

Welcome

**GUIDELINES TO PREVENT  
UNNECESSARY  
HYSTERECTOMIES**

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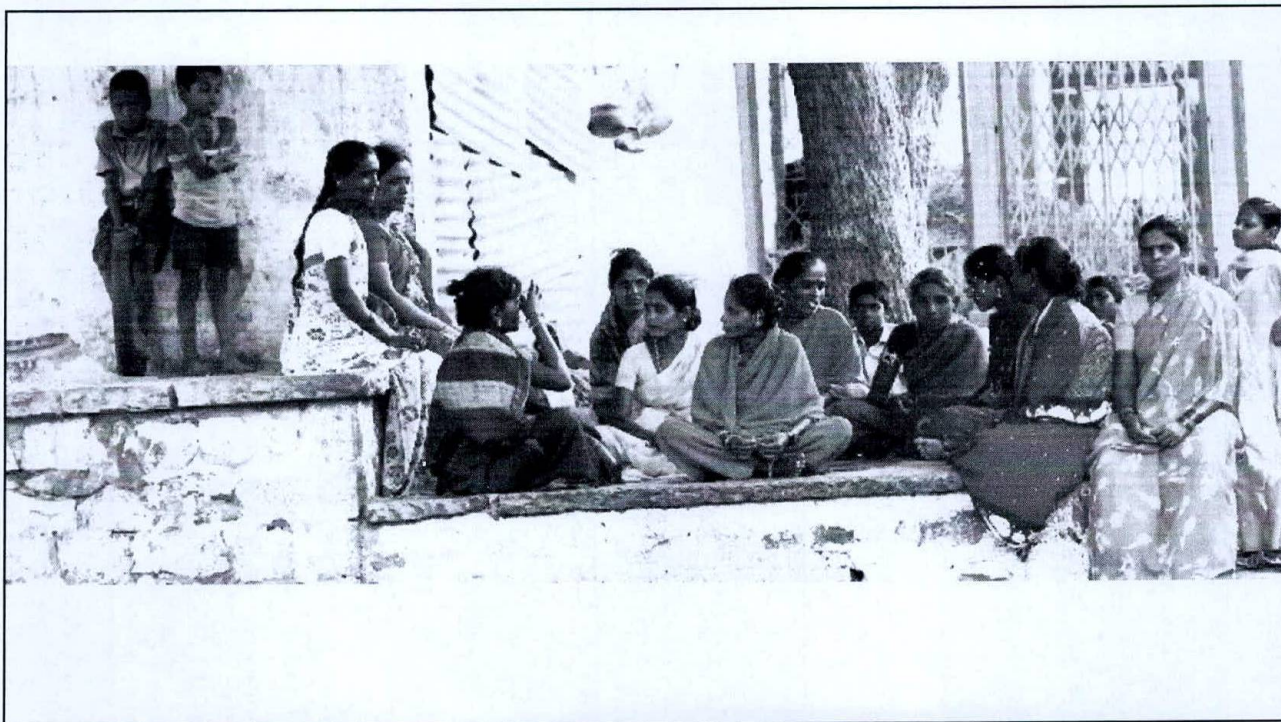
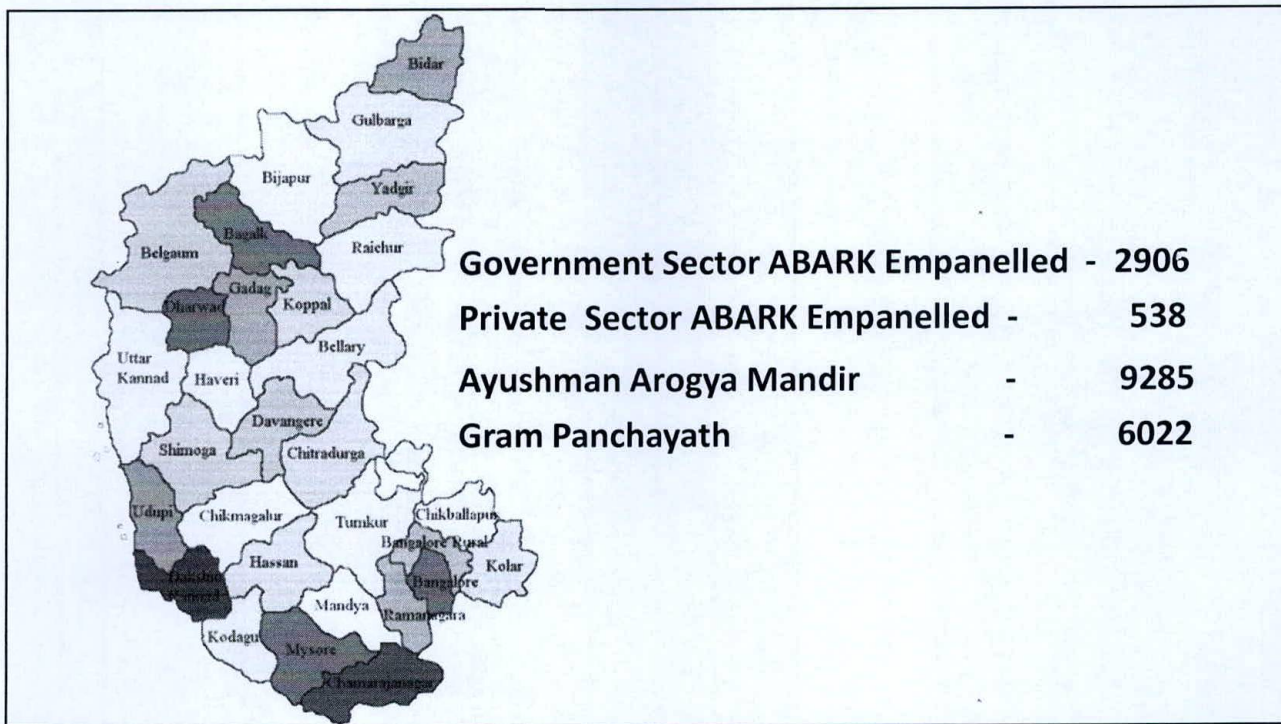
MINISTRY OF HEALTH & FAMILY WELFARE

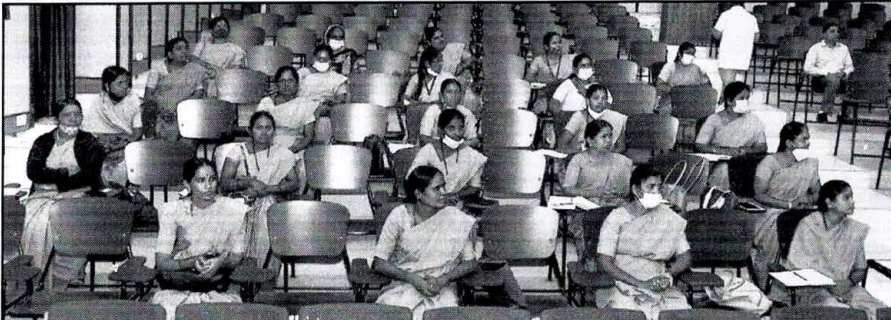
MATERNAL HEALTH DIVISION

# SAGE

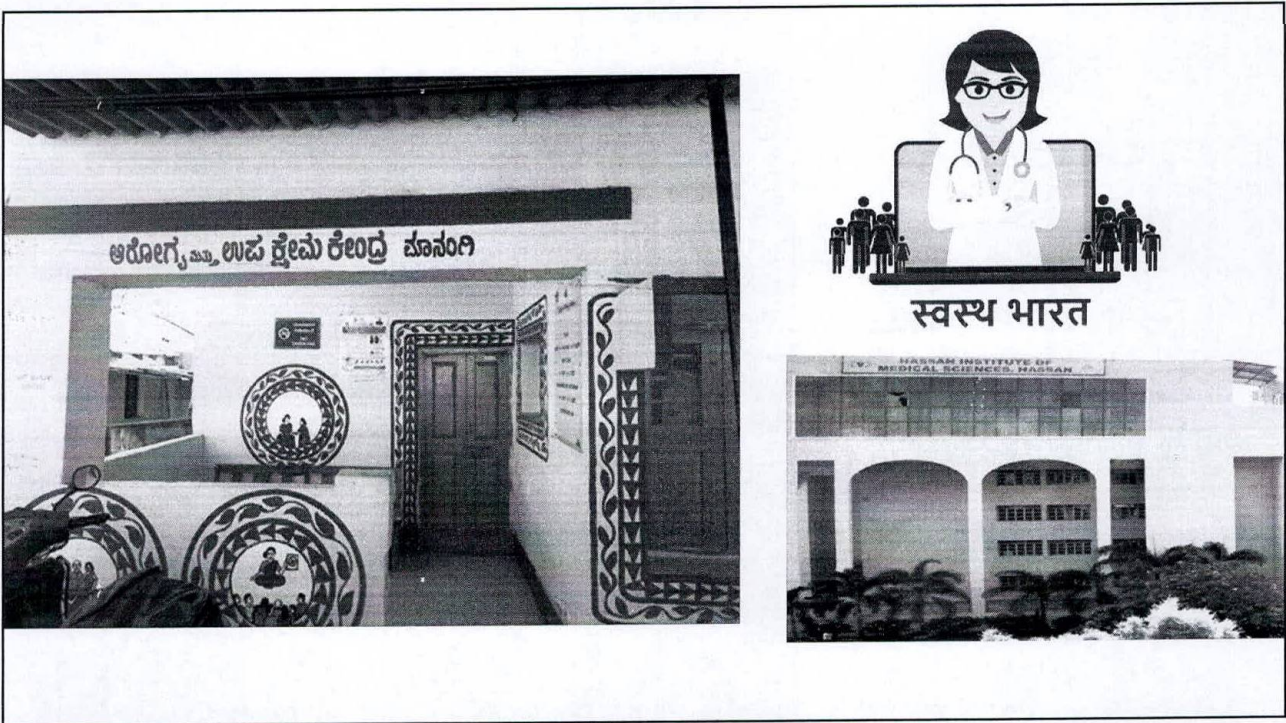
Supporting Access for Gynaecological assessment for rural women using E- Health & Ai


Data Driven Mentorship  
Program for Reduction of  
Unnecessary Hysterectomies



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ಯುಜಿ ಕಾರ್ಯಾಗಾರಕ್ಕೆ ಭಾಗವಹಿಸಲು ಆದ್ಯತೆ ನೀಡತಕ್ಕದ್ದು			
ರಾತ್ರಿ ಬೆವರುವುದು*	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ನಿಮ್ಮ ದೈನಂದಿನ ಯಾವುದೇ ರೀತಿಯ ಬದಲಾವಣೆಯಾಗಿರುವುದು	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಪ್ರಸ್ತುತ ನೀವು ಕ್ರಿಯೆ (ಟಿ.ಬಿ.) ರೋಗಕ್ಕೆ ಮಾತೆಯನ್ನು ಸೇವಿಸುತ್ತಿದ್ದೀರಾ**	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಚರ್ಮದ ಮೇಲೆ ಯಾವುದೇ ಮಚ್ಚೆ ಅಥವಾ ತ್ವಟ್ಟಿಯ ಬಣ್ಣ ಮಾಸಿ ಹೋಗಿರುವುದು	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ನಿಮ್ಮ ಕುಟುಂಬದಲ್ಲಿ ಯಾರಾದರೂ ಕ್ರಿಯೆ (ಟಿ.ಬಿ.) ಇತಿಹಾಸ**	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಬೆರಳುಗಳಿಂದ ವಸ್ತುಗಳನ್ನು ಹಿಡಿಯುವಲ್ಲಿ ತೊಂದರೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
<b>ಬಿ. ೨ : ಮಹಿಳೆಯರು ಮಾತ್ರ</b>	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಬಿಸಿ ಮತ್ತು ತಣ್ಣಗಿನ ವಸ್ತುಗಳನ್ನು ಅಂಗೈ ಅಥವಾ ಪಾದಗಳಿಂದ ಗ್ರಹಿಸಲೆಳೆ ಆಗದಿರುವುದು	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಸ್ವನದ ಊತ ಅಥವಾ ಗಡ್ಡೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಮಹಿಳೆಯರು ಮಾತ್ರ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಮೊಲೆತೊಟ್ಟಿನಿಂದ ರಕ್ತ ಸೋರುವಿಕೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಮುಟ್ಟಿನ ನಂತರ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಸ್ವನದ ಗಾತ್ರ ಮತ್ತು ಅಕಾರ ಬದಲಾವಣೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಶೈಂಗಿಕ ಕ್ರಿಯೆಯ ನಂತರ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಎರಡು ಮುಟ್ಟಿನ ಅವಧಿಯ ನಡುವೆ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಯೋನಿಯಿಂದ ದುರ್ವಾಸನೆಯುಕ್ತ ವಸ್ತುಗಳ ವಿಸರ್ಜನೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಮೇಲ್ಕಂಡ ಯಾವುದೇ ರೀತಿಯ ಒಂದು ರೋಗ ಲಕ್ಷಣಕ್ಕೆ ವ್ಯಕ್ತಿಯ ಉತ್ತರ ಹೌದು ಎಂದಾದರೆ ಅಂತಹ ವ್ಯಕ್ತಿಯನ್ನು ತಕ್ಷಣವೇ ವೈದ್ಯಾಧಿಕಾರಿಗಳು ಲಭ್ಯವಿರುವ ಆರೋಗ್ಯ ಕೇಂದ್ರಕ್ಕೆ ವಿಚಾರಿಸುತ್ತಿ ಮಾಡಬೇಕು			
* ಪ್ರತಿಕ್ರಿಯೆ : ಹೌದು ಎಂದಾದರೆ ಕಾರ್ಯಪ್ರವೃತ್ತಿಗಳಿರುವುದು : ಕಛದ ಮಾದರಿಯನ್ನು ಸಂಗ್ರಹಿಸಿ ಹತ್ತಿರದ ಕ್ಷಯ ತಪಾಸಣಾ ಕೇಂದ್ರಕ್ಕೆ ರವಾನಿಸತಕ್ಕದ್ದು.			
** ಪ್ರತಿಕ್ರಿಯೆ : ಹೌದು ಎಂದಾದರೆ ಕಾರ್ಯಪ್ರವೃತ್ತಿಗಳಿರುವುದು : ಎಮ್.ಸಿ.ಟಿ.ಬಿ.ಡಿ / ಎ.ಎಸ್.ಎಮ್. ರವರು ಕುಟುಂಬ ಸದಸ್ಯರನ್ನು ಪತ್ತೆಹಚ್ಚಬೇಕು.			
<b>ಭಾಗ-೨ : ಅನ್ವಯಿಸುವ ಉತ್ತರಗಳಿಗೆ ವ್ಯತ್ಯವನ್ನು ಹಾಕಿ</b>			
ಅಡುಗೆ ಮಾಡುವುದಕ್ಕೆ ಉಪಯೋಗಿಸುವ ಇಂಧನದ ವಿಧಗಳು : ಹೌದೆ / ಬೆಳೆಯ ಉತ್ಪನ್ನಗಳು / ಸಗಣೆಯ ಬೆರಣೆ / ಕಲ್ಲಿದ್ದಲು / ಸೀಮೆಎಣ್ಣೆ ಎಲ್. ಪಿ. ಜಿ. ಗ್ಯಾಸ್.			
ವೈಯ್ಯಾದರಿತ ಆಹಾರಗಳು : ಬೆಳೆಯ ಉತ್ಪನ್ನಗಳನ್ನು ಸುಡುವಿಕೆ / ಕಸ ಹಾಗೂ ಒಣಗಿದ ಎಲೆಗಳನ್ನು ಸುಡುವಿಕೆ / ಕಾರ್ಬೋನೇಟ್ ಗ್ಯಾಸ್ ಮತ್ತು ಹೋಗೆಯೊಂದಿಗೆ ಕೆಲಸ ಮಾಡುವುದು / ಬ್ರೀಕ್ ಮತ್ತು ಗಾಜಿನ ಕಾರ್ಬೋನೇಟ್ ಕೆಲಸ ಮಾಡುವ / ಇತರ ಉದ್ಯೋಗಗಳಿವು.			

