India may be admitted after approval of the executive committee. He/She shall pay a one time fee of Rs. 500/- (Rupees Five Hundred Only) and shall receive invitation to all meetings and programmes of the Association. But he/she is not entitled to vote or contest any election of the association.
- e. **Honorary Members:** Any individual from India or Abroad who has made significant contribution to Prevention and Control of Rabies, in India or Abroad, may be admitted on the recommendations of the Executive committee. He/She shall enjoy all privileges of a life member except for voting and right to contest for election. They shall not pay any fees and are admitted free of any charges/cost.