Screening Women For

Cervical Cancer

in

Low Resource Setting

Presented By

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Cervical Cancer

1,20,000 women suffer in India

80,000 die of it

"Preventable but not prevented"

The reality today

VISUAL INSPECTION WITH ACETIC ACID VIA

- × New approach Experimental stage
- Suitable for areas where
 - + Labs not adequate
 - + Advanced disease is common
- Available personnel to be trained
- × VIA+ve
 - VIA-ve
 - Benign
 - Suspicious
 - Malignant

VIA +VE 10 – 15%

- × See and Screen.
- **×** See and Treat with Cryotherapy.
- Single Visit Approach
- Successfully implemented in Thailand and South Africa
- **x** Where possible at least 2 visits to plan Rx

VIA (2003)

	Sensitivity	Specificity
Sankaranarayanan	67% - 79%	49% - 86%
Gaffikin	64% - 98%	64% - 98%

LOW RESOURCE SETTING OTHER MODALITIES

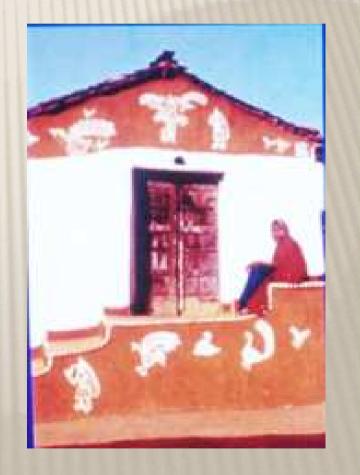
- **VIA** Visual inspection of cervix with 3 % acetic acid
- **VIAM** with magnification
- **VILI** with Lugol's Iodine



Can be done by Paramedical staff

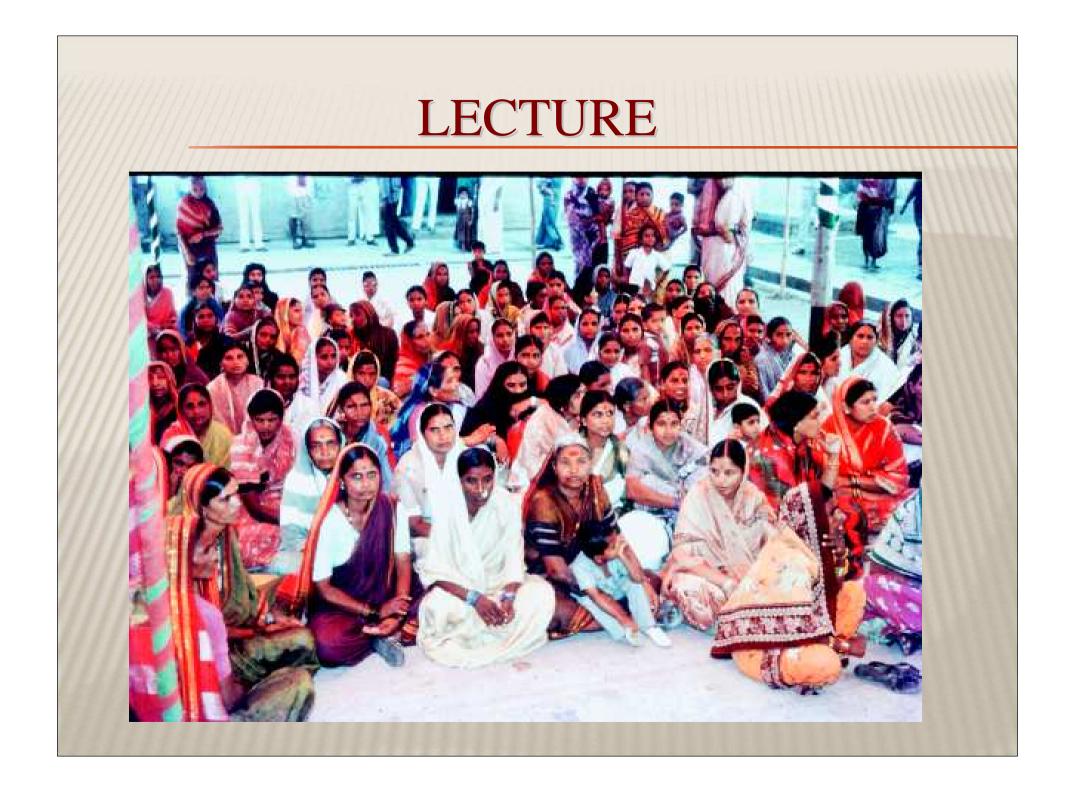
TO IMPROVE COVERAGE WE ORGANISE RURAL CYTOLOGY CAMPS

- District laboratory conducts rural cytology camps
- Current aims
 - + To create awareness
 - + Impart knowledge of cancer
 - + Data collection of incidence/prevalence
 - + To co-operate with other camp activities
 - Help in comprehensive health care
 Gynaecological check-up









- Protocols cannot be followed strictly
- Only guidelines can be given
- Individualized treatment is finally the answer





 2 visits patient's & family get time to think and plan

HUMAN PAPILLOMA VIRUS IMPLICATED IN DEVELOPMENT OF CERVICAL CANCER

HPV DNA TESTING -

GREATER PROTECTION AGAINST CERVICAL DISEASE

VACCINES AGAINST HPV

- **×** Prophylactic vaccine
 - + Given to all girls boys at age of 10 12 years
 - + Efficacy of L1-VLP Vaccine in Prevention of HPV 16 and 18
- Randomized controlled trials in USA and Brazil
- **x** Lancet 2004; 364: 1757

Emphasis in 21st Century

Public Education

Screening. Early Detection

HPV Testing

Vaccines