ನಿಮ್ಮ ಕುಟುಂಬದಲ್ಲಿ ಯಾರಾದರೂ (ತಂದೆ, ತಾಯಿ ಅಥವಾ ಒಬ್ಬ ಮುಟ್ಟಿದವರಿಗೆ) ಅಧಿಕ ರಕ್ತದೊತ್ತಡ, ಮಧುಮೇಹ ಮತ್ತು ಹೃದಯ ಸಂಬಂಧಿಸಿದ ದಂತ ಯಾವುದೇ ಹೊಂದಿದವರಾ / ಇತ್ತಾ ?	ಇಲ್ಲ	<b>Where and How is this data getting consolidated</b>	
	ಹೌದು		
<b>ಒಟ್ಟು ಅಂಕಗಳ ಮೊತ್ತ</b>			
ಒಟ್ಟು ಅಂಕಗಳು ನಾಲ್ಕು ಸೆಂಟು ಹೆಚ್ಚಿದಲ್ಲಿ ಆ ವ್ಯಕ್ತಿಯ ಅಸಾಂಪ್ರದಾಯಿಕ ರೋಗಕ್ಕೆ ತುತ್ತಾಗುವ ಸಂಭವ ಹೆಚ್ಚಿದ್ದು ಅಂತಹವರನ್ನು ವಾರದಲ್ಲಿ ಒಂದು ದಿವಸ ನಡೆಯುವ ಕಾರ್ಯಾಗಾರಕ್ಕೆ ಭಾಗವಹಿಸಲು ಆದ್ಯತೆ ನೀಡತಕ್ಕದ್ದು.			
<b>ಭಾಗ-ಬಿ : ಈ ಕೆಳಗಿನ ಯಾವುದಾದರೂ ಲಕ್ಷಣಗಳನ್ನು ಹೊಂದಿರುವಿರಾ ಎಂದು ಕೇಳಿ</b>			
ಬಿ. ೧ : ಮಹಿಳೆ ಮತ್ತು ಪುರುಷ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಮಹಿಳೆ ಮತ್ತು ಪುರುಷ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಉಸಿರಾಟದಲ್ಲಿ ತೊಂದರೆ ( ಕಡಿಮೆಯಾಗಿರುವುದು )	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಅಪಸ್ವರದ / ಮೂರ್ಛ ರೋಗದ ಹಿನ್ನೆಲೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಎರಡು ವಾರಕ್ಕಿಂತ ಹೆಚ್ಚು ಕೆಮ್ಮು*	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಬಾಯಿಯನ್ನು ತೆರೆಯುವಲ್ಲಿ ತೊಂದರೆಯಾಗಿರುವುದು	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಕಛದಲ್ಲಿ ರಕ್ತ*	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಬಾಯಿಯಲ್ಲಿ ಹುಣ್ಣು / ಕಲ / ಗುಳ್ಳೆಗಳು ಕಾಣಿಸಿದ್ದು, ಅದು ಎರಡು ವಾರಕ್ಕಿಂತ ಹೆಚ್ಚು ಕಾಲವಿಟ್ಟು ವಾಸಿಯಾಗದಿರುವುದು.	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಎರಡು ವಾರಕ್ಕಿಂತ ಹೆಚ್ಚು ಹೃದಯ ಇದ್ದಲ್ಲಿ**	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಮುಟ್ಟಿನ ನಂತರ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ರೇಹದ ತೂಕ ಕಡಿಮೆಯಾಗಿರುವುದು*	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಶೈಂಗಿಕ ಕ್ರಿಯೆಯ ನಂತರ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ರಾತ್ರಿ ಬೆವರುವುದು*	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಯೋನಿಯಿಂದ ದುರ್ವಾಸನೆಯುಕ್ತ ವಸ್ತುಗಳ ವಿಸರ್ಜನೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಪ್ರಸ್ತುತ ನೀವು ಕ್ರಿಯೆ (ಟಿ.ಬಿ.) ರೋಗಕ್ಕೆ ಮಾತೆಯನ್ನು ಸೇವಿಸುತ್ತಿದ್ದೀರಾ**	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಮಹಿಳೆಯರು ಮಾತ್ರ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ನಿಮ್ಮ ಕುಟುಂಬದಲ್ಲಿ ಯಾರಾದರೂ ಕ್ರಿಯೆ (ಟಿ.ಬಿ.) ಇತಿಹಾಸ**	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಮುಟ್ಟಿನ ನಂತರ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
<b>ಬಿ. ೨ : ಮಹಿಳೆಯರು ಮಾತ್ರ</b>	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಶೈಂಗಿಕ ಕ್ರಿಯೆಯ ನಂತರ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಸ್ವನದ ಊತ ಅಥವಾ ಗಡ್ಡೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ	ಯೋನಿಯಿಂದ ದುರ್ವಾಸನೆಯುಕ್ತ ವಸ್ತುಗಳ ವಿಸರ್ಜನೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಮೊಲೆತೊಟ್ಟಿನಿಂದ ರಕ್ತ ಸೋರುವಿಕೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ		<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಸ್ವನದ ಗಾತ್ರ ಮತ್ತು ಅಕಾರ ಬದಲಾವಣೆ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ		<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಎರಡು ಮುಟ್ಟಿನ ಅವಧಿಯ ನಡುವೆ ರಕ್ತಸ್ರಾವ	<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ		<input type="checkbox"/> ಹೌದು / <input type="checkbox"/> ಇಲ್ಲ
ಮೇಲ್ಕಂಡ ಯಾವುದೇ ರೀತಿಯ ಒಂದು ರೋಗ ಲಕ್ಷಣಕ್ಕೆ ವ್ಯಕ್ತಿಯ ಉತ್ತರ ಹೌದು ಎಂದಾದರೆ ಅಂತಹ ವ್ಯಕ್ತಿಯನ್ನು ತಕ್ಷಣವೇ ವೈದ್ಯಾಧಿಕಾರಿಗಳು ಲಭ್ಯವಿರುವ ಆರೋಗ್ಯ ಕೇಂದ್ರಕ್ಕೆ ವಿಚಾರಿಸುತ್ತಿ ಮಾಡಬೇಕು			
* ಪ್ರತಿಕ್ರಿಯೆ : ಹೌದು ಎಂದಾದರೆ ಕಾರ್ಯಪ್ರವೃತ್ತಿಗಳಿರುವುದು : ಕಛದ ಮಾದರಿಯನ್ನು ಸಂಗ್ರಹಿಸಿ ಹತ್ತಿರದ ಕ್ಷಯ ತಪಾಸಣಾ ಕೇಂದ್ರಕ್ಕೆ ರವಾನಿಸತಕ್ಕದ್ದು.			
** ಪ್ರತಿಕ್ರಿಯೆ : ಹೌದು ಎಂದಾದರೆ ಕಾರ್ಯಪ್ರವೃತ್ತಿಗಳಿರುವುದು : ಎಮ್.ಸಿ.ಟಿ.ಬಿ.ಡಿ / ಎ.ಎಸ್.ಎಮ್. ರವರು ಕುಟುಂಬ ಸದಸ್ಯರನ್ನು ಪತ್ತೆಹಚ್ಚಬೇಕು.			
<b>ಭಾಗ-೨ : ಅನ್ವಯಿಸುವ ಉತ್ತರಗಳಿಗೆ ವ್ಯತ್ಯವನ್ನು ಹಾಕಿ</b>			
ಅಡುಗೆ ಮಾಡುವುದಕ್ಕೆ ಉಪಯೋಗಿಸುವ ಇಂಧನದ ವಿಧಗಳು : ಹೌದೆ / ಬೆಳೆಯ ಉತ್ಪನ್ನಗಳು / ಸಗಣೆಯ ಬೆರಣೆ / ಕಲ್ಲಿದ್ದಲು / ಸೀಮೆಎಣ್ಣೆ ಎಲ್. ಪಿ. ಜಿ. ಗ್ಯಾಸ್.			
ವೈಯ್ಯಾದರಿತ ಆಹಾರಗಳು : ಬೆಳೆಯ ಉತ್ಪನ್ನಗಳನ್ನು ಸುಡುವಿಕೆ / ಕಸ ಹಾಗೂ ಒಣಗಿದ ಎಲೆಗಳನ್ನು ಸುಡುವಿಕೆ / ಕಾರ್ಬೋನೇಟ್ ಗ್ಯಾಸ್ ಮತ್ತು ಹೋಗೆಯೊಂದಿಗೆ ಕೆಲಸ ಮಾಡುವುದು / ಬ್ರೀಕ್ ಮತ್ತು ಗಾಜಿನ ಕಾರ್ಬೋನೇಟ್ ಕೆಲಸ ಮಾಡುವ / ಇತರ ಉದ್ಯೋಗಗಳಿವು.			





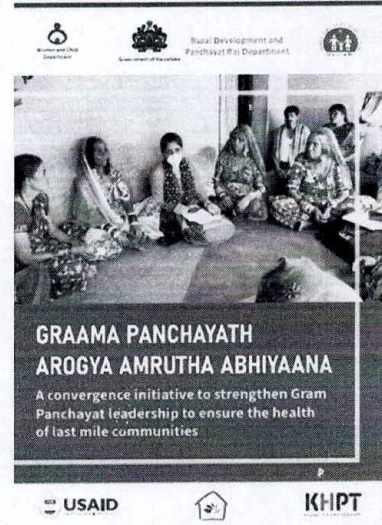
One third members are women

**Gram Panchayath**  
- **6022**  
**30,110**



**ABDUL NAZIR SAB STATE INSTITUTE OF RURAL DEVELOPMENT  
AND PANCHAYAT RAJ**

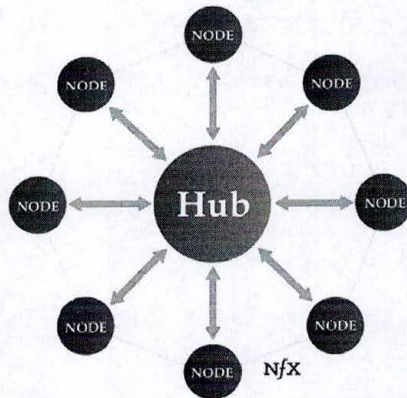
1c AUB -Metrorrhagia, Oligomenorrhoea, Amenorrhoea- irregular bleeding in high risk group (obese, hypertensive,diabetic, family history of endometrial /cervical cancers), AUB in women > 40 years of age, OR Persistent dysmenorrhea



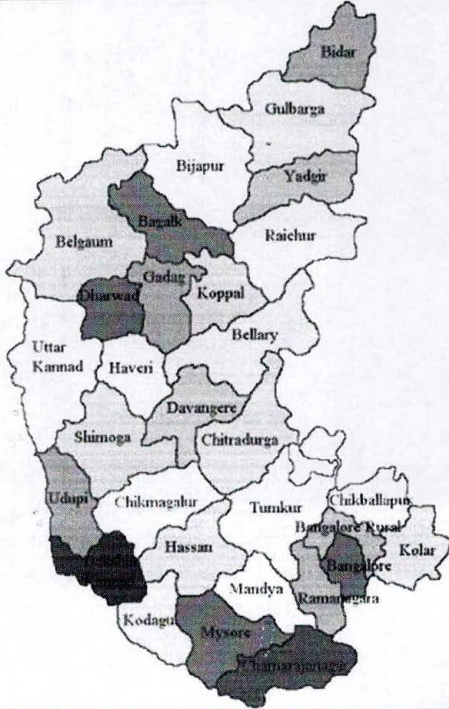
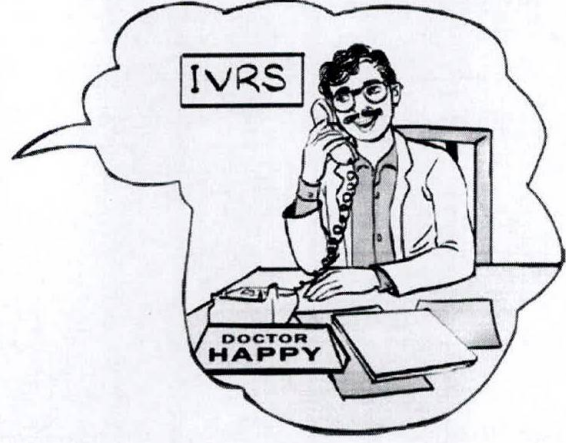
Key components of a communication strategy to address unnecessary hysterectomy

6 Post hysterectomy follow up of woman who had Hysterectomy before 45 years of age

**Hub & Spoke**




90080 54321 ಗೆ ಮಿಸ್ ಕಾಲ್  
ಮಾಡಿ ನೋಂದಾಯಿಸಿದರೆ  
ಡಾ|| ಹ್ಯಾಪಿ ನಿಮಗೆ ಫೋನ್ ಮಾಡಿ  
ಬಿಪಿ ಮತ್ತು ಸಕ್ಕರೆ ಖಾಯಿಲೆ ಬಗ್ಗೆ  
ಸಮರ್ಪಕ ಮಾಹಿತಿ ಉಚಿತವಾಗಿ  
ನೀಡುತ್ತಾರೆ.




**Government Sector ABARK Empanelled - 2906**

**Private Sector ABARK Empanelled - 538**





**Ayushman Bharat  
Arogya  
Karnataka**  
ಆರೋಗ್ಯ ಕರ್ನಾಟಕ



**आयुष्मान  
भारत**  
प्रधान मंत्री जन स्वास्थ्य योजना

Sl. no.	Speciality code	Procedure code	Procedure name	Rates	Pre-op	Post-op
161	S4	2B.S4.00010	2B.S4.00010 : Vaginal hysterectomy with anterior and posterior colponerineorrhaphy	16000	Relevant Hematological investigations / Clinical notes	OT Notes and HPE
165	S4	2B.S4.00023	2B.S4.00023 : Laparoscopic hysterectomy (TLH)	20000	Ultrasonography, X Ray, ECG, LFT,RFT, FBS, PPBS, T3,T4,THS	HPR,OT notes
182	S4	2B.S4.17016	2B.S4.17016 : Lap. Assisted Vaginal Hysterectomy (LAVH)	11500	Ultrasonography, X Ray, ECG, LFT,RFT, FBS, PPBS, T3,T4,THS/ Endometrial Biopsy/Cervical biopsy	HPR,OT notes



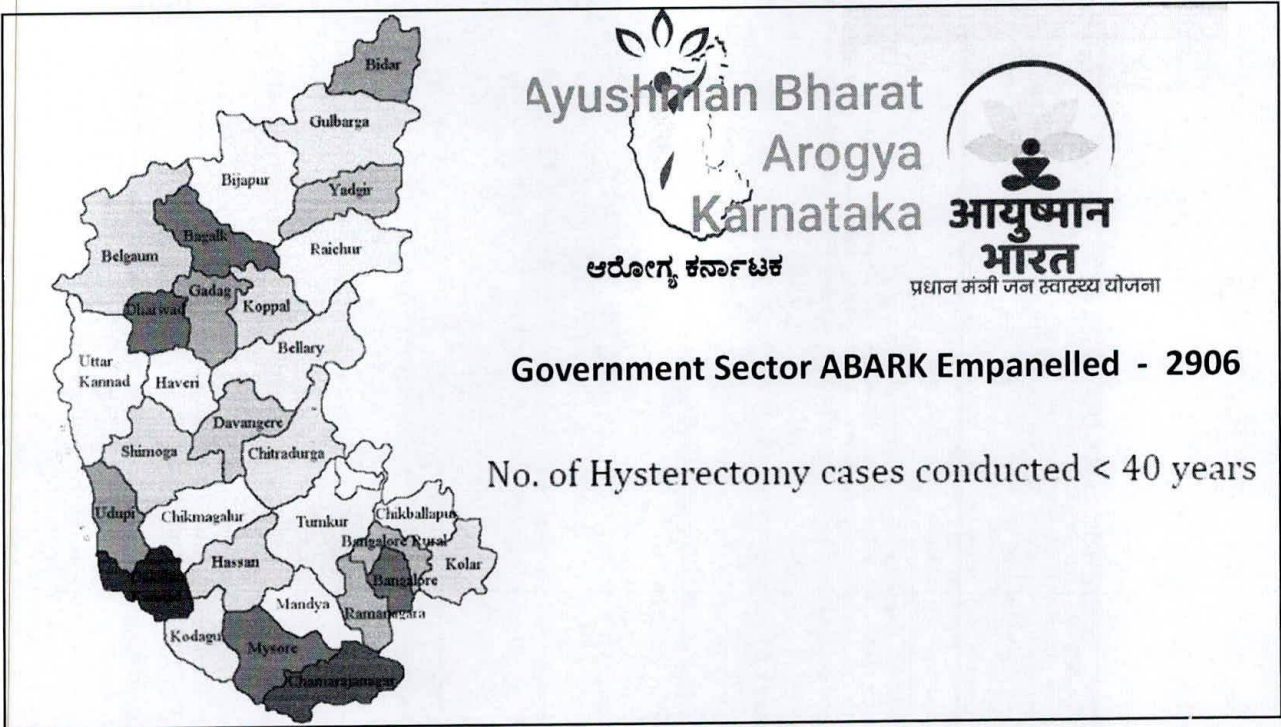


**Ayushman Bharat  
Arogya  
Karnataka**  
ಆರೋಗ್ಯ ಕರ್ನಾಟಕ



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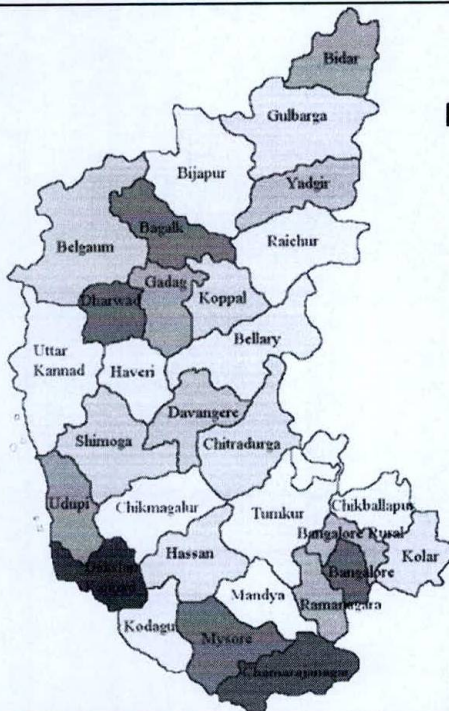
Government Sector ABARK Empanelled - 2906



## How do we pick sites for mentoring?

- Total number of hysterectomy in the site past 3 years = 150
- Total number of hysterectomy in less than 40 years since past 3 years = 10
- $10 * 100 / 150 = 1000 / 150 = 6.6\%$

Site	Total Hyst	Hyst <40	%
1	200	30	15%
2	400	10	3%
3	50	9	18%
4	30	7	23%
5	600	50	8%
6	250	15	6%
7	100	15	15%
8	350	65	19%
<b>Total</b>	<b>1980</b>	<b>201</b>	<b>10%</b>



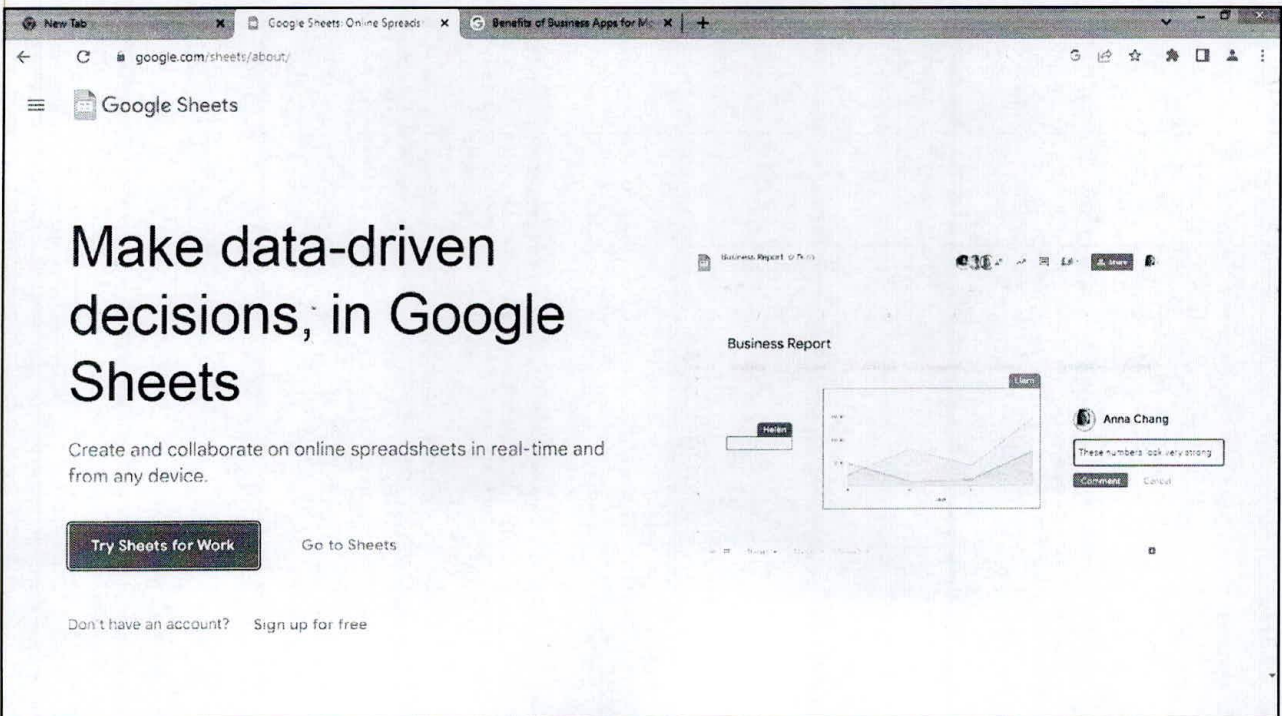
Private Sector ABARK Empanelled -

538

## Health Insurance

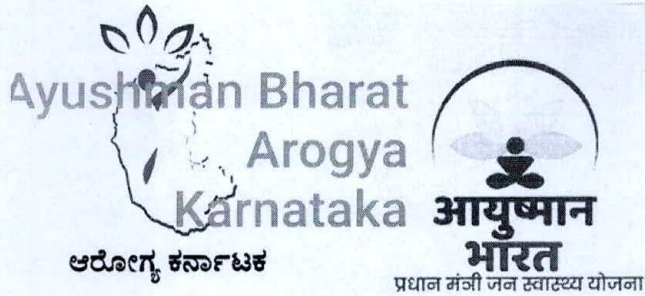


- Age
- Parity
- Occupation
- Indication of hysterectomy
- Previous medical/surgical history
- Hysterectomy route:
  - Abdominal
  - Vaginal
  - Laparoscopic
- Any other surgery done along with hysterectomy:
- Past treatment history:
- HPE:

