

RURAL HOSPITAL DERWAN DIST. RATNAGIRI

Comparative study of Pinak with ASV in rural set up -

1) Total 30 patients of snake bites were studied in the period of June 2005 to September 2006.

2) Out of them -

No. of Neurotoxic Cases - 21
No. of vasculotoxic Cases - 9

3)

	ASV Only	ASV + Pinak	Pinak Only
Neurotoxic 21	11	10	0
Vasculotoxic	3	2	4

In 16 patients Pinak was used & in 26 patients ASV was used.

4)

	Pinak -		No Pinak		Only Pinak
	≤ 10 V + ASV	≥ 10 V + ASV	≤ 10 Vials	≥ 10 Vials	
Neuro	6	4	3	8	0
Vasculo	2	0	3	0	4

Above table shows that the no. of ASVs required has reduced significantly in patients where Pinak was used.

- In no Pinak group out of 13 patients 8 patients required more than 10 Vials of ASV.
- In Pinak group out of 14 patients only 4 patients required more than 10 Vials of ASV.
- In ≤ 10 V ASV group average ASV required was 6 Vials. In ≥ 10 V ASV group average ASV required was 42 Vials.

This shows that use of Pinak is beneficial in following ways.

- 1) No ASV required in is Less - So Less expenditure.
- 2) No Anaphylaxis to Pinak which is seen with ASV.
- 3) Pinak is easy to administer.

Further study with only Pinak without using ASV is going on.

Dr. S.N.Patil
Director

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TTC
OT
Medical Office
S.D.H. Karad