

# ***Prevalence of Obstetric fistula in Kashmir-India***

Dr. G.H. Mustafa Shiekh, M.D.  
**Government Medical College associated Lala Ded  
Hospital Srinager-Kashmir-India**

***Société Médicale Beaulieu and  
CHILDREN of Kashmir  
Scholarship***

*Training Course in Reproductive Health Research  
WHO 2007*

# ***Introduction***

- ***Definition***
  - **Tissue destruction**
  - **Tissue laceration**
- ***Types***
  - Vesicovaginal fistula
  - Rectovaginal fistula
- ***Classification***
  - Simple
  - complex

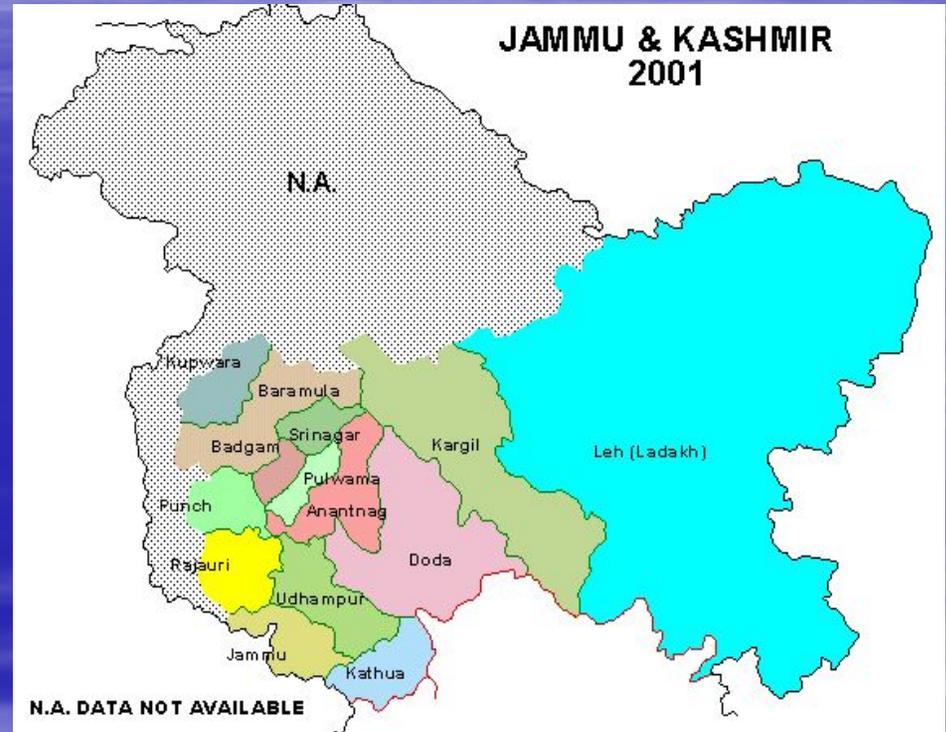
***E.S. Rovasna 2001***

# ***History***

- ***4000 B.C first fistula recorded.***
- ***Persian physician Avenica in 11th century obstructed labour  obstetric fistula***
- ***Dr.John Peter Mathauer of Virginia in 1838 successfully closed vesicovaginal fistula using wire sutures.***
- ***Dr.J.Marison Sims of America in 1845 first fistula case and on 30th operation on the same patient successfully closed the fistula***  
***\* Father of American Gynecology\****

# Demography of Jammu and Kashmir

- **An Indian state**
- **Area of 222236 sq.kms**
- **Altitude..**
  - 1730-2840mtr
- **Borded by**
  - South - Himachal Pradesh
  - West - Pakistan
  - North and East - China
- **Population..**
  - 10 million
  - Females - 4.8 million
- **Overall Literacy rate of 43%**
  
- **Disturbed area since 18 years**



# ***Methodology***

- ***Retrospective study***
  - descriptive observational
- ***Qualitative and quantitative methods will be used to collect data***
- ***Qualitative study***
  - Focus group discussion and in-depth interviews

# ***Quantitative study***

- ***Quantitative study will be done in hospitals and community***
- ***In the community survey local doctors, nurses, midwives, traditional birth attendants and NGOs (if any) will be involved***

# Questionnaire

- *Questionnaire has never been included in Standardized Demographic Health Survey*
- *Questions to be asked:*
  - *residence of women*
  - *age*
  - *parity*
  - *occupation*
  - *education*
  - *ante natal check up*

# ***Data for index pregnancy***

- ***Duration of labour.....hours/days***
- ***Place of delivery.....home/hospital***
- ***Type of delivery.....vaginal/abdominal  
if vaginal.....spontaneous/vacuum/forceps***
- ***Presence of birth attendant.....yes/no***
- ***Circumstances leading to delayed referral.....***
- ***Pregnancy outcome.....perinatal death/rupture  
uterus***
- ***Any harmful traditional practice....(gishiri cuts)***

- **Regarding fistula**  
**duration of fistula .....(years)**  
**previous fistula surgery.....yes/no**
- **Other questions**  
**menses.....yes/no**  
**pain during walking.....yes/no**  
**pain during coitus (if any).....yes/no**  
**\*social consequences**  
**still married/rejected/widow**

**Examination: To confirm the diagnosis**  
**General physical examination**  
**Local examination**

# ***Research setting***

## ***1. Three hospitals***

- Lala Ded hospital Srinagar, Kashmir
- Institute of Medical Science Soura
- District hospital Kargil (rural referral hospital)

## ***2. Three districts:***

- District Baramulla
- District Kupwara
- District Doda.

- ***In hospital study 5 years (2002-2006) records will be checked***
  - records department***
  - theatre records***
  - surgeons records***
- ***Regarding number of fistula***
  - cases diagnosed***
  - cases operated***
  - cases referred***

# Schedule of survey

<i>Month</i>	<i>Date</i>	<i>Place</i>	<i>Month</i>	<i>Date</i>	<i>Place</i>
<i>May</i>	<i>1-14</i>	<i>Lala Ded hospital</i>	<i>Sept.</i>	<i>2-5</i>	<i>I.M.S</i>
	<i>23-26</i>	<i>Dist Kupwara</i>		<i>11-15</i>	<i>District Doda</i>
<i>June</i>	<i>3-10</i>	<i>I.M.S</i>	<i>Oct</i>	<i>1-7</i>	<i>Lala Ded hospital</i>
	<i>17-21</i>	<i>Barmulla District</i>		<i>11-15</i>	<i>Barmulla District</i>
<i>July</i>	<i>5-15</i>	<i>Lala Ded hospital</i>		<i>21-25</i>	<i>Dist. Hospital Kargil</i>
	<i>18-21</i>	<i>District Doda</i>			
	<i>26-30</i>	<i>Dist. Hospital Kargil</i>			
<i>Aug</i>	<i>7-10</i>	<i>Dist. Kupwara</i>	<i>Nov.</i>	<i>5-10</i>	<i>District Doda</i>
	<i>15-25</i>	<i>Lala Ded hospital</i>		<i>15-20</i>	<i>Dist. Kupwara</i>
	<i>27-30</i>	<i>Barmulla District</i>		<i>25-27</i>	<i>I.M.S</i>

## *December*

- data compilation*
- data analysis*
- dissemination of preliminary report*
- public presentation of findings*

## *January*

- final report distribution*
- manual development*
- final report and recommendations*



**Thank you**