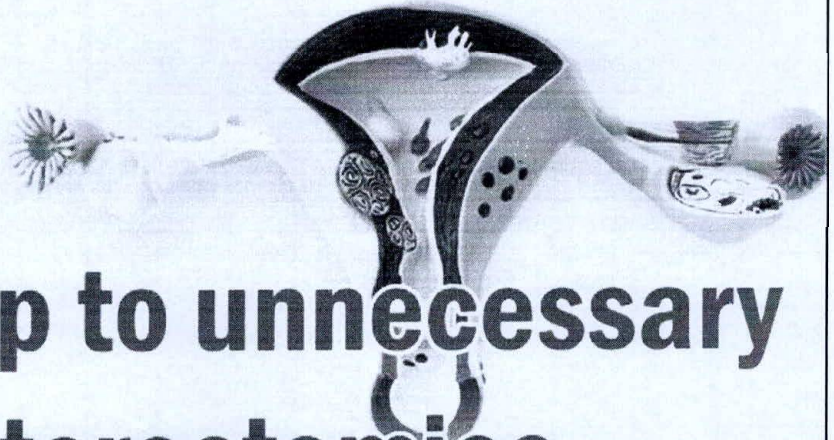


### District Hysterectomy Monitoring Committees

A **District Hysterectomy Monitoring Committee** must be set up in each district to enable effective monitoring. The committee must be set up under the chairpersonship of District CMO, NCD Nodal, District RCH Nodal Officers / Maternal Health Nodal Officers, other key government personnel at the district level, representatives from FOGSI (both public and private sector), representatives from development partners etc. The monitoring committee is expected to:



**Put a stop to unnecessary  
Hysterectomies**

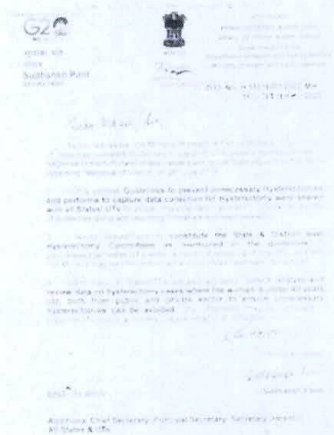


# GUIDELINES TO PREVENT UNNECESSARY HYSTERECTOMIES

DR RUPALI ROY, ADG  
DTE.GHS, MOHFW,  
NIRMAN BHAWAN, DELHI

## Background

- Hysterectomy emerged as a health concern since 2013
  - Low age at hysterectomy (<40 years) emerged in NFHS-4
  - Some states with high prevalence, up to 1 in 5 women by age 50
- MoHFW consultation in 2019 with experts to develop:
  - Clinical and population-level guidelines on hysterectomy
  - Information on treatment of gynecological morbidity
  - Strategies for community awareness
- 2023 Supreme Court response to PIL mandated the implementation of MoHFW guidelines .
- As per NFHS 5 (2019-21), **Percentage of women who have had a hysterectomy in Karnataka is 3.4**



## Purpose of the guidelines

- **Guidance** to public health programme managers on measures to address unnecessary hysterectomy at the **facility level**
- Strategies for **monitoring** and **community awareness** generation activities
- **Clinical guidelines** on **common conditions** that have emerged as indications for hysterectomy
  - AUB/DUB, lower abdominal pain, discharge, uterine prolapse, abnormal cervix etc.
- **Audit** and **data collection** forms

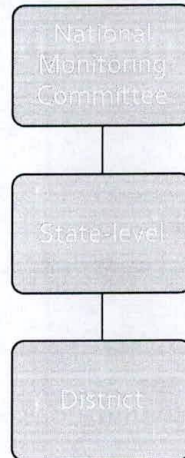
## Programmatic Guidance

*Provides guidance to Programme Managers on:*

- 1) **Interventions** at primary, secondary and tertiary level
- 2) **Capacity strengthening** of secondary and primary level service providers (Medical Officers, Staff Nurses, CHOs, LHV/ANM) on women's health needs for gynecological services
- 3) **Referrals** and Continuum of Care, starting with HWCs
- 4) **Awareness Generation**
- 5) Ensuring appropriate use of **health insurance/PM-JAY**

## Monitoring & Evaluation

*Guidelines mandate establishment of 3-tiered monitoring structure*



## National Hysterectomy Monitoring Committee

Chairperson AS&MD, NHM

Members Officials from Directorate, NCD, ICMR, MH

### Role

- **Meet once** in every **six months** and **review state level data**
- Arrange necessary **trainings and sensitization sessions** for both public and private sector
- **Review** the landscape and take necessary **policy decisions** as required
  
- Sub-committees on IEC, alternative treatments and clinical protocols



## State Hysterectomy Monitoring Committee

Chairperson    Principal Secretary

### Members

- State level Director Public Health - Nodal Officer
- NCD State program officer
- RCH/FW/MH programme officers
- FOGSI members(public and private sector)
- Development partners

### Role

- Meet **once in every six months** and **review district level data**
- Arrange necessary **trainings and sensitization sessions** for both public and private sector professionals and district officials.

## District Hysterectomy Monitoring Committee

Chairperson    District CMO

### Members

- NCD Nodal Officer
- District RCH Nodal Officers / Maternal Health Nodal Officers
- FOGSI members (public and private sector)
- Development partners

### Role

- Ensure public and private sectors submit a **monthly line list** of all women who underwent hysterectomy
- **Monthly Audit of cases with following indications:**
  - Hysterectomy with/ without BSO in women <35 yrs. of age
  - Hysterectomy with BSO in women < 40 yrs. of age
  - All cases where no indication for doing the procedure is mentioned in the records
  - All cases where no records of treatment prior to hysterectomy (in papers or in history) are available
  - Discrepancy between mentioned indication and HPE report
  - Any severe morbidity/mortality due to hysterectomy
- Arrange necessary **trainings and sensitization sessions** for both public and private sector professionals

# State-level Data Collection

Details of Hysterectomy done in one month in State's/UT's

Name of the State's/UT's.....

Month.....Year.....

S.No.	ID No. /Serial no/Cen tral Registr ation	Age	Town/ city/ district	Name and address of facility where surgery was done (Registration No)	Public facility/ Private facility	Age at time of hystere ctomy	Gynaec ologist General surgeon	Surgery perform ed by Obstet Live	abdomi nal/ laparosc opic/ vaginal	Indicatio n for hystere ctomy Open /AUB/ Fibroid/ Prolapse /Maligna ncy/Othe rs	Whether ovaries were removed One/ Both	Any hystere ctomy related complic ations (list)	Histopat hology Report Specime n Remove d	Durati on of illness to surger y Hormonal/ NG/others	Treatment taken prior to treatment / gCo emarm s if any

## Clinical protocols

Guidelines detail out treatment modalities available for common indications of hysterectomy:

- Abnormal Uterine Bleeding/ Dysfunctional Uterine Bleeding
- Uterocervicovaginal Prolapse
- Vaginal Discharge
- Pelvic Inflammatory Disease (PID)
- Abnormal Cervix

*\*This is a developing area, in partnership with gynaecologists*

## Awareness Generation

- Can use **existing platforms** such as Village Health Sanitation and Nutrition Committees, Women's Self-Help Groups, Mahila Arogya Samities, and Rogi Kalyan Samities at PHC, CHC and district hospitals
- Focus on **removing myths and misconceptions** in the community and **raising awareness** on menstrual hygiene practices
- **Emphasis: hysterectomy is not the first choice of treatment** for most conditions

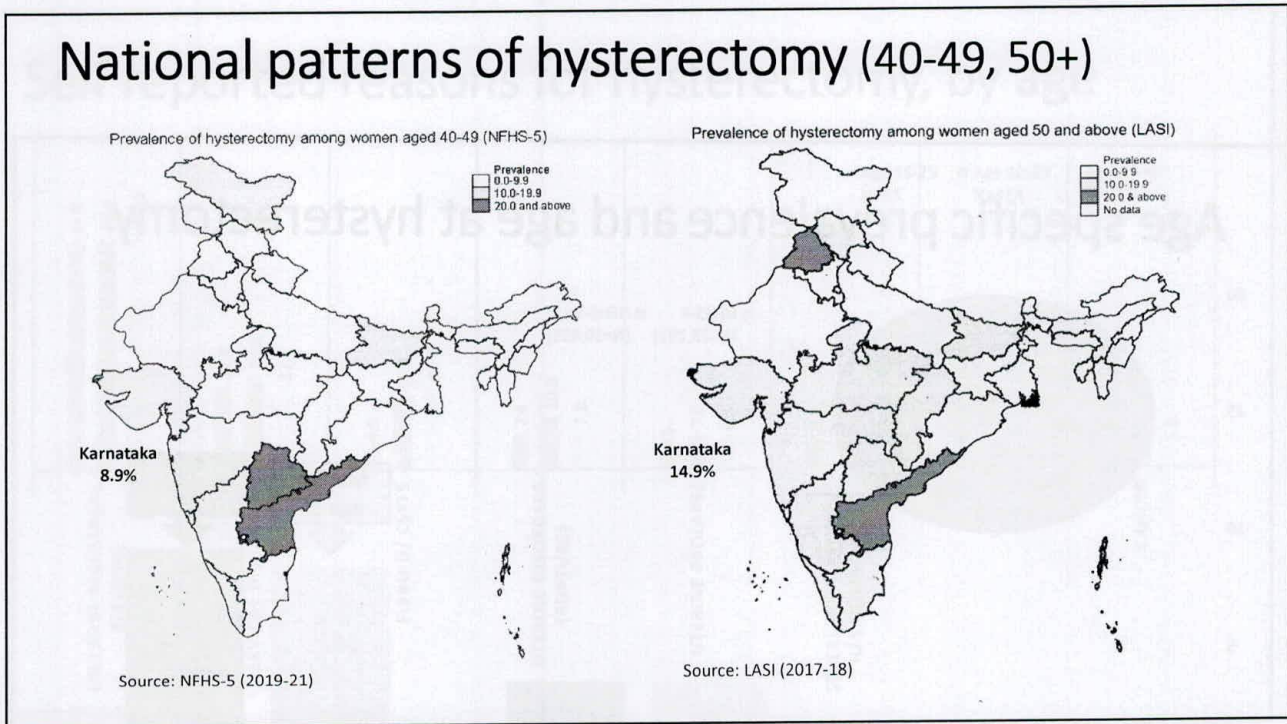
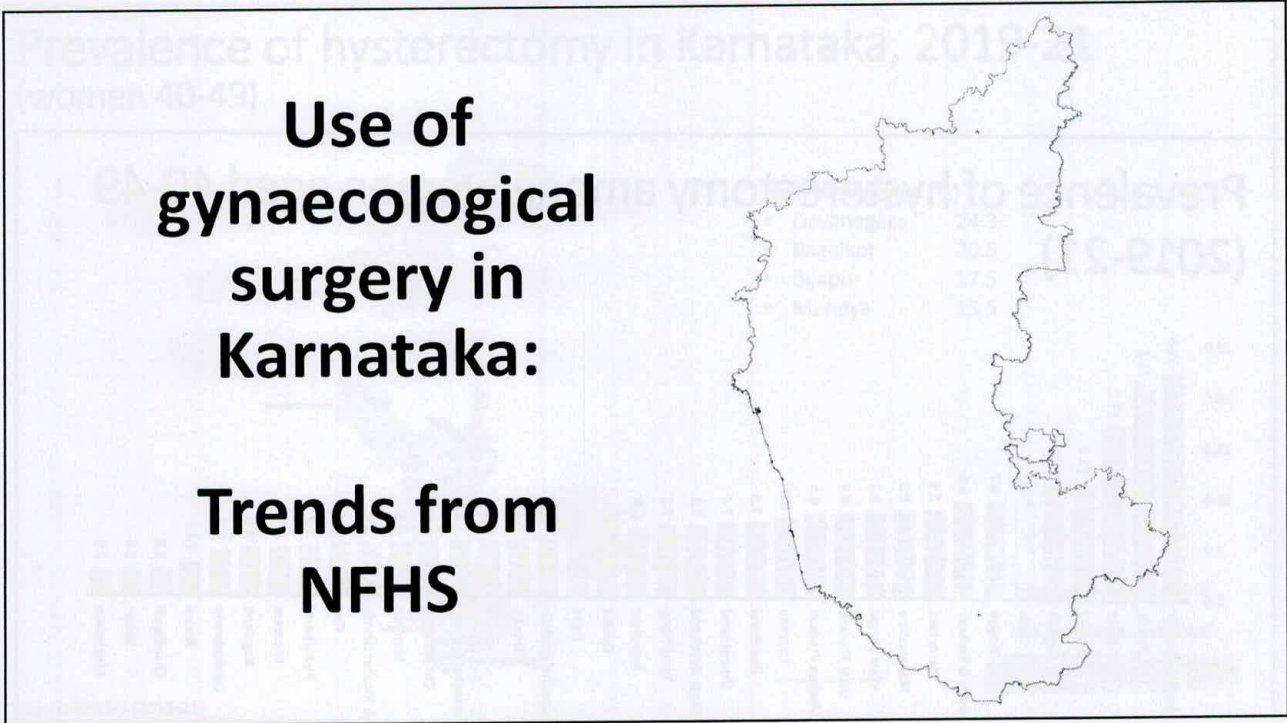
## Current Status

- States in process of forming Committees
- Sub-committee on IEC and Alternative Treatments at national level
- Available data will be analysed by ICMR in coming months
- NFHS and LASI continue to include hysterectomy at population level
- Consultations for feedback on guidelines

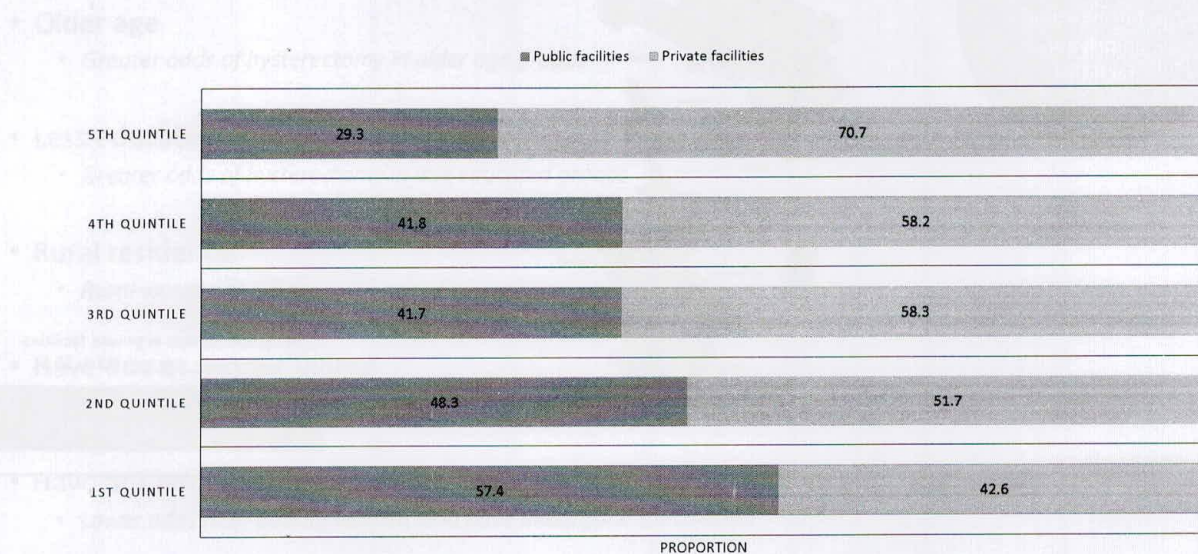


**THANK YOU**

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## Place of hysterectomy, by wealth quintile of households



Source: NFHS-5 (2019-21)

## Hysterectomy and NCDs

## Hysterectomy and NCDs later in life

*Findings from the LASI study, 2017*

A nationally representative sample of women, aged 45 and up in India:

A woman with hysterectomy had....

**1.5 times** higher odds of **hypertension**

**1.7 times** higher odds of **diabetes**

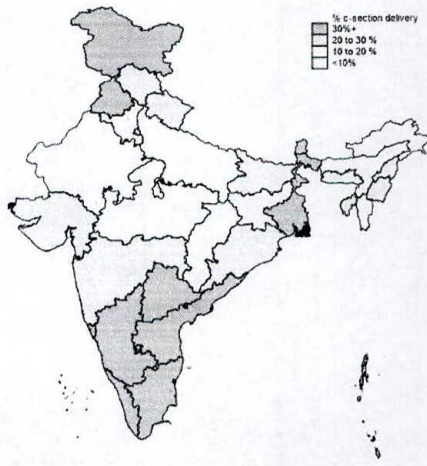
**1.5 times** higher odds of **bones/ joint diseases**

when compared with women without a hysterectomy

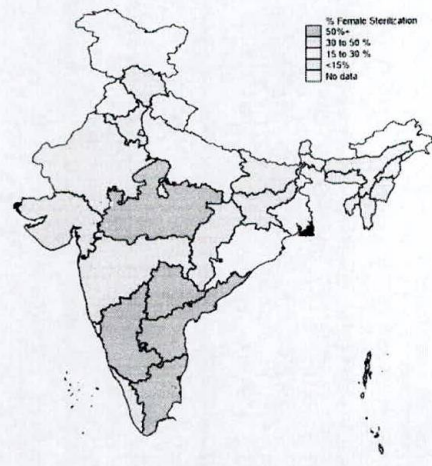
*Adjusted for age, education, marital status, wealth status, caste, religion, urban/rural location, BMI category.*

## C-section and Sterilisation

# National Patterns



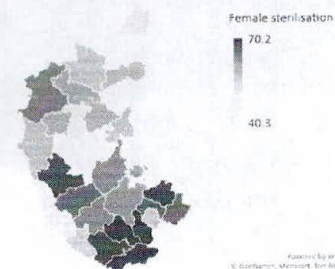
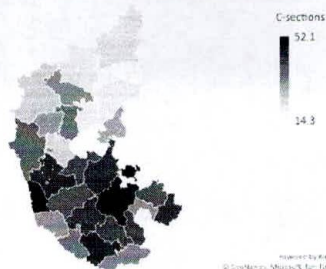
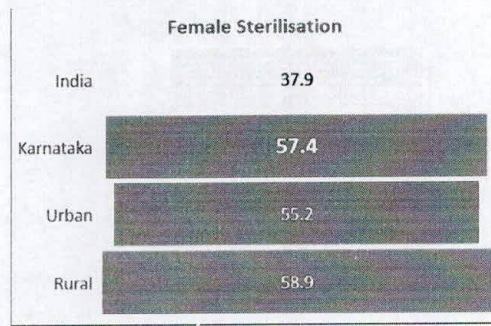
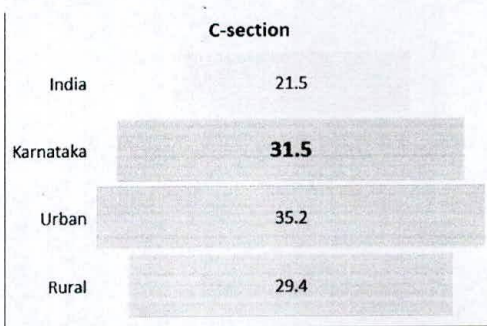
**C-section**



**Female Sterilisation**

Source: NFHS-5 (2019-21)

## C-sections\* and Female Sterilisation



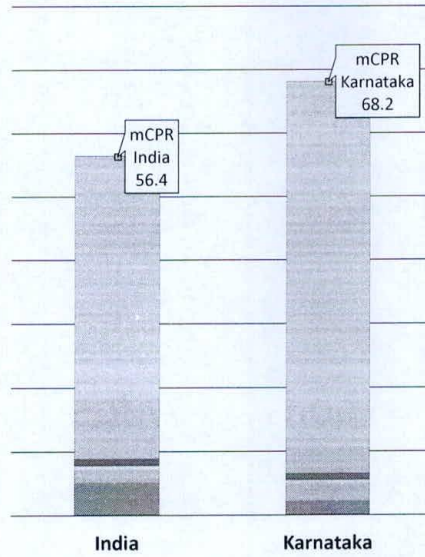
\*: all births in last 5 years, NFHS 5 (2019-21)

Source: NFHS-5 (2019-21)



## Modern contraceptive method mix, married women 15-49

- Female Sterilization
- Male Condom
- Standard Days Method (SDM)
- Other Modern Method
- Emergency Contraception
- Foam Or Jelly
- Female Condom
- Lactational Amenorrhea (Lam)
- Male Sterilization
- Diaphragm
- Injections
- IUD
- Pill
- mCPR



Method	India	Karnataka
Pill	5.1	2.1
IUD	2.1	2.9
Injections	0.6	0.5
Diaphragm	0	0.0
Male Condom	9.5	4.1
Female Sterilization	37.9	57.4
Male Sterilization	0.3	0.0
Lactational Amenorrhea (Lam)	0.7	0.7
Female Condom	0	0.2
Foam Or Jelly	0	0.0
Emergency Contraception	0.1	0.1
Other Modern Method	0	0.0
Standard Days Method (SDM)	0.2	0.1
<b>mCPR</b>	<b>56.4</b>	<b>68.2</b>

Source: NFHS-5 (2019-21)

# Thank you

Sapna.i.desai@gmail.com

# **Public Health & Women's Health Perspectives**

**Roles & responsibilities  
as health practitioners**

**18<sup>th</sup> December 2023**

**Roundtable on 'Access to Rational Care for  
Gynaecological morbidities & Prevention of Unnecessary  
Hysterectomies**

**Dr. Thelma Narayan  
SOCHARA- Bangalore**

## **The Essence of Public Health**

- PH aims to protect, promote & restore population health through organised systematic efforts ie it's societal in scope w
- Community health influences PH through 'communitisation' of the health system
- PH utilises government action, & is influenced by power of the state & how it is exercised. Tensions can arise with people
- & may exist between clinical (individual) care and PH programs

2

## Public Health Ethics

- Tries to bring greatest benefit to health & well being of populations, while attempting to minimise disruption of individual rights and autonomy
- process to clarify, prioritise, and justify possible courses of public health action based on ethical principles, values and beliefs of stakeholders, and scientific and other information

## Women's Health

- DIGNITY OF WOMEN AS INDIVIDUAL PERSONS

EQUAL STATUS FOR WOMEN IN SOCIETY

Hey! There is more to me than just my womb!



## **A framework for Women's Health**

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- **Women's Right to Health and Quality Health Care**
- **State obligations to promote & protect women's health rights**
- **Medical ethics & rights of women as patients**
- **Laws & policies related to health**

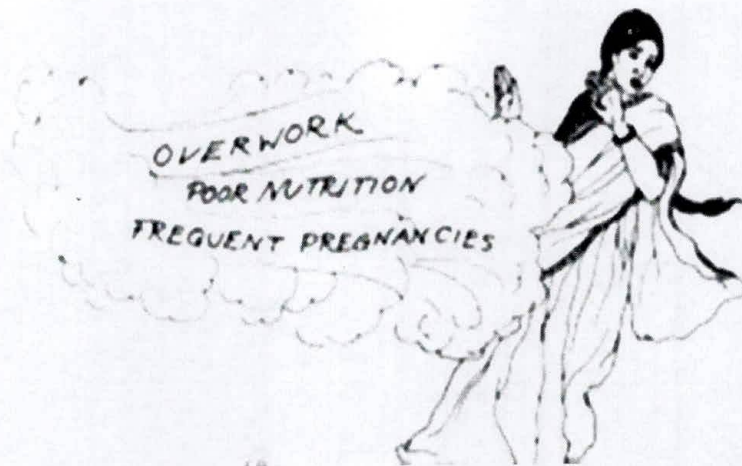
## **Issues affecting Women's Health**

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- **Violence against women: a public health & human rights issue. This includes unnecessary surgery**
- **Social determinants of health (SDH) underlying unnecessary hysterectomies**
- **Access to care for women with special needs**

***FACTORS AFFECTING  
WOMEN'S HEALTH***

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**Policy Overview  
the paradox  
and the crisis**

## **Realizing the Universal Human Right to Health**

**Address underlying societal determinants of health, illness & health care provided**

**Work related stress for women**

**Financial pressures**

**Inadequate understanding of consequences of procedures**

**Poor governance of the health system**

**Accountability mechanisms**

## **Inter – Connected Rights**

**Social**

**Economic**

**Political**

**Civil**

**Cultural**

**Rights**

**The Right to**

**Health and**

**Health Care**

**Universal Health**

**Care**

**Universal Social**

**Protection**

## **Human Rights Commitments**

---

- **UDHR (Universal Declaration of HR) 1948**
- **CEDAW (Convention on the Elimination of All forms of Discriminations Against Women) 1979**
- **CRC (Convention on Rights of the Child); UN Resolution on Child, Early and Forced Marriage, 2013**

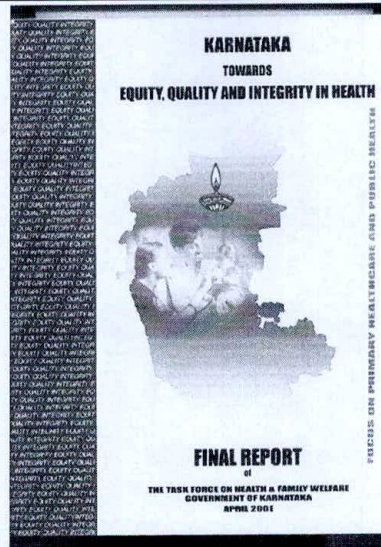
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## **DEVELOPMENTS – IN THE LAST TWO DECADES**

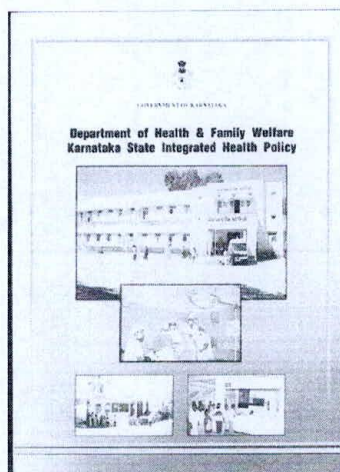
### **Signs of Hope**

CHC  
1999

## Karnataka Task Force on Health and Family Welfare 2001 Recommendations for Human Resource Development in Health



## Karnataka State Integrated Health Policy 2003





## **Health Policy concerns Govt. of Karnataka 2004**

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### **WOMEN**

**AS A WHOLE PERSON**  
**ENTIRE LIFE – life cycle approach**  
**EMPOWERMENT**  
**COMMUNITY DEVELOPMENT**  
**ENHANCE ACCESS TO HEALTH CARE**

---

### **MALE PARTICIPATION**

**GENDER SENSITISATION OF THE HEALTH SYSTEM**

15

## **GENERAL OBJECTIVES OF THE POLICY**

---

- **IMPROVE WOMEN'S HEALTH STATUS**
  
- **IMPROVE WOMEN'S ACCESS TO  
QUALITY HEALTH CARE**
  
- **MAKE HEALTH SERVICES GENDER  
SENSITIVE & WOMEN FRIENDLY**

16

## Women's voices for women's health

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We are Women!  
And we form half  
of humanity.

We do two third  
of its work!

And we own only  
one-hundredth of  
its property.

But we earn only  
one-tenth of its  
income



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## THE CHALLENGES AHEAD

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## **CAN WE OFFER WOMEN A BETTER WORLD?**

■ **WHERE WE ARE  
HEARD ?**

■ **WHERE WE  
MATTER?**

**TOGETHER,  
LET US DEVELOP A  
DEEPER  
UNDERSTANDING  
REGARDING WOMEN'S  
HEALTH**



19

Hey! There is  
more to me than  
just my womb!

❖ **DIGNITY**

❖ **PERSONHOOD**

❖ **SELF REFLECTION**





**PRESERVE THE UTERUS-AWARENESS AND  
IMPROVING GYNAECOLOGICAL CARE AND  
PREVENTION OF UNNECESSARY  
HYSTERECTOMIES**

Dr Shashikala Karanth  
Professor and HOD  
SJMCH



- 
- Health of women is paramount to ensure the health of communities and the nation
  - “Awareness is the key to initiate informed decision making when it comes to women’s health



- Preserve the uterus Campaign launched nationwide 20<sup>th</sup> April 2022 – pharmaceutical company in Partnership with FOGSI and The Integrated Health and well being Council (IHW)
- Aim to Raise awareness among women
- sensitize and Educate health care practitioners through Knowledge sharing and upskilling workshops across the country via virtual and physical meetings
- Help Women to understand alternative treatment for minor gynecological issues



## REASON FOR UNNECESSARY HYSTERECTOMIES



- Indian women, especially those living in small towns and villages, have poor knowledge of their reproductive health
- Fear of cancer
- Abnormal uterine bleeding
- Public health insurance
- Relate all somatic symptoms to uterus
- RMP/GP-Counsel the patient for hysterectomies



## REASON FOR UNNECESSARY HYSTERECTOMIES CONTD.....



- Lack of integrated broadminded approach among Doctors
- White discharge PV
- Attitude towards women's health
- Taboo-
- Lack of support from family member for follow up



## MOST COMMON INDICATION FOR HYSTERERCTOMY



IS THE MOST COMMON SURGERY IN WOMEN AFTER CAESAREAN DELIVERY IN INDIA

THE MOST COMMON INDICATIONS FOR HYSTERECTOMY IN INDIA ARE:

- FIBROIDS(45%)
- HMB(31%)
- CERVICAL DYSPLASIA (3%)
- PELVIC INFLAMMATORY DISEASE AND
- ENDOMETRIAL HYPERPLASIA
- PROLAPSED UTERUS AND CERVICAL CANCER ARE OTHER CONDITIONS THAT MAY NECESSITATE HYSTERECTOMY



## ALTERNATIVE TREATMENT



- healthcare practitioners actively favoring more conservative approaches
- Alternative methods of treatment to hysterectomy
  - Excessive menstrual bleeding- oral Tablets- hormonal , non hormonal
    - hormonal Injection
    - LNG-IUCD
  - Fibroid- removal fibroid (Myomectomy) / Uterine artery embolization
  - Abnormal Pap smear-conservative treatment
  - PID-Antibiotic treatment



## HIDDEN HARMS OF THE HYSTERECTOMY



- The surgery is often accompanied by removal of ovaries to reduce the risk of ovarian cancer.
  - There may be vaginal burning, increased urinary frequency and early onset of menopause.
- Women who have undergone hysterectomy tend to have increased incidence of heart disease(3 fold) and may also show symptoms of osteoporosis in an early age.
- Depression
  - Metabolic disorders
  - Dementia

**One of the studies**-went further and looked at risk by age at hysterectomy. It found that “Women who underwent hysterectomy at age  $\leq 35$  years had a 4.6-fold increased risk of congestive heart failure and a 2.5-fold increased risk of coronary artery disease



## AWARENESS



### Field level

- ANM
- Anganwadi
- Screening program
- Peer group education
- Family health physician
- Awareness about menstrual hygiene among adolescence
- Inform women about consequences of hysterectomy
- educate women in Local language



## AWARENESS-CONTD



### Doctors

- CME
- Uterine preserving surgeries
- Physiotherapy
- Implementation or follow guidelines and manage accordingly
- Training towards less invasive methods than indication for hysterectomy
- Appoint trained counselor
- Attitude





## AWARENESS



### Patient

- Educate the patient regarding alternative medication
- Effective counselling-helps her to make a choice
- Regular health check up
- Educate family member



## AWARENESS



### Public

Public-private partnerships (PPPs) in addressing complex health challenges in women's health like Heavy Menstrual Bleeding and giving an overview of the path breaking work that has been doing in the realm of women's health.

Prayas and Sochara also doing the awareness program to bring down the unnecessary hysterectomy



## CONCLUSION



- Uterus is not a vestigial organ once family is complete
- Removing uterus should be last option and not the first one
- Hysterectomy on demand should not be entertained
- Do evidenced based counselling –don't create phobia for uterine cancer
- Decision to do hysterectomy is in the domain of gynecologist and not the surgeons



## TAKE HOME MESSAGE



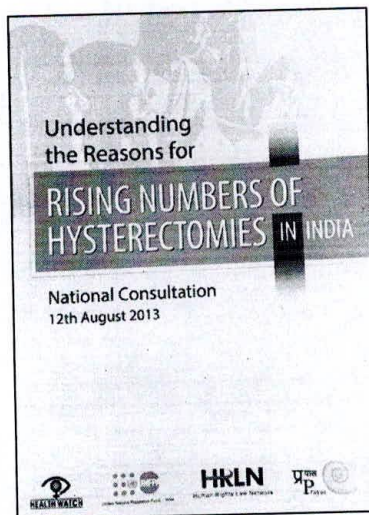
The need of the hour is to come forward and support the campaign for better health of our women and families.

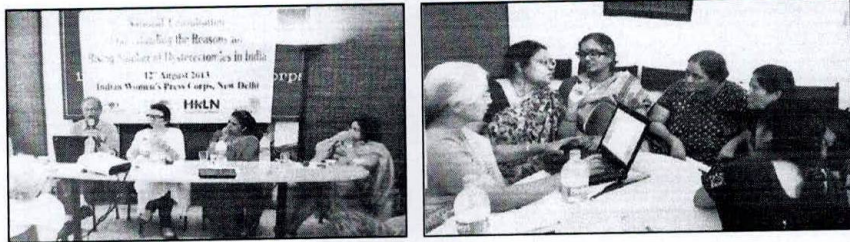


**IMPROVING GYNAECOLOGICAL CARE TO PREVENT  
UNNECESSARY HYSTERECTOMIES**

**ROUND TABLE**

Dr. Narendra Gupta  
Prayas





*Storm surges often kill seven times more people than severe but storm surge-free cyclones*

### Loss of lives...

Most lives are lost during a cyclone on account of floods and the devastating storm surges that often accompany cyclones. In severe cyclonic storms with storm surges, more than 90 per cent of the fatalities occur from drowning, either during the incoming water phase or during the (usually more devastating) out-surges. In severe cyclonic storms without storm surges, the deaths are more or less evenly divided between drowning and the collapse of buildings.

Storm surges, or mini-tsunamis, are essentially huge amounts of water sucked up by the low pressure at the eye and then propelled forwards and outwards by the driving winds on the outwalls. Storm surge height (up to seven metres) and length (up to 50 km) depends on the tides, the rate of water runoff from the land, onshore winds, and the coastal configuration. They cause the most havoc when they are receding. On an average, storm surges kill seven times more people and damage three times more crops than severe but storm surge-free cyclones (Winchester, Peter, 1992).

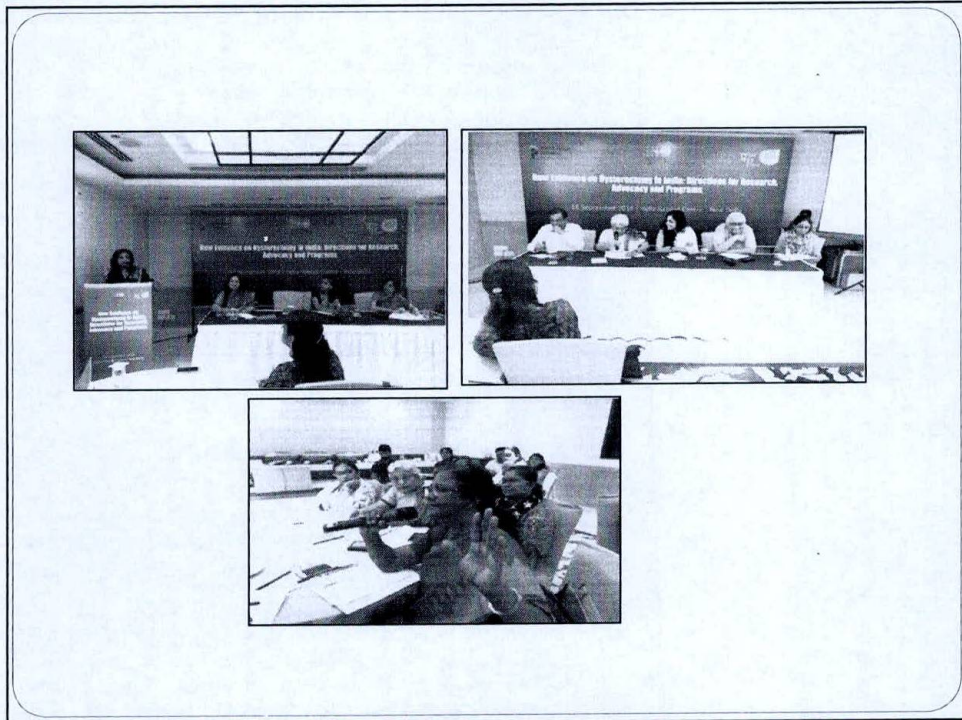
For instance in the November 1977 cyclone that hit the Krishna-Guntur-Prakasam-West and East Godavari districts in Andhra Pradesh, storm surges rose to as much as 9-20 ft, were 80 km long and 24 km deep, and shot up the death toll to over 8,000, one of the highest figures ever recorded.

### Injury, health impact

One important aspect that requires attention in the aftermath of cyclones is the injuries and other health impacts on the affected populace. The most common debilitations are waterborne diseases such as diarrhoea, dysentery, typhoid, viral hepatitis; respiratory diseases such as pneumonia and whooping cough, and other diseases such as chicken pox, measles, gastroenteritis, cholera, conjunctivitis and fever. Of late, experts have pointed out that the affected people may suffer from long-term Post-Traumatic Stress Disorder (PTSD), characterised by a high incidence of divorce, alcoholism and suicide.<sup>1</sup>

---

<sup>1</sup> Sharma, VK and Singh, R, *Psychosocial Consequences of Disasters: Case Study of the 1996 AP Cyclone*, paper presented at the National Workshop on Psychosocial Consequences of Disasters, NIMHANS, Bangalore, 1997



## Terminology

This report uses the term 'agencies' to refer to humanitarian actors such as the Red Cross movement, United Nations (UN) agencies, international non-governmental organisations (INGOs), and the aid administrations of donor governments. It uses 'affected population' to refer to the people affected directly by the disaster. These may relate to aid agencies directly or through their regional and national political structures, depending on the context.

The term 'relief' in the report refers to immediate aid to prevent distress and suffering and the term 'recovery' to rebuilding people's economic and social lives after the disaster. The term 'local capacities' refers not only to the resources, skills and knowledge of the local community, but also to their ability to set and influence policies and to hold accountable those with a duty toward the community (such as the aid agencies who raised money to help the affected populations).

'Ownership' in this report refers to the control of the response, to decisions about programme policies and priorities and the nature of the response.

## Limitations

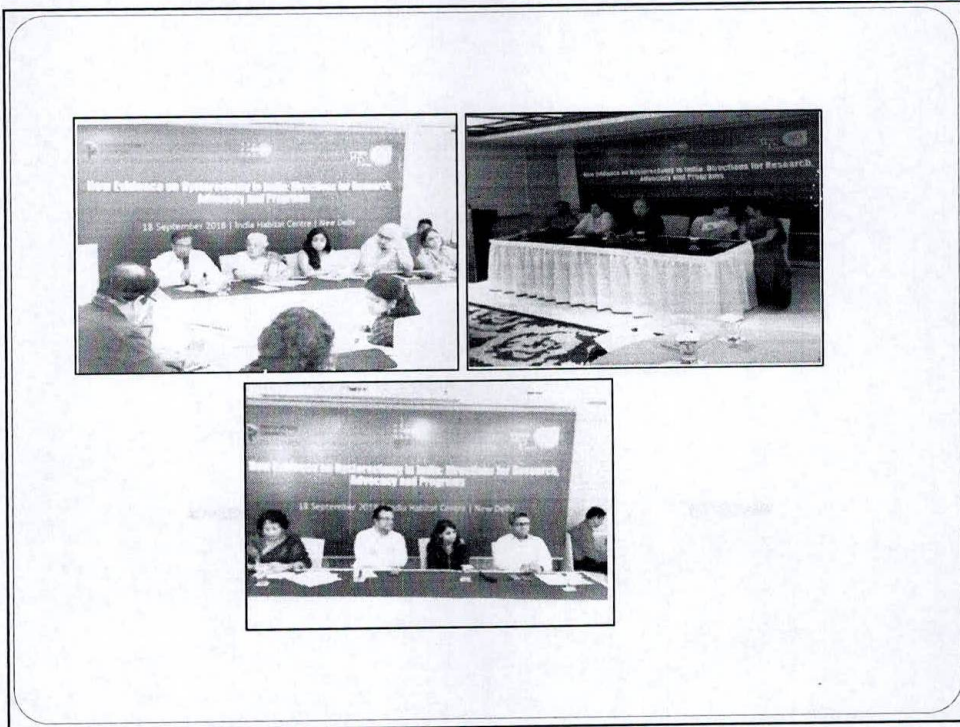
The tsunami was a sudden-onset natural disaster and the worst affected countries were middle-income countries with well-developed local capacities. While some may think this might limit the general applicability of the TEC recommendations, not only do the operational problems seen in the tsunami response mirror those seen in complex political emergencies like Rwanda in 1994 or Kosovo in 1999, but lower income countries can also have significant local capacities. While every humanitarian crisis needs to be considered in its own context, the TEC recommendations are therefore considered to be more broadly applicable – and indeed are probably applicable in the majority of such crises.

The TEC focused on the first 14 months of the response by the international humanitarian community. It took a sector-wide approach rather than looking at individual agencies. The TEC reports make some reference to local organisations and national governments, but these were not the main object of the TEC evaluations. As a result the recommendations from the TEC are mainly, with a few exceptions, for humanitarian agencies rather than for the people and governments of the affected countries. The TEC reports do not reflect changes in practice that may have occurred after the first 14 months. In particular the report does not deal with the efforts toward humanitarian reform, including the cluster coordination model and the strengthened Central Emergency Response Fund (CERF).

## Summary of TEC findings

The TEC studies found the international response to the tsunami disaster helped the affected people and reduced their suffering. They identify many examples of good practice in emergency response, and some welcome innovations. However, overall the studies conclude that the response did not achieve the potential offered by the generous funding.





**SECRETARY**  
Ministry of Health & Family Welfare  
Department of Health and Family Welfare  
Ministry of Health and Family Welfare  
GOVERNMENT OF INDIA  
DC No H/1016/2022/MH-1  
New Delhi, India

**Additional Chief Secretary, Principal Secretary, Secretary (Health)**  
All States & UTs

## GUIDELINES TO PREVENT UNNECESSARY HYSTERECTOMIES

MINISTRY OF HEALTH & FAMILY WELFARE

**1. In this context, Guidelines to prevent unnecessary Hysterectomies and perform to capture data collection for Hysterectomy were shared with all States, UTs for their respective States and Union Territories. A copy of the file along with the following link is shared herewith.**

**2. Each State/UT is to constitute the State & District level Hysterectomy Committees as mentioned in the guidelines and report the status of work to the Department of Health and Family Welfare, Ministry of Health and Family Welfare, Government of India.**

**3. All States/UTs are to collect, analyse and review data on hysterectomy cases where the uterus is under 43 years old, both from public and private sector to ensure unnecessary hysterectomies can be avoided. The data to be collected is as follows:**

*(Signature)*  
**(Sudhanshu Pant)**

**MATERNAL HEALTH DIVISION**

7. Comprehensive list of all victims for mass treatment, compensation and rehabilitation.

**Communication**

8. Evolve a continuing education strategy for all governmental and non-governmental health personnel through newsletters and informal group meetings. Identified areas include:

- i) Sodium thiosulphate therapy; Management of lactation failure
- ii) Identification and management of psycho-social stress
- iii) Risks to mothers and unborn foetus and need for surveillance
- iv) Family planning advice till completion of detoxification
- v) Role of respiratory physiotherapy, Caution against overdrugging
- vi) Need for surveillance of high risk groups, Importance of medical records

9. Dynamic creative nonformal health education of affected community with information built around their lifestyle, culture and socio-economic status. The areas identified include:

- i) Sodium thiosulphate therapy; Respiratory physiotherapy
- ii) Ongoing research programmes and informed consent
- iii) Risk to unborn and new born babies; Family planning advice
- iv) Management of lactation failure including low cost weaning foods
- v) Importance of records and regular checkups

10. Occupational rehabilitation and compensation: to be done imaginatively keeping in mind their previous occupations and the residual disabilities.

**Coordination**

11. The government must adopt a policy of enlisting the help of all non-governmental agencies and groups wishing to work in Bhopal. This process must be active and supportive:

12. It is imperative that the victims as well as the entire country must be provided with all the details of how the accident occurred, of the nature of the chemicals released and of the reasons why the detoxification by sodium thiosulphate has been so badly mismanaged.

# HUMAN DIGNITY

18 December 2023

Rev. Prof. Dr. habil. J. Charles Davis  
Associate Director  
St. John's Medical College  
St. John's Research Institute

# HUMAN DIGNITY

Pope Paul XIII (b.1810-Papacy: 1878-1903 CE):

“man precedes the state”

Human Dignity in World Religions  
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communities. The nature of these health effects suggested a chronic cyanide poisoning mechanism, which added evidence to the existing controversy about how the health effects were caused. Several recommendations were given to the government and other groups based on this study, and a call was made for the use of evidence-based sensitive action. One recommendation was the controversial support to the use of a compound called 'sodium thiosulphate' to detoxify the victims. Later on, the results of a detailed study by the Indian Council of Medical Research supported the use of thiosulphate for the treatment and rehabilitation of victims. An epidemiological review paper was also published with the available evidence on mortality and morbidity due to Bhopal tragedy. The evidence generated through these processes was continuously updated and presented at international conferences including the Permanent Peoples Tribunal. After that year, mfc also organised a meeting on Pesticides and Health where the health impacts of the production and use of chemicals in agriculture was discussed.

Shiv Vishwanathan, a well known anthropologist wrote later about mfc's scientific report on the health situation in Bhopal as "probably the most sane, compassionate piece of scholarship on the problem of relief in Bhopal" (8). An excerpt from that article is provided in Box.2, which is followed by a detailed report on CHC's involvement in the Bhopal campaign.

**Box.2: Excerpt from 'Imagination of a disaster', by Shiv Vishwanathan (8)**

"But what is most fascinating is the manner in which text and context are related. Voluntary health specialists have repeatedly advocated that the focus of study should be suffering in the community, rather than the patient as an isolate in the hospital. The first they argue, leads to a holistic view of disease while the latter propagates a reductionist view of illness and an atomistic view of the patient. The latter view which underwrote the pulmonary model, is based on numerous vertical studies rather than an integrated search for interconnections. In a telling paragraph the MFC report suggests, 'The approach of examining say 200 eyes or 200 lungs and so on independent of one another lacks this integration. Strange it may sound, but it seems to derive the rationale – unconsciously – from the pulmonary model, wherein toxic gas directly hits the target organ (lungs, eyes etc) to produce damage without any intrinsic connections – which is at the heart of the 'cyanogen pool' model'.

It is this anthropology of gestalts that is fascinating about the report. What it offered were two clusters which deserve further exploration:

Pope Paul VIII (b.1881-Papacy: 1958-1963 CE), *Pacem in Terris*:

the fundamental principle of natural and equal human dignity is the basis for the universal rights and inviolability of every human being.

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Each individual man is truly a person. His is a nature, that is, endowed with intelligence and free will and intrinsic dignity. As such he has rights and duties, which together flow as a direct consequence from his nature. These rights and duties are universal and inviolable, and therefore altogether inalienable.

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The debate took place between two members of the Dominican Order: Juan Gines de Sepulveda (1489-1573) and Bartolome de Las Casas (1484-1566).

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Francis de Victoria (1483-1546 CE), another Dominican Friar and a great theologian shines like a star in the dark periods of the conquest and colonial Spanish missionary activities in the Americas.

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## **Human Dignity Philosophical Perspectives**

It is difficult to define what human dignity is. It is not an organ to be discovered in our body, it is not an empirical notion, but without it we would be unable to answer the simple question: what is wrong with slavery? – Leszek Kolakowski.

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Every entity has a value. The value of things may vary depending on their worth. Dissimilar values are attributed even to different things of the same art of kind of species.

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- Recognition or attribution of values to entities is done only by humans and never by any animals. In the past, slavery existed and slaves were bought for a price.
- Slavery is largely abolished today.
- Humans are considered to have a value or status or worth which is beyond any price.

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Kant calls the value of humans a priceless “dignity,” meaning that humans cannot be bought or sold in exchange. However, not everyone easily accepts an equal (metaphysical) priceless value of (physical) humans. For example, some consider intellectuals to have more worth than ignoramuses, righteous more than criminals.

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- ▶ History informs us of the changing use of the term human dignity from a status of a rank, an inherent value to a dignified way of living.
  
- ▶ The concept of human dignity, even without a clear definition, is increasingly used in the international and national declarations of human rights after World War II.

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## **The Three Senses of Human Dignity**

Daniel P. Sulmasy categorizes the one and the same human dignity into three senses, namely,

- ▶ Intrinsic
- ▶ Attributed
- ▶ Inflorescent dignity.

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**THANK YOU**

**GUIDELINES TO PREVENT  
UNNECESSARY  
HYSTERECTOMIES**

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**MINISTRY OF HEALTH & FAMILY WELFARE**

**MATERNAL HEALTH DIVISION**

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## INTRODUCTION

Hysterectomy, the surgical removal of the uterus, is the most common non-obstetric gynaecological surgery amongst women in reproductive age group. The most common medical indications for hysterectomy include fibroids, abnormal uterine bleeding, uterine prolapse, chronic pelvic pain and premalignant and malignant tumours of uterus and cervix. Hysterectomy with Oophorectomy (Removal of ovaries) leads to surgical menopause which may further lead to menopausal symptoms such as hot flashes, vaginal dryness, urinary incontinence, sexual dysfunction and long term consequences like osteoporosis and CVS diseases. Oophorectomy worsens the symptoms of early menopause.

In developed countries, hysterectomy is typically conducted amongst premenopausal women above age 45 years. In India, there is increasing concern about patterns of hysterectomy at a population level. Community-based studies have consistently found rising hysterectomy rates amongst young women, ranging from 28 to 36 years. Further, evidence indicates a higher risk amongst poor, less educated women in rural areas. Field-based reports have also suggested that there are unnecessary hysterectomies performed in cases where medical or non-invasive treatment would have been sufficient. There are also reports of potential coercion for financial benefit under health insurance schemes and concerns pertaining to lack of information provided to women on side effects.

Data from the National Family Health Survey-4 (2015-16) estimates hysterectomy prevalence to be 3.6% amongst women 30-39 years and 9.2% amongst women 40-49 years. The median age at hysterectomy was 37 years (amongst women who were 40-49 at the time of survey). Two-thirds of procedures were conducted in private facilities. Excessive menstrual bleeding or pain was self-reported as the leading indication for hysterectomy, followed by fibroids and uterine disorder. Prevalence varied greatly across states, with prevalence from 20-23 percent of women in ages 40-49 in Andhra Pradesh and Telangana—close to high-income countries—yet at a considerably low median age. Data also show variation across states indicating uneven availability of treatment for women for common gynaecological disorders at primary health care level<sup>1</sup>. NFHS 5

A working paper from the National Health Authority on early trends from Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PM-JAY) indicates that 2% of claims submitted for women were for hysterectomy. Six states (Chhattisgarh, Uttar Pradesh, Jharkhand, Gujarat, Maharashtra and Karnataka)

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<sup>1</sup> Desai S, Shukla A, Nambiar D, Ved R. Patterns of hysterectomy in India: a national and state-level analysis of the Fourth National Family Health Survey (2015-2016) [published correction appears in *BJOG*. 2020 Oct;127(11):e122. Shuka, A [corrected to Shukla, A]]. *BJOG*. 2019;126 Suppl 4(Suppl 4):72-80. doi:10.1111/1471-0528.15858

had overall high number of claims under PM-JAY and also generated three- quarters of all hysterectomy claims. The median age of claims submitted for hysterectomy under PM-JAY was 44 years. The most common package covered was hysterectomy with salpingo-oophorectomy, suggesting that up to half of claimants may have undergone removal of the ovaries, which in turn may render women vulnerable to a range of side effects.

A national consultation in 2019 on unnecessary hysterectomy identified three important challenges for women's health:

- \* The need for appropriate clinical and population-level guidelines on hysterectomy
- \* Availability of appropriate information on and treatment of gynecological morbidity at the primary care level
- \* A critical need to monitor and regulate the appropriate use of hysterectomy, particularly for treatment of benign gynecological conditions and amongst younger women.

The purpose of this document is to:

1. Provide guidance to public health programme managers on measures to address unnecessary hysterectomy at the facility level, including focus on monitoring and awareness generation activities at the community level.
2. Provide clinical guidelines on common conditions that constitute key indications for hysterectomy. To focus on providing treatment pathways for abnormal uterine bleeding/dysfunctional uterine bleeding, lower abdominal pain, vaginal discharge, abnormal looking cervix and uterovaginal prolapse, drawing from existing government guidelines, evidence reviews and expert consultation.

## COMMON INDICATIONS FOR HYSTERECTOMY

Evidence reviews and expert consultations have highlighted the following common indications for Hysterectomy in our country:

- Abnormal Uterine Bleeding/ Dysfunctional Uterine Bleeding
- Vaginal Discharge
- Lower abdominal pain/Pelvic Inflammatory Disease (PID)
- Abnormal looking cervix
- Uterocervicovaginal Prolapse

### ABNORMAL UTERINE BLEEDING

Abnormal uterine bleeding (AUB) is a broad term that describes irregularities in the menstrual cycle involving frequency, regularity, duration, and volume of flow outside of pregnancy. Up to one-third of women will experience abnormal uterine bleeding in their life, with irregularities most commonly occurring at menarche and perimenopause. A normal menstrual cycle has a frequency of 24 to 38 days, lasts 7 to 9 days, with 5 to 80 ml of blood loss. Variations in any of these 4 parameters constitute abnormal uterine bleeding. Older terms such as oligomenorrhea, menorrhagia, and dysfunctional uterine bleeding should be discarded in favour of using simple terms to describe the nature of the abnormal uterine bleeding. Revisions to the terminology were first published in 2007, followed by updates from the International Federation of Obstetrics and Gynaecology (FIGO) in 2011 and 2018. The FIGO systems first define the abnormal uterine bleeding, then give an acronym for common aetiologies. These descriptions apply to chronic, nongestational AUB. In 2018, the committee added intermenstrual bleeding and defined irregular bleeding as outside the 75th percentile.

Abnormal uterine bleeding can also be divided into acute versus chronic. Acute AUB is excessive bleeding which requires immediate intervention to prevent further bloodloss. Acute AUB can occur on its own or superimposed on chronic AUB, which refers to irregularities in menstrual bleeding for most of the previous 6 months.

**TABLE Potential causes of abnormal uterine bleeding according to the PALM-COEIN classification<sup>5</sup>**

<b>P</b> olyp	Structural pathology measurable through imaging or histopathology
<b>A</b> denomyosis	
<b>L</b> eiomyoma	
<b>M</b> alignancy & hyperplasia	
<b>C</b> oagulopathy	Bleeding unrelated to structural abnormalities
<b>O</b> vulatory disorders	
<b>E</b> ndometrial dysfunction	
<b>I</b> atrogenic	
<b>N</b> ot otherwise classified	

## **UTEROCEVICAL AND UTEROVAGINAL PROLAPSE**

Uterine prolapse occurs when pelvic floor muscles and ligaments stretch and weaken and no longer provide enough support for the uterus. As a result, the uterus slips down into or protrudes out of the vagina. Uterine prolapse can occur in women of any age. But it often affects postmenopausal women who have had one or more vaginal deliveries. Mild uterine prolapse usually doesn't require treatment. But if uterine prolapse starts interfering with the routine activities and disrupts the normal life then benefit occurs from the treatment. The management of uterovaginal prolapse is age and fertility related. Not everyone requires hysterectomy. The conservative surgical operations are gaining more popularity. Several sling operations are available now.

## **VAGINAL DISCHARGE**

Vaginal discharge is one of the most common presenting symptoms of women to a doctor's office. It may be pathological or physiological. It may affect women of any age group. Even when it is pathological, it may be treated by means of antibiotics prescribed to the woman and often times also to her partner. However persistent vaginal discharge despite treatment requires further investigation. Vaginal discharge which is not treated or inappropriately treated can start interfering with the routine activities, affect the woman's ability to work and also give rise to more severe forms of pelvic infections, often leading women to opt for hysterectomy specially in the underdeveloped sectors of the country where referral centers are not easy to approach. It is very important both for the patient and the health care provider to understand that hysterectomy is not a treatment of vaginal discharge.

## **LOWER ABDOMINAL PAIN:**

Lower abdominal pain or pelvic pain are common complaints compelling women to visit the health care provider. This pain may be acute or chronic. Most commonly it is the chronic pelvic pain, the causes of which may be difficult to diagnose, hence making treatment difficult. Owing to this often both the health care provider and the patient resort to hysterectomy as the final answer. The most common cause of chronic pelvic pain in women is Pelvic Inflammatory Disease (PID). Treatment of PID is mostly outpatient and non-surgical requiring a prolonged course of antibiotics. Only a few patients presenting with acute symptoms like high grade fever and increased blood counts may require admission. Conservative surgery may be needed only in cases with pelvic abscess.



### **Pre-cancerous Lesions of Cervix / Unhealthy Cervix:**

Chronic cervicitis or pre-cancerous cervical lesions may often lead to an unhealthy looking cervix with chronic discharge, which may be treated by medical management or cervical ablation or excisional techniques. Hence, an unhealthy looking cervix requires evaluation to rule out cancerous or precancerous lesions but does not require hysterectomy in all cases.

# **PROGRAMMATIC GUIDANCE**

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## PROGRAMMATIC GUIDANCE

The purpose of this section is to provide programme managers guidance on prevention of unnecessary hysterectomy by raising awareness among health providers regarding alternative methods of treatment available for gynaecological diseases as well as in the community regarding indications of hysterectomy and disadvantages of unnecessary hysterectomy. While the burden of hysterectomies varies across states, variation in national patterns suggests a lack of uniform services available to treat gynaecological morbidity. Hitherto the health system has focused largely on obstetric and family planning services, aligned with the aim to reduce maternal mortality and address unmet need for family planning. Accordingly, financial and human resources at all levels, including outreach services, were primarily related to pregnancy, delivery, post-partum care and family planning. As of now, other than Community Health Centres, District Hospitals and Medical Colleges, there are limited services in public health facilities to treat or appropriately refer women with gynaecological complaints. Women often undergo surgery for gynaecological conditions may possibly respond to medical or non-surgical interventions. The lack of services for such conditions have many reasons including high obstetric case-loads, a shortage of Medical officers and specialists, and on account of limited knowledge among service providers on updated methods of non-surgical methods for treatment.

Programme officers are expected to ensure training of all cadres of workers including the ones at the frontline, supply of medicines and other logistics, enable the delivery of high quality services at primary and secondary care levels including provision of NCDs at HWC's and create the mechanism for community awareness and facilitate the conduct of medical and social audits.

**The role of programme managers** in reducing unnecessary hysterectomy is to:

1. Communicate the range of interventions to be provided at each level of the health system for gynecological as well as obstetric ailments and thereby eliminate unnecessary hysterectomy
2. Build capacity of secondary and primary level service providers (Medical Officers, Staff Nurses, CHOs, LHV/ANMon women's health needs for gynecological services
3. Ensure that the PHC team at Health and Wellness Centers is able to make appropriate referrals and ensure that medicines prescribed at the higher levels is dispensed at HWC-SHC (If available) and that continuum of care is maintained
4. Enable improved public understanding of the various gynecological problems a woman may develop, the plethora of medical management and non- surgical interventions available to treat them, the consequences of unnecessary hysterectomy and guide women on care-seeking for gynecological morbidity through building community awareness

5. Ensure awareness regarding publicly financed health insurance like PMJAY amongst those who are eligible for the scheme and are required to undergo indicated hysterectomy in order to reduce out of pocket expenditure and thus provide financial protection.

## Role of Different Levels of Public Health Facilities

The role of HWCs/SC/PHC/CHC/SDH/DH/MC according to conditions leading to/associated with Hysterectomy, have been listed for the common conditions:

- 1a. Abnormal Uterine Bleeding (Menorrhagia with **normal** sized uterus) with/without dysmenorrhoea
- 1b. Abnormal Uterine Bleeding (Menorrhagia with **enlarged** uterus)
- 1c. Abnormal Uterine Bleeding: Metrorrhagia, Oligomenorrhoea, Amenorrhoea followed by irregular bleeding in high risk group (obese, hypertensive, diabetic or a family history of endometrial or cervical cancer), AUB in women above 40 years of age  
**OR** Persistent dysmenorrhoea
2. Abnormal Vaginal Discharge ± Pelvic pain ± Backache
3. Utero-cervical prolapse
4. Lower abdominal pain
5. Abnormal or unhealthy cervix
6. Post – hysterectomy care in women who have undergone hysterectomy at age less than 45 years.
7. Emergency hysterectomy performed to treat uncontrolled PPH

**Annexure 1 provides details** on what is expected at each level of the health system (HWCs/SC/PHC/CHC/SDH/DH/MC) for common gynaecological symptoms, the role of the service provider at each level, and details of services including essential drugs and diagnostics to be provided at the level of the facility.

## Community Awareness

It is essential that facts about hysterectomy are available to the community. Existing platforms such as Village Health, Sanitation and Nutrition Committees, Women's Self-Help Groups, Mahila Arogya Samities, and Rogi Kalyan Samities at PHC, CHC and district hospitals could be used to disseminate information through frontline workers such as ASHA and MPW- F. Discussions should focus on removing myths and misconceptions in the community and raising awareness on menstrual hygiene practices, prevention of PID's and STD, safe sex practices, other gynaecological problems in women, risk factors for genital tract malignancies and plenty of treatment modalities available for treatment as well as the role of hysterectomy in these conditions. Emphasis should be laid on the fact that hysterectomy is not the first choice of treatment for most conditions. This section of the document provides guidance on developing programs to build community awareness on unnecessary hysterectomy. It focuses on providing basic facts on hysterectomy and components of a communication strategy.

## **Basic Facts on Hysterectomy**

It is essential that facts about hysterectomy are available to the community and community health workers in particular. **Annexure 2** provides clear, simple information on hysterectomy that can be used to raise community awareness.

## **Communication strategies**

### **Existing agencies that can help build awareness in the community:**

1. Village Health, Sanitation and Nutrition Committee in each village
2. Women's Self Help Groups linked to each Anganwadi
3. Mahila Aarogya Samitis
4. Mother's group in each Anganwadi
5. Standing Committee on Health in every gram panchayat
6. School Management Committees in every school
7. Rogi Kalyan Samities at PHC, CHC and district hospitals
8. Other community based organizations
9. Ward and gram sabhas
10. District Health Societies

### **Principles for community awareness on hysterectomy prevention:**

1. Community awareness building should be done in local language and IEC materials must be developed accordingly
2. All FAQs must be translated into local language. Print material, videos and apps can be used. Apps must be free to use once downloaded and usable offline. They can provide information on menstrual hygiene and hysterectomy related information for both service providers and women
3. LNG IUS must be promoted as a low cost non-surgical alternative to hysterectomy where ever feasible
4. Testimonies of women who experienced adverse effects after hysterectomy  
Testimonies of caregivers who witnessed adverse effects following hysterectomy
5. Professional Testimonies of doctors, Counsellors, Journalists, Teachers etc

#### **You can make a difference by:**

- Removing myths and misconceptions in the community
- Avoiding unnecessary Hysterectomies
- Campaigning for preventing unnecessary Hysterectomy

The training for all levels may be conducted through existing NCD platform.

Key components of a communication strategy to address unnecessary hysterectomy

Designing a Communication Strategy<sup>2</sup>

1. Key Messages	Literature Review; Formative Research	Findings from formative research can be used to develop and design customized and standardized messages for behaviour change.
2. Target Population	<p>a. <b>Policy Makers</b> - sensitization and advocacy with policy makers for creating policies and institutional mechanisms to prevent unnecessary hysterectomy (bureaucrats, executives etc.)</p> <p>b. <b>Service providers</b> - sensitization and advocacy with service providers (such as doctors, RMPs, Nursing Homes etc.) for uptake of desired practices of change</p> <p>c. <b>Community</b> -</p> <ul style="list-style-type: none"> <li>• <u>Women</u>: the women and her immediate family members are made aware of, and are encouraged to follow desired practices of change</li> <li>• <u>Influencers</u>: (relatives, peer, fellow villagers, doctors, RMPs, nursing homes, labour contractors, employers etc.) are made aware of, and are encouraged to promote the dissemination and uptake of desired practices of change.</li> </ul>	
3. Platforms	<ul style="list-style-type: none"> <li>• Workshops, Seminars (for policy makers, executives, service providers etc.)</li> <li>• Community level Events and Institutions (such as VHSNDs, AWCs, SHGs, Gram Sabha, Health Centres, Schools/ School Management Committees/ PTAs etc.)</li> <li>• Labour Chowks, Brick Kilns, Sugar Factory/ Farms, Railways Stations, Bus Stations etc.</li> </ul>	
4. Medium	a. Docudrama (Video-based Approach)	<ul style="list-style-type: none"> <li>• Use community based video production or employ professionals to produce small docudramas.</li> <li>• Videos produced can be screened at the various platforms (above) or sent through WhatsApp, or broadcasted on local TV</li> <li>• PICO projectors, smart phones, and TAB can be used for screening videos</li> </ul>
	b. IVR (Community Radio)	<ul style="list-style-type: none"> <li>• Use a combination of push and pull call system</li> </ul>

<sup>2</sup> Indicative only

		<ul style="list-style-type: none"> <li>• Allow the user to call on a Toll Free Number and listen to pre-recorded FAQs or record her queries.</li> </ul>
	c. Wall Painting/ Flip charts/ Dangles, Flyers etc. (Conventional Approach)	<ul style="list-style-type: none"> <li>• Wall paintings at railways stations, labour chowk, PHC, etc.</li> <li>• Specific posters for each level of Facilities.</li> </ul>
	d. TV, Radio, Social Media, WhatsApp	<ul style="list-style-type: none"> <li>• Whats App can become an effective medium of dissemination</li> </ul>
<b>5. Change Agents</b>	<ul style="list-style-type: none"> <li>• Frontline workers of various government departments (ASHA, ANM, AWW etc.)</li> <li>• Community institutions (Women's groups, Farmers groups, Gram Panchayat, School Management Committees etc.)</li> <li>• Doctors, RMPs, Labour Contractors, Labour Employers</li> </ul> <p>** Influencers like RMPs, labour contractors and employer can be highly effective if sensitized and encouraged to undertake the role of change agent.</p>	
<b>6. Monitoring and Evaluation</b>	<ul style="list-style-type: none"> <li>• Identify suitable indicators of monitoring and evaluation of the communication interventions like : No. of Hysterectomy cases conducted &lt; 40 years and cause of hysterectomy. Design a system of continuous tracking of practices and trends around women's health and unnecessary hysterectomy.</li> </ul>	



## Monitoring & Evaluation

Reporting of hysterectomy like; No. of Hysterectomy cases conducted < 40 years and cause of hysterectomy need to be incorporated in the existing NCD screening checklist. Data pertaining to Hysterectomies must be regularly monitored at both State and District levels. Data from both public and private sector needs to be monitored and government institutions, medical professionals from both public and private sector as well as other stakeholders must come together to make this monitoring a success.

### District Hysterectomy Monitoring Committees

A **District Hysterectomy Monitoring Committee** must be set up in each district to enable effective monitoring. The committee must be set up under the chairpersonship of District CMO. NCD Nodal, District RCH Nodal Officers / Maternal Health Nodal Officers, other key government personnel at the district level, representatives from FOGSI (both public and private sector), representatives from development partners etc. The monitoring committee is expected to:

- Issue necessary orders to both public and private sectors to submit a line list of all women who underwent hysterectomy every month. The line list must include information on parameters such as:
  - Age
  - Parity
  - Occupation
  - Indication of hysterectomy
  - Previous medical/surgical history
  - Hysterectomy route:
    - Abdominal
    - Vaginal
    - Laparoscopic
  - Any other surgery done along with hysterectomy:
  - Past treatment history:
  - HPE:
- Every quarter the district committee must audit cases with following indications and issue necessary instructions if required:
  - Hysterectomy with/ without BSO in women <35 yrs. of age
  - Hysterectomy with BSO in women < 40 yrs. of age
  - All cases where no indication for doing the procedure is mentioned in the records
  - All cases where no records of treatment prior to hysterectomy (in papers or in history) are available
  - Discrepancy between mentioned indication and HPE report
  - Any severe morbidity/mortality due to hysterectomy

**Annexure 3** provides detailed guidance on how to conduct audits of hysterectomies

- Arrange necessary trainings and sensitization sessions for both public and private sector professionals.

### **State Hysterectomy Monitoring Committees**

A **State Hysterectomy Monitoring Committee** must be set up in each State to enable effective monitoring. The committee must be set up under the chairpersonship of State Principle Secretary. State level DPH (Director Public Health) will be the nodal Officer & NCD State program officer, RCH/FW/MH programme officers will be the other key government personnel at the state level, representatives from FOGSI (both public and private sector), representatives from development partners etc. The monitoring committee is expected to meet once in every six months and review district level data to ensure that unnecessary hysterectomies can be avoided. The State Hysterectomy Monitoring Committees must also arrange necessary trainings and sensitization sessions for both public and private sector professionals and district officials.

### **National Hysterectomy Monitoring Committees**

A **National Hysterectomy Monitoring Committee** must be set up to enable effective monitoring and ensure necessary policy decisions at the National level. The monitoring committee would comprise of officials from NCD, ICMR, MH Officers under the chairpersonship of Additional Commissioner & Mission Director, NHM and is expected to meet once in every six months and review State level data to ensure that unnecessary hysterectomies can be avoided. The national committees must also arrange necessary trainings and sensitization sessions for both public and private sector professionals and district officials. Most importantly national committees must review the landscape and take necessary policy decisions as required.

# **CLINICAL PROTOCOLS**

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This section focuses on clinical protocols for management at the level of ANMs and at the level of CHOs/ Medical Officers.

## **VARIOUS MANAGEMENT MODALITIES AVAILABLE FOR HYSTERECTOMY**

This section deals with various treatment modalities available for common indications of hysterectomy namely Abnormal Uterine Bleeding/ Dysfunctional Uterine Bleeding, Uterocervicovaginal Prolapse, Vaginal Discharge, Pelvic Inflammatory Disease (PID) & Abnormal Cervix

### **MODALITIES OF MANAGEMENT AVAILABLE FOR AUB/ DUB**

Choice of treatment for AUB/DUB depends on clinical stability, suspected aetiology of bleeding, desire for future fertility and underlying medical problems. The two main objectives of managing acute AUB are:

- 1.) To control the current episodes of heavy bleeding
- 2.) To reduce menstrual blood loss in subsequent cycles

Medical therapy is considered the preferred initial treatment.

Medical management:

Medical treatment options for DUB include tranexamic acid, nonsteroidal anti-inflammatory drugs (NSAIDs), combined oral contraception pill, progestogen, danazol and gonadotropin-releasing hormone analogues (GnRH-a). Another medical method for the treatment of DUB is the levonorgestrel-releasing intrauterine system (Mirena®). It was originally developed as a contraceptive method, but it has been proven quite effective in the treatment of DUB, so the device acquired approval for that indication too.

Surgical methods: In cases of AUB resistant to medical treatment, physicians should offer to women surgical treatment. In such patients, one could choose between endometrial ablation techniques and hysterectomy, taking into consideration patient's age, physical condition, and will.

**Detailed treatment modalities for AUB/ DUB are annexed (Annexure 4).**

## **MODALITIES OF MANAGEMENT AVAILABLE FOR UTERO VAGINAL PROLAPSE**

Uterovaginal prolapse is also not a direct indication of hysterectomy specially in younger age group. In elderly age group hysterectomy is the better option. There are new modalities of conservative surgeries in the form of various sling operations which have been recommended in order to avoid hysterectomy.

### **Various sling operations are -**

- Shirodkar sling
- Purandare cervicopexy
- Khanna sling
- Soonawalla sling
- Joshi sling
- Virkud sling
- Others

### **There are also different types of reconstructive surgeries:**

- Fixation or suspension using your own tissues (uterosacral ligament suspension and sacrospinous fixation)—Also called “native tissue repair,” this is used to treat uterine or vaginal vault prolapse. It is performed through the vagina. The prolapsed part is attached with stitches to a ligament or to a muscle in the pelvis. A procedure to prevent urinary incontinence may be done at the same time.
- Colporrhaphy—Used to treat prolapse of the anterior (front) wall of the vagina and prolapse of the posterior (back) wall of the vagina. This type of surgery is performed through the vagina. Stitches are used to strengthen the vagina so that it once again supports the bladder or the rectum.
- Sacrocolpopexy—Used to treat vaginal vault prolapse and enterocele. It can be done with an abdominal incision or with laparoscopy. Surgical mesh is attached to the front and back walls of the vagina and then to the sacrum (tail bone). This lifts the vagina back into place.
- Sacrohysteropexy—Used to treat uterine prolapse when a woman does not want a hysterectomy. Surgical mesh is attached to the cervix and then to the sacrum, lifting the uterus back into place.
- Surgery using vaginally placed mesh—Used to treat all types of prolapse. Can be used in women whose own tissues are not strong enough for native tissue repair. Vaginally placed mesh has a significant risk of severe complications, including mesh erosion, pain, infection, and bladder or bowel injury. This type of surgery should be reserved for women in whom the benefits may justify the risks.

## **MODALITIES OF MANAGEMENT AVAILABLE FOR PRE-CANCEROUS LESIONS OF CERVIX / UNHEALTHY CERVIX:**

### **Cervical screening is recommended in:**

- All symptomatic women giving history of chronic leucorrhoea, postcoital bleeding or unhealthy appearance of cervix should be investigated with VIA or Pap smear.
- Age 30-65 years
- All HIV infected women as soon as the infection is diagnosed
- Women having symptoms and visible growth, plaque that bleeds on touch: Cervical biopsy from the growth/lesion
- Women having infective discharge: Antibiotics. Follow up after 7 days.

### **Medical Treatment for cervical infection**

- Cefixime, 400 mg orally single dose plus Azithromycin, 1g orally single dose 1 hour before food
- Treatment of partner
- Getting HIV, VDRL test
- Follow-up after 7 days
- When there is no infection conduct the following tests

### **Evaluation**

#### **1) Visual Inspection (Visual Inspection after acetic acid (VIA), or Lugol's iodine (VILI))**

- Visual inspection of cervix after painting it with 4-5% acetic acid for 1 minute or and turn yellow after application of iodine. If VIA is negative assure the woman. Repeat VIA every 5 years
- If VIA test is positive (shows dense white, opaque acetowhite lesions in transformation zone) - colposcopy and directed biopsy should be done.

#### **2) Pap smear / Liquid-Based Cytology (LBC) (if available)**

- Send the smears to pathologist requesting for results as per Bethesda system (2001). Review the result of smear.
- With ASCUS cytology do colposcopy or VIA, followed by biopsy if suspicious areas are identified. Alternatively, it can be triaged with repeat cytology at one year.
- Women with cytology report LSIL should preferably undergo colposcopy and directed biopsy.
- Women with cervical cytology report of ASC-H or HSIL should be advised to undergo colposcopy and directed biopsy.

Women with cytology report of atypical glandular cells should be evaluated with colposcopy and directed biopsy along with endocervical and endometrial sampling.

**3) HPV testing:** for high-risk HPV type if available and affordable. Negative HPV test with other tests is more assuring and can help prolong the repeat screen interval to 5 years.

#### **Treatment of CIN on Histopathology of biopsy specimen**

- Women having low-grade (ASCUS / LSIL) Pap smear and **CIN 1** on histology should be advised to continue with 1 yearly follow up with VIA/Pap smear under supervision.
- Women with high grade (ASC-H, HSIL) smear abnormalities and CIN 1 histology should be advised cytology after 6 months or immediate treatment depending on their compliance and desire.
- If high grade smear abnormality persists for 12 months and no lesion is seen on colposcopy a diagnostic excision should be performed.
- With **CIN 2/3**, if colposcopy is adequate, both excision and ablation are adequate modalities of treatment. Excision is preferred to ablation.
- Excision is recommended if recurrent CIN, endocervical involvement or colposcopy is inadequate.
- Immediate hysterectomy for CIN2/3 is unacceptable.
- Hysterectomy can be an alternative to repeat excision/ cone biopsy is feasible.
- If biopsy shows invasive cancer at any time, staging and management according to the stage of disease should be done in the appropriate center.

#### **MODALITIES OF TREATMENT AVAILABLE FOR VAGINAL DISCHARGE**

Vulvo vaginal infections are among the most frequent disorders for which patients seek care from gynecologists. By understanding the pathophysiology of these diseases, and having an effective approach to their diagnosis, physicians can institute appropriate antimicrobial therapy to treat these conditions and reduce long-term sequelae.

##### **Common Causes:**

- Vaginitis can be of three types: Trichomonal, candidial vaginitis. Bacterial vaginosis. Mixed.
- Cervical infection due to gonorrhoea and Chlamydia infection.
- Genital herpes.

##### **Normal vaginal discharge:**

Normal vaginal secretions are floccular in consistency, white in color, and usually located in the dependent portion of the vagina (posterior fornix).

##### **Treatment:**

- Depends on accurate diagnosis based on symptoms and examination findings
- Once diagnosed can be managed with antimicrobials
- If clinical examination is suggestive of enlarged uterus, adnexal mass or tenderness in pelvis then patient should be referred for ultrasonography.



- Exclude HIV infection, diabetes mellitus, immunosuppressive conditions, steroid therapy in cases of recurrent infection and refer to higher center.

#### **MODALITIES OF TREATMENT AVAILABLE FOR LOWER ABDOMINAL PAIN (D/T PID):**

Reproductive age group women often present with chronic lower abdominal pain associated with low backache, vaginal discharge and painful menstruation which can be treated by medical treatment. One of the common causes of lower abdominal pain is Pelvic inflammatory disease (PID). It is caused by microorganisms colonizing the endocervix and ascending to the endometrium and fallopian tubes. Other causes of pain may be endometriosis, adenomyosis, pelvic adhesions, adnexal mass or fibroid uterus.

#### **Diagnosis**

- Should be based on history and examination.
- Traditionally, the diagnosis of PID is based on a triad of symptoms and signs, including pelvic pain, cervical motion and adnexal tenderness, and the presence of fever.
- Ultrasonography may be advised in cases with palpable masses in the pelvis or in cases with acute tenderness.

#### **Treatment of Lower Abdominal Pain:**

- Treatment is directed to the cause.
- Treatment of infection.
- Medical treatment for endometriosis, (OCP/ progestogens-MPA/Dienogest ,GnRHa)
- Laparoscopic adhesiolysis, fulguration of endometriotic lesions, etc.
- Sometimes the woman may not have any gynecological cause for pelvic pain.
- Other medical conditions such as gastrointestinal infections or infestations or abdominal TB could be responsible which can be treated with appropriate antimicrobial agents.
- Correct Anemia, under nutrition & Improve general health

Table: Responsiveness at various levels of care

1a. AUB - Menorrhagia with normal sized uterus, with or without dysmenorrhoea

Level	Human Resource/ Service Provider	Medicines (Essential List of Medicines)	Point of Care Diagnostics
<b>Community +Sub centre</b>	<p><b>ASHA/MAS:</b></p> <ul style="list-style-type: none"> <li>Annual screening of women using checklist for Abnormal Uterine Bleeding (AUB).</li> <li>Oral iron and calcium with D<sub>3</sub> supplementation. (Daily requirement of Oral Iron-60mg elemental iron and daily requirement of Calcium-500mg.</li> </ul> <p><b>ASHA/ANM:</b></p> <ul style="list-style-type: none"> <li>Ensure follow up of women taking treatment for Abnormal Uterine Bleeding during home visits.</li> </ul>		
<b>HWC/PHC/Non FRU CHC</b>	<p><b>CHO</b></p> <ul style="list-style-type: none"> <li>✓ Refer all women with Heavy Menstrual Bleeding to PHC for initial assessment.</li> <li>✓ Dispensing and follow-up in subsequent cycles.</li> </ul> <p><b>Medical Officer(MO)</b></p> <p>Initial assessment (history taking, examination including per speculum and bimanual examination by SN) at first visit of all women with AUB .</p> <ul style="list-style-type: none"> <li>✓ Refer women to Gynaecologist if               <ul style="list-style-type: none"> <li>(a)menorrhagia + enlarged firm/ irregular uterus or</li> <li>(b)metrorrhagia or</li> <li>(c)intermenstrual bleeding or</li> <li>(d)menorrhagia + normal uterine size if woman &gt; 40 yrs.</li> <li>(e)acute menorrhagia or (f) severe anaemia</li> <li>(g) tenderness on uterine motion</li> <li>(h) restricted uterine mobility</li> <li>(i) adnexal mass or fullness</li> </ul> </li> <li>✓ Tele-consultation with Gynaecologist for management of women &lt; 40 yrs. with menorrhagia and normal uterine size without</li> </ul>	<p>If women fit into category 1a after assessment at PHC and are advised medical management by PHC MO (MBBS), then dispense following drugs in subsequent cycles:</p> <ul style="list-style-type: none"> <li>• Tab. Tranexamic Acid 500 mg</li> <li>• Combined Oral Contraceptive</li> <li>• Iron (Oral) 60 mg elemental iron /day.</li> <li>• Tab. Diclofenac 100 mg</li> <li>• Tab. Mefenamic acid 500 mg</li> <li>• Oral MPA(Medroxy Progesterone Acetate)</li> <li>• Tab. Nor-Ethisterone acetate 5 mg</li> <li>• Inj DMPA 150mg/ml</li> <li>• LNG IUD</li> </ul>	Hb (initial and when needed during follow up)

Level	Human Resource/ Service Provider	Medicines (Essential List of Medicines)	Point of Care Diagnostics
	severe anaemia. Refer to Gynaecologist for relapse or persistent complaints after three months of medical treatment.	(Levonorgestrel intrauterine device). (by MBBS MO only)	

<b>Community Health Centre/S DH/DH/ Tertiary care</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>• Tab. Tranexamic Acid 500 mg</li> <li>• Combined Oral Contraceptive</li> <li>• Iron (Oral) 60 mg elemental iron /day</li> <li>• Parenteral Iron (20mg/ml, total dose of 100mg/day)</li> <li>• Tab. Diclofenac 100 mg</li> <li>• Tab. Mefenamic acid 500 mg</li> <li>• Oral MPA(Madrox Progesterone Acetate)</li> <li>• Tab. Nor-Ethisterone acetate 5 mg</li> <li>• Inj DMPA 150mg/ml</li> <li>• LNG IUD</li> <li>• SERM: Tamoxifen-20mg /Day Raloxifene-60mg/Day Bazedoxifene-20mg/Day Ospemifene-</li> </ul>	<ul style="list-style-type: none"> <li>✓ USG</li> <li>✓ Hb</li> <li>✓ Coagulation profile</li> <li>✓ Sickling</li> <li>✓ Thyroid profile</li> <li>✓ S. Ferritin</li> </ul> <p>If Gynaecologist is available at CHC:</p> <ul style="list-style-type: none"> <li>✓ Endometrial aspiration/sampling if needed</li> <li>✓ D&amp;C if needed</li> <li>✓ Endometrial Ablation (Non-hysteroscopic)</li> <li>✓ Hysterectomy if needed</li> </ul>
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Level	Human Resource/ Service Provider	Medicines (Essential List of Medicines)	Point of Care Diagnostics
		60mg/Day  <ul style="list-style-type: none"> <li>Inj.GnRH analogues (Gonadotropin Releasing Hormone) eg. Inj. Leuprolide 3.75mg monthly.</li> </ul>	

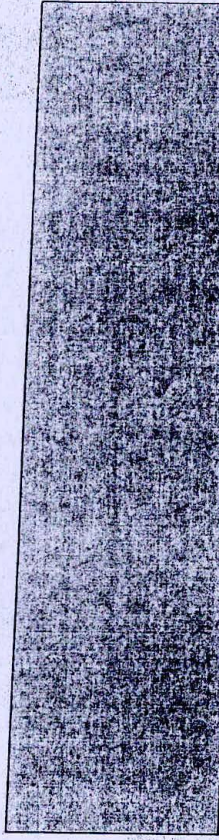
### 1b. Abnormal Uterine Bleeding (Menorrhagia with enlarged uterus)

<b>Community / Sub Health Centre</b>	<b>ASHA/MAS:</b> <ul style="list-style-type: none"> <li>Annual screening of women using checklist for AUB</li> <li>Oral iron and calcium with D<sub>3</sub> supplementation. (Daily requirement of Oral iron-60mg elemental iron and daily requirement of Calcium-500mg.</li> </ul> <b>ASHA/ANM:</b> <ul style="list-style-type: none"> <li>Ensure follow up of women taking treatment for AUB during home visits.</li> </ul>	
<b>HWC/ Primary Health Centre/UPH C</b>	<b>CHO</b> <b>MO</b>	<ul style="list-style-type: none"> <li>✓ Tab. Tranexamic Acid 500 mg</li> <li>✓ Refer to centre where Gynaecologist and USG are available.</li> <li>✓ Provide care (including dispensing drugs if MBBS MO) during subsequent months to women whose medical treatment has been started by gynaecologist or who have undergone surgical management for AUB.</li> <li>✓ Oral/ Parenteral Iron therapy if needed.</li> </ul>

<b>Community Health Centre/ Sub Division Hospital/ District Hospital/ Tertiary Care / Medical College</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>• Tab. Tranexamic Acid 500 mg</li> <li>• Combined Oral Contraceptive</li> <li>• Iron (Oral) 60 mg elemental iron /day</li> <li>• Parenteral Iron (20mg/ml, total dose of 100mg/day)</li> </ul>	
		<ul style="list-style-type: none"> <li>• Tab. Diclofenac 100 mg</li> <li>• Tab. Mefenamic acid 500 mg</li> <li>• Oral MPA(Medroxy Progesterone Acetate)</li> <li>• Tab. Nor-Ethisterone acetate 5 mg</li> <li>• Inj DMPA 150mg/ml</li> <li>• LNG IUD</li> <li>• SERM: Tamoxifen-20mg /Day Raloxifene-60mg/Day Bazedoxifene-20mg/Day Ospemifene-60mg/Day</li> <li>• Inj.GnRH analogues (Gonadotropin Releasing Hormone)</li> <li>• Tab Ulipristal (As Contraceptive-30mg/Day and non-contraceptive-5mg/Day)</li> </ul>	<ul style="list-style-type: none"> <li>✓ USG</li> <li>✓ Hb</li> <li>✓ Coag profile</li> <li>✓ Sickling</li> <li>✓ Thyroid Profile</li> <li>✓ S. Ferritin</li> <li>✓ Endometrial aspiration/Sampling if needed</li> <li>✓ PCV transfusion if needed</li> <li>✓ D&amp;C if needed</li> <li>✓ Hysteroscopy / guided biopsy</li> <li>✓ Hysterectomy if needed</li> </ul>

1c AUB -Metrorrhagia, Oligomenorrhoea, Amenorrhoea- irregular bleeding in high risk group (obese, hypertensive,diabetic, family history of endometrial /cervical cancers), AUB in women > 40 years of age, OR Persistent dysmenorrhea

<b>Community / Sub Health Centre</b>	<b>ASHA/MAS:</b> <ul style="list-style-type: none"> <li>Annual screening of women using checklist for AUB</li> <li>Oral iron and calcium with D<sub>3</sub> supplementation. (Daily requirement of Oral iron -60mg elemental iron and daily requirement of Calcium- 500mg.</li> </ul> <b>ASHA/ANM:</b> <ul style="list-style-type: none"> <li>Ensure follow up of women taking treatment for AUB during home visits.</li> </ul>		
<b>HWC/ Primary Health Centre/UPH C</b>	<b>CHO MO</b>	<ul style="list-style-type: none"> <li>✓ UPT</li> <li>✓ Refer to centre where Gynaecologist and USG is available.</li> </ul>	
<b>Community Health Centre/ Sub Division Hospital /District Hospital/ Tertiary Care / Medical College</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>Tab. Tranexamic Acid 500 mg</li> <li>Combined Oral Contraceptive</li> <li>Iron (Oral) 60 mg elemental iron /day</li> <li>Parenteral Iron (20mg/ml, total dose of 100mg/day)</li> <li>Tab. Diclofenac 100 mg</li> <li>Tab. Mefenamic acid 500 mg</li> <li>Oral MPA(Medroxy Progesterone Acetate)</li> <li>Tab. Nor-Ethisterone acetate 5 mg</li> <li>Inj DMPA 150mg/ml</li> <li>LNG IUD</li> <li>SERM: Tamoxifen-20mg /Day Raloxifene-60mg/Day Bazedoxifene-20mg/Day Ospemifene-60mg/Day</li> <li>Inj.GnRH analogues (Gonadotropin Releasing Hormone)</li> </ul>	<ul style="list-style-type: none"> <li>USG</li> <li>Hb</li> <li>Sickling</li> <li>Thyroid Profile</li> <li>S. Ferritin</li> <li>Coag profile</li> <li>Endometrial aspiration/Sampling if needed</li> <li>PCV transfusion if needed</li> <li>D&amp;C if needed</li> <li>Hysteroscopy / guided biopsy</li> <li>Conservative surgical management for Pre-malignant lesions</li> <li>Hysterectomy if needed (including surgical management of endometrial malignancy chemo / radiotherapy follow up as recommended)</li> </ul>

		<ul style="list-style-type: none"><li>• Tab Ulipristal (As Contraceptive- 30mg/Day and non-contraceptive- 5mg/Day)</li></ul>	
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## 2. Abnormal Vaginal Discharge ± Pelvic pain ± Backache

<b>Community / Sub Health Centre</b>	<b>ASHA/MAS:</b>		
<b>HWC/ Primary Health Centre/UPH C</b>	<p><b>CHO MO</b></p> <p>If CHO is a lady, provide follow up care in subsequent visits to women who have taken initial care at higher level.</p> <p>History and examination including per speculum and bimanual examination Ensure treatment of partner</p>	<ul style="list-style-type: none"> <li>• Kit-1,2,6</li> <li>• Condoms</li> <li>• Injectable Ceftriaxone</li> <li>• Tab Calcium ±Vit D</li> <li>• Iron (Oral) (60mg elemental iron/Day)</li> <li>• Parenteral Iron if needed (20mg/ml, total dose of 100mg/Day)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Hb</li> <li>✓ VDRL/HBsAg/HIV</li> <li>✓ VIA</li> </ul>
<b>Community Health Centre/ Sub Division Hospital /District Hospital/ Tertiary Care / Medical College</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>• Kit-1,2,6</li> <li>• Condoms</li> <li>• Inj. Cefotaxime (1gm/12 hourly and can be extended up to 2gm/12 hourly) /Cefoperazone</li> <li>• Inj. Metronidazole</li> <li>• Inj. Clindamycin</li> <li>• Tab Calcium ±Vit D</li> <li>• Iron (Oral)</li> <li>• Parenteral Iron</li> <li>• Treatment of partner</li> </ul>	<ul style="list-style-type: none"> <li>✓ Hb</li> <li>✓ VDRL/HBsAg/HIV</li> <li>✓ Vaginal discharge examination (Hanging drop and Gram stain)</li> <li>✓ USG</li> <li>✓ VIA</li> <li>✓ Pap smear</li> <li>✓ Colposcopy, SOS biopsy</li> <li>✓ LLETZ(Large loop Excision of the Transformation Zone)</li> <li>✓ Cryotherapy</li> <li>✓ Thermocoagulation</li> </ul>



### 3. Prolapse

<b>Community</b>	<b>ASHA/MAS and ANM:</b> ✓ Lifestyle modification, healthy diet, smoking cessation. ✓ Early treatment for chronic cough and constipation. ✓ Promote institutional delivery for proper intra-natal care. ✓ Reinforce need for postnatal exercises ✓ Explain Kegel's exercises for early prolapse.		
<b>Sub Health Centre/HWC/Primary Health Centre/UPHC</b>	<b>CHO MO</b>	<ul style="list-style-type: none"> <li>• Lifestyle modification</li> <li>• 1<sup>st</sup> and 2<sup>nd</sup> degree prolapse - Pelvic floor exercises</li> <li>• Pessary insertion if necessary by MO or SN after tele-consultation with Gynaecologist</li> <li>• Physiotherapy for backache</li> </ul>	
<b>Community Health Centre/Sub Division Hospital/District Hospital/Tertiary Care / Medical College</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>• Lifestyle modification 1<sup>st</sup> and 2<sup>nd</sup> degree - Pelvic floor exercises</li> <li>• 3<sup>rd</sup> degree – Pessary / Surgical intervention ( VH with Mc Call's with AP repair OR conservative surgery if lady wants to preserve childbearing or is &lt; 40 years of age)</li> <li>• Surgical management of Vault prolapse and associated Stress Urinary Incontinence</li> <li>• Physiotherapy for backache</li> </ul>	USG

#### 4. Lower Abdominal Pain

<b>Community / Sub Health Centre</b>	<b>ASHA/MAS:</b> <ul style="list-style-type: none"> <li>• Distribution of Oral Iron and Calcium with D3 tabs</li> <li>• Deworming</li> <li>• IEC for prevention of diarrhoeal diseases</li> <li>• Counselling regarding Partner treatment for PID</li> </ul>		
<b>HWC/ Primary Health Centre/UPH C</b>	<b>CHO MO</b> Refer to Gynaecologist if ✓ no response to treatment or ✓ relapse of symptoms within 6 months or ✓ if associated with fever/ vomiting/ abdominal distension/ breathing difficulty/ abdominal lump/TB in patient or a family member/ within 6 weeks of delivery or within a month of abortion	<ul style="list-style-type: none"> <li>• Kits-1,2,6</li> <li>• Condoms</li> <li>• Tab Calcium ±Vit</li> <li>D</li> <li>• Injectable antibiotics (Cefotaxime)</li> <li>• Tab Metronidazole</li> <li>• Iron (Oral)</li> <li>• Parenteral Iron</li> </ul>	<ul style="list-style-type: none"> <li>✓ Urine routine and microscopy</li> <li>✓ Stool examination</li> </ul>
<b>Community Health Centre/ Sub Division Hospital /District Hospital/ Tertiary Care / Medical College</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>• Kit-1,2,6</li> <li>• Condoms</li> <li>• Inj. Cefotaxime /Cefoperazone</li> <li>• Inj. Metronidazole</li> <li>• Inj. Clindamycin</li> <li>• Tab Calcium ±Vit</li> <li>D</li> <li>• Iron (Oral)</li> <li>• Parenteral Iron</li> <li>• ATT for genital TB</li> </ul>	<ul style="list-style-type: none"> <li>✓ USG</li> <li>✓ Urine routine and microscopy</li> <li>✓ Stool examination</li> <li>✓ GI endoscopy</li> <li>✓ Laparoscopy and SOS surgical intervention</li> </ul>

### 5 Abnormal/ Unhealthy cervix

<b>Community / Sub Health Centre</b>	<b>ASHA/ANM/MAS:</b> ✓ Warning symptoms suggestive of cervical cancer. ✓ Importance of screening for cervical cancer. ✓ Protective effect of condoms on Cervical Intra-epithelial lesions. ✓ Safe sex practices	
<b>HWC/ Primary Health Centre/UPH C</b>	<b>CHO MO</b>	VIA PAP Smear
<b>Community Health Centre/ Sub Division Hospital /District Hospital/ Tertiary Care</b>	<b>Gynaecologist</b>	✓ VIA ✓ Pap smear ✓ Cervical biopsy (may be sent to higher centre for reporting) ✓ HPV testing ✓ Colposcopy ✓ Cervical biopsy (may be sent to higher centre for reporting) ✓ LEEP, LLETZ, Cryosurgery ✓ Management of Cervical cancer (Surgery or Radiotherapy)

6 Post hysterectomy follow up of woman who had Hysterectomy before 45 years of age

<b>Community + Sub Health Centre</b>	<b>ASHA/MAS:</b> ✓ Distribution of oral Iron and Calcium with D3 ✓ IEC about Post-menopausal problems and care. ✓ Counselling on important of regular exercise and healthy diet.		
<b>HWC/PHC/Non FRU CHC</b>	<b>CHO MO</b>	<ul style="list-style-type: none"> <li>• Tab Calcium ± Vit D</li> <li>• Iron (Oral)</li> <li>• Parenteral Iron</li> <li>• Vaginal Estrogen creams</li> </ul> after tele-consultation with the Gynaecologist	<ul style="list-style-type: none"> <li>• Hb</li> <li>• Lipid Profile</li> <li>• S. creatinine</li> </ul>
<b>Community Health Centre/ Sub-Division Hospital /District Hospital Tertiary Care / Medical College</b>	<b>Gynaecologist</b>	<ul style="list-style-type: none"> <li>• Tab Calcium ± Vit D</li> <li>• Iron (Oral)</li> <li>• Parenteral Iron</li> <li>• Vaginal Estrogen creams</li> <li>• Oral Estrogen - Progesterone for HRT if indicated</li> <li>• Bisphosphonates</li> <li>• Tab Tibolone (2.5mg/day)</li> </ul>	<ul style="list-style-type: none"> <li>• USG</li> <li>• Hb</li> <li>• Thyroid Profile</li> <li>• Lipid Profile</li> <li>• S. creatinine</li> <li>• ECG</li> <li>• Bone Mineral Density testing</li> </ul>

## **Basic Facts on Hysterectomy**

### **About Hysterectomy**

Uterus is a midline pelvic organ of the female reproductive system where the fetus develops during pregnancy. The surgical procedure of removal of the uterus is called hysterectomy. Hysterectomy is a major surgery done by a trained gynaecologist under regional or general anaesthesia. An abdominal hysterectomy involves removal of the uterus through an incision in the lower abdomen. When hysterectomy is performed through an incision in vagina it is called a vaginal hysterectomy. Laproscopic Hysterectomy is where the uterus and cervix are removed completely with the help of laproscope & laprosopic instruments through small incisions on the abdomen.

- A total hysterectomy is the removal of the uterus and cervix.
- When a hysterectomy includes removal of both the ovaries and fallopian tubes, the procedure is called hysterectomy with Bilateral Salpingo-Oophorectomy.

### **Hysterectomy with or without Oophorectomy**

The various indications for ovarian removal at the time of hysterectomy include genital tract malignancies (ovarian cancer, uterine cancer, cervical cancer, metastasis from non-genital tract malignancies), removal of ovaries and tubes in women genetically susceptible to ovarian cancer, ectopic pregnancy, ovarian abscess, ovarian endometriosis etc. In many non-cancerous conditions oophorectomy is performed with the aim of reducing the possibility of ovarian cancer in the future. Risk, benefits, and alternatives need to be discussed with the patient before surgery. Patients must be informed of the possible complications and the long-term effects of decreased hormone levels due to ovarian removal.

### **Unnecessary hysterectomy**

There is a fear that hysterectomy is done without reason. Patients can seek more than one opinion before taking decision. Many gynaecological conditions can be managed conservatively without the need for surgical intervention and hysterectomy should always be reserved as the last option. Few cases where hysterectomies can be avoided are

- Abnormal uterine bleeding
- Fibroid
- Completion of family
- Precondition for employment

- Fear of cancer

### **Hysterectomy as a method of treatment**

Hysterectomy can be performed in various conditions such as treatment of uterine cancer, ovarian cancer, some cases of cervical cancer, and various common noncancerous gynaecological conditions like abnormal uterine bleeding, fibroids, adenomyosis, endometriosis, uterovaginal prolapse, chronic pelvic pain etc. that lead to varying levels of pain, discomfort, uterine bleeding and emotional stress amongst women. A hysterectomy is a major operation with a long recovery time and is only considered after less invasive treatments have been tried. Although hysterectomy is often the definitive treatment for many gynaecological conditions, nonsurgical alternatives should always be attempted in elective cases.

Conditions for which hysterectomy can be done after all nonsurgical options have been tried

- a. Uterine fibroids (lumps in uterus) that cause pain, bleeding or other problems
- b. Thickening of the uterus – adenomyosis, endometrial hyperplasia etc.
- c. Uterine prolapse, which is a sliding of the uterus from its normal position into the vaginal canal
- d. Cancer of the uterus, cervix, or ovaries
- e. Abnormal vaginal bleeding\*
- f. Chronic pelvic pain

A hysterectomy may not be the best option for all women. It shouldn't be performed on women who still want to have children unless no other alternative are possible. Luckily, many conditions that can be treated with a hysterectomy may also be treated in other ways. For instance, hormone therapy can be used to treat endometriosis. Fibroids can be treated with other types of surgery that spare the uterus.

### **Hysterectomy should always be the last option.**

### **Complications and Side effects**

- **Immediate** Complications include heavy bleeding during or after surgery, risk of blood transfusion, damage to surrounding organs and blood vessels like the bladder, urethra, uterine artery and nerves, blood clots in the legs and lungs, breathing problems or problems due to anaesthesia
- Short term-fevers and chills, persistent nausea and vomiting, infection at the incision site, excessive bleeding, requirement of blood transfusion, difficulty with bowel function, difficulty voiding, pain which is not resolving, Injury to adjacent organs (bowel, bladder, ureter), Injury to nerves, chest pain, difficulty breathing, lower extremity, or calf pain and anesthesia related complications.

- Long-term- Bladder dysfunction due to cystocele formation (bladder prolapse through the vaginal wall), stress incontinence (Involuntary passage of urine), formation of enterocele and rectocele (bowel and rectum prolapsing through the vaginal wall), vaginal vault prolapse.
- Long term effects of decreased hormone levels- **surgically induced menopause** including hot flashes (sudden feeling of warmth in the upper body which is usually most intense over the face, neck and chest), night sweats, insomnia, vaginal dryness, recurrent UTI, mood changes, irritability, increased bone loss leading to osteoporosis and cardiac disease.

### Changes women can expect after a hysterectomy

- The women attains a surgical menopause so there will be no menstrual periods. If the ovaries have been removed along with a hysterectomy, there may be menopausal symptoms like hot flashes, sweating, vaginal dryness, mood swings etc as well as increased chances of developing osteoporosis, dyslipidemia, cardiovascular diseases, stroke etc.
- If ovaries are retained, menopause is experienced at a younger than average age.
- There will be a symptomatic relief of symptoms.
- Some women may experience mood changes after hysterectomy. There may be grief and possibly depression over the loss of fertility, loss of interest in food & lethargy.
- Some women have vaginal dryness or lack of interest in sex after a hysterectomy, especially if the ovaries have been removed.
- If both ovaries are removed, this may put the woman at higher risk for certain conditions such as: bone loss, heart disease, and urinary incontinence (leaking of urine)<sup>1</sup>.

### Issues relating to menstruation

Menstruation is required to be managed in a healthy and hygienic manner. One of the huge challenges in our society is the inability to deal with blood flow hygienically during menstruation. A large number of hysterectomies are done to get rid of menstruation without application of safer medical methods of treatment. Here, good counselling by a provider and a trained counsellor becomes very important. ASHA, Anganwadi worker and ANM can all popularize this by using a campaign format.

## **Guidance on Conducting Audits of Hysterectomies**

Medical audits are utilised to monitor the appropriate use of specific procedures. In the case of hysterectomy, ensuring regular audits may be necessary in areas where unnecessary use is suspected. The guidance below explains the process and use for an audit.

### **Who should conduct the assessment?**

Setting up of a Hysterectomy Audit Committee - Medical audit is best conducted by more than one person e.g. a technical expert and someone with social sciences expertise. A guideline for practitioners will help them to provide services that are ethically and technically correct in the social setting in which the patient exists and practitioner practices.

### **What can form part of the audit for unnecessary hysterectomy?**

#### **1. Patient Profile**

- a. Age
- b. Number of living children
- c. Socio economic status
- d. Education
- e. Cultural beliefs
- f. Occupation
- g. Area of residence
- h. Distance from hospital

#### **2. Eligibility of patients for hysterectomy**

- Is the indication for hysterectomy matching with the signs and symptoms of the actual disease from history taking, clinical examination, pathological and radiological findings?
- Is the patient really eligible for hysterectomy – age group, cause, menstrual symptoms marital status, desirous of fertility etc.
- Is the patient prepared for anaesthesia and hysterectomy – medically and psychological fit?

#### **3. Use of alternative and effective medical treatment**

- If the condition was benign (not cancer), were alternative non-surgical / medical treatments tried
- Was counselling on alternative treatment modalities done
- What was the alternative treatment provided and for how long was it used e.g.
  - Polyp : Polypectomy
  - Adenomyosis : LNG IUS/Oral hormonal therapy/Others
  - Leiomyoma – Myomectomy/Hysteroscopic resection/Uterine artery



- embolization/GnRH analogues / Ulipristal acetate /Inj. DMPA /LNG IUS
  - Endometrial Hyperplasia - High dose Progesterone
  - CIN: Conization/LEEP/LLETZ
  - Treatment of Coagulopathy
  - AUB due to Ovulatory dysfunction: Progesterone therapy
  - Utero-vaginal prolapse - Pessary
  - Obstetrical Haemorrhage : Uterine artery embolization/ Compression sutures/ Uterine balloon tamponade
- Was the effectiveness of alternative treatment assessed before deciding on hysterectomy
  - If yes, was it documented in the patient's case notes with necessary supportive documents

#### **4. Choice of surgical method**

- What was the rationale for selecting the type of surgical procedure
- Was the patient made aware about risks and outcomes of the selected procedure?
- Was comparison of costs of recommended procedures done - abdominal, vaginal and laparoscopic hysterectomy?

#### **5. Ethical issues**

- Was the decision on selecting the treatment method, particularly if a surgical procedure was recommended, based on involved and informed consent of the patient
- Was primary care for the gynaecological condition available to the patient
- Was choice of second or expert opinion available to the patient
- Was there any conflict of interest by the provider i.e. was provider opinion influenced by personal interest e.g. learning more about a procedure ( training situations ) or earning monetary benefit from patient or insurance agency
- Whether the audit is interfering with professional freedom of the practitioner or with doctor patient relationship in that particular setting

#### **6. How was the Hysterectomy conducted?**

Was it performed abdominally, vaginally or laparoscopically?

Approach will depend on indications for surgery, nature of disease, surgeon and patient preferences

#### **7. Why was the hysterectomy conducted?**

The reasons can range from benign conditions of the uterus to malignancies of the genital tract as well as obstetric reasons

#### Common Gynaecological Reasons

- Uterine fibroids - depends on site, size and symptom
- Chronic pelvic infection
- Chronic pelvic pain
- Abnormal Uterine Bleeding:
  - Polyps
  - Adenomyosis, endometriosis
  - Endometrial causes - Malignancy, Hyperplasia and other
  - Cancer of the ovaries, cervix, fallopian tubes.
  - Premalignant lesions of cervix.
  - Iatrogenic
  - Utero-vaginal prolapse

Obstetric Reasons

- Atonic Post-partum Haemorrhage with/without Placenta praevia
- Traumatic Post-Partum Haemorrhage
- Adherent placenta with/without Placenta praevia
- Sepsis
- Rupture Uterus
- Intractable post-partum haemorrhage

8. Were there intra-operative or post-operative complications during/following hysterectomy and were these documented?
9. Was there need for correction of anaemia by blood transfusion/ parenteral iron?
10. Was the Hysterectomy covered by an insurance scheme?
11. What was the cost incurred due to hysterectomy, including related interventions/treatment before, during and after the procedure?

**VARIOUS MODALITIES OF TREATMENT AVAILABLE FOR AUB/ DUB****1. Medical treatment for dysfunctional uterine bleeding**

Medical treatment options for DUB include tranexamic acid, nonsteroidal anti-inflammatory drugs (NSAIDs), combined oral contraception pill, progestogen, danazol and gonadotropin-releasing hormone analogues (GnRH-a). The effectiveness of the reported medical therapy for DUB has been evaluated and reviewed in systematic reviews in the Cochrane Library.

**Tranexamic acid**

Antifibrinolytic tranexamic acid has proven to be more effective than placebo, NSAIDs, progestogen in the luteal phase of menstrual cycle, or ethamsylate when subscribed to women with DUB, without any serious adverse effects. A reduction in menstrual flow by 34–59% has been reported by Wellington and Wagstaff, which is quite impressive. However, this drug is mainly indicated for acute or short-term use and not as a definite treatment for DUB.

The main problem with the administration of tranexamic acid for the treatment of DUB is the potential risk of thromboembolic disease due to its antifibrinolytic effect. Although this is always an issue, especially in cases of severe anemia, it seems that the risk does not reach a statistical significance.

**Nonsteroidal anti-inflammatory drugs**

Prostaglandins are found in high concentrations in the endometrial shedding. Nonsteroidal anti-inflammatory drugs inhibit prostaglandin synthesis and decrease menstrual blood loss. NSAIDs are quite effective in cases of DUB compared to placebo, but they are less effective than either tranexamic acid, danazol, or levonorgestrel intrauterine system.

**Combined oral contraceptive pill**

The combined oral contraceptive pill is another effective alternative treatment for DUB, offering at the same time contraception to women. It reduces menstrual blood loss, but there are not enough data to determine its value in comparison to other drugs. So, it seems reasonable to offer a combined oral contraceptive pill (COC) in young women suffering from DUB who also seek for contraception at the same time.

## **Progestogens**

The administration of progestogens for the treatment of anovulatory DUB was always a tempting alternative for physicians, in order to restore the natural cycle of endometrial growth and shedding. The oral luteal phase progestogens do not seem to be more advantageous over other hormonal medical treatments or levonorgestrel-releasing intrauterine device. A long-term administration of progestogen is sometimes followed by severe side effects, such as water retention and hirsutism, depending on the type and dose of progestin.

## **Danazol-gonadotropin-releasing hormone analogues**

Danazol and the GnRH analogues were found as highly effective agents for DUB compared to other medical treatments. However, the administration of danazol or GnRH-a is limited due to their strong side effects. Long-term administration of danazol may cause hirsutism while GnRH-a is associated with irreversible bone loss when used for more than 6 months. Thus, their utility is restricted mainly for short-term use, especially in cases of severe anemia, until further treatment is decided.

## **2. Levonorgestrel-releasing intrauterine device**

Another medical method for the treatment of DUB is the levonorgestrel-releasing intrauterine system (Mirena®). It was originally developed as a contraceptive method, but it has been proven quite effective in the treatment of DUB, so the device acquired approval for that indication too.

Its efficacy is based on the continuous local release of the progestogen (levonorgestrel) within the uterine cavity, which suppresses endometrial growth. Studies report reduction of blood loss in menstrual cycles up to 97%, with its maximum efficacy 1 year after insertion. The majority of women with Mirena bleed only for 1 day or experience just spotting during their period, while 15% of them become amenorrhoeic.

There are two trials comparing levonorgestrel intrauterine device (IUD) with medical treatment, two trials to transcervical resection of the endometrium and three trials comparing Mirena® with balloon ablation. Mirena was found superior to cyclical progestogens and mefenamic acid, but is significantly less effective than endometrial ablation in reducing blood loss. Interestingly, levonorgestrel IUD was found more cost effective than hysterectomy in Hurskainen et al.'s trial.

## **3. Surgical treatment for dysfunctional uterine bleeding**

In cases of DUB resistant to medical treatment, physicians should offer to women an alternative surgical treatment. In such patients, one could choose between endometrial ablation techniques and hysterectomy, taking into consideration patient's age, physical condition, and will.

Dilatation and curettage, which is offered as an alternative treatment option in women with excessive blood loss during menstrual periods, results in a temporary reduction of blood loss for the first month after the procedure, therefore it should not be proposed and performed in women suffering from DUB.

### **Endometrial ablation techniques**

Since Ashermann in 1948 described for the first time the association between amenorrhea and dilatation and curettage for termination of pregnancies, several investigators have studied the possibility of a controlled destruction of the basal layer of the endometrium in order to treat abnormal uterine bleeding.

Several methods have been developed from the early 1980s for the ablation of the endometrium and have been studied in cohort studies and randomized controlled trials. Basically, all these methods are divided in two large groups with a criterion, the need of direct visualization of the endometrial cavity.

### **First-generation endometrial ablation techniques**

First-generation endometrial ablation techniques are based on direct visualization of the endometrial cavity with a hysteroscope. Three methods were developed since the late 1980s, and their efficacy were studied and compared to other techniques by many investigators. Before the application of each technique, endometrial thinning was necessary by using GnRH-a or danazol.

### **Hysteroscopic laser ablation**

The first laser method was a neodymium-YAG laser, which destroyed the endometrium through a hysteroscope. Observational studies have reported a satisfaction rate up to 97% and amenorrhea rates ranging between 25% and 60% after hysteroscopic laser ablation (HLA). Failure rates varied between 7% and 21% in the same studies. There is only one prospective randomized trial comparing laser ablation with transcervical resection of the endometrium reporting 23% amenorrhea rate and 90% satisfaction rate. Despite the promising results of its use, the equipment's high cost and extended learning curve remain obstacles for its wide application.

### **Transcervical endometrial resection**

The wide use of a resectoscope in gynaecological operations allowed its application as a method for treatment of DUB. Transcervical endometrial resection (TCRE) has been shown to be an effective and safe method for treating DUB. TCRE was tested in nonrandomized prospective studies, which reported a satisfaction rate between 85% and 87% and an amenorrhea rate varying up to 46%. TCRE is comparable to other hysteroscopic endometrial ablation techniques in terms of amenorrhea and satisfaction rates. Direct visualization of the endometrial cavity and the possibility of treating concomitant endometrial pathology at the time of endometrial ablation remain the major advantages of the method.

### **Rollerball endometrial ablation**

The technique was developed in 1989 in Australia by Vancaillie and soon became quite popular due to its relative simplicity and excellent results. Studies report comparable results from its application to the other two first-generation ablation techniques (satisfaction rate up to 94% and amenorrhea rate varying between 29% and 35%). Rollerball endometrial ablation requires less operative time and shorter learning curve compared to TCRE and HLA.

Studies evaluating first-generation ablation techniques revealed quite impressive results regarding their effectiveness, treating three fourths of the women suffering from DUB, who would otherwise proceed to hysterectomy in terms of definite treatment. They are acknowledged to be the "gold standard" by which other, newer procedures are judged.

HLA and rollerball ablation are considered safer methods than TCRE, while resection of the endometrium caused more of the serious and possibly fatal complications, which include uterine perforation and bleeding, bowel injury, visceral burn, and hyponatremic encephalopathy with cerebral edema.

### **Second-generation endometrial ablation techniques**

Many endometrial ablation devices have been developed in the early 1990s for the treatment of DUB and categorized as second-generation ablation techniques. Their application did not require the use of a hysteroscope, so the advantage of a direct visualization of the endometrial cavity no longer existed. Therefore, endometrial biopsy prior to ablation is a mandatory prerequisite.

Every method consists of a different device which, by different means (hot liquid, laser, bipolar energy, ultrasound, microwaves, heating balloons, or cryoablation), causes selective destruction of the endometrial layer. These devices require less skills of the surgeon, as they are very simple to use, so the learning curve is smaller. The operation time is shorter, the anesthesia/analgesia can become minimal, and the complication rate is reduced.

In some of these techniques, a preoperative thinning of the endometrium with GnRH-a or danazol is not necessary, in contrast to all first-generation ablation techniques.

### **Thermal balloon endometrial ablation**

The technique consists of a balloon for insertion in the endometrial cavity and a generator. After insertion, the balloon is filled with hot liquid that causes a destructive thermal effect to the surrounding endometrium.

The Thermablate thermal balloon was developed in 2004, and since then, various authors have studied the application results of this device. Amenorrhea rate ranges between 22.2% and 35% with a failure rate varying between 3% and 5.5% .

### **Endometrial ablation by hysteroscopic instillation of hot saline (hydrotherm ablator)**

This technique, although applied hysteroscopically, is categorized as a second-generation endometrial ablation technique. Externally heated saline of 90°C is infused into the uterine cavity through the external sheath of a diagnostic hysteroscope. The pressure used for the infusion is less than 45 mmHg, thus preventing flow through the fallopian tubes. Under direct hysteroscopic view, the hot saline causes ablation of the endometrium. The application experience of the method is tested in several observational studies and in one randomized controlled trial compared to rollerball. Amenorrhea rates are reported up to 53%, cure rate up to 94%, and satisfaction rate up to 98% .

### **Microwave endometrial ablation (MEA)**

The microwave endometrial ablation system has been compared to first-generation ablative techniques (TCRE and rollerball) in randomized trials with similar results in terms of amenorrhea and satisfaction rates, even 10 years following surgery with low complication rates. There is also one randomized controlled trial comparing MEA and thermal balloon ablation, showing similar results in relation to menstrual scores and satisfaction.

### **Endometrial laser intrauterine thermal therapy (ELITT)**

The technique was developed by Donnez et al. in 1996 and causes endometrial ablation by laser photocoagulation . Preparation of the endometrium prior to laser application is considered necessary. The technique has been evaluated in a prospective observational study. Satisfaction rate was reported up to 90% at 12 months after treatment, while amenorrhea rate was 71% . There is only one randomized controlled trial comparing ELITT and TCRE, reporting at 12 months amenorrhea rates of 56% and 23%, respectively

### **Cryo-endometrial ablation**

Endometrial ablation is achieved by a cooling gas, which achieves a temperature of -90 to -100°C within the endometrial cavity. The treatment has been evaluated in prospective observational studies with encouraging results (amenorrhea 28% and satisfaction up to 91%) .

### **Bipolar impedance controlled endometrial ablation (Novasure)**

The device consists of a radio frequency generator and a single-use bipolar ablation probe. The probe consists of a three-dimensional expandable bipolar electrode, which comes in touch with the entire endometrial cavity, when opened. There is also a vacuum pump within the generator, which provides continuous suction of the endometrial lining and debris; therefore, preoperative preparation of the endometrium is not generally needed. The generator operates at 500 KHz and has a power cutoff limit of 50  $\Omega$  of tissue impedance. Once the myometrial layer is reached, immediately the tissue impedance increases to 50  $\Omega$ , and the generator automatically switches off.

This method has been evaluated in prospective observational studies and women reported a satisfaction rate of up to 87%, an amenorrhea rate of up to 58%, and a failure rate of up to 3% 1 year after treatment, while amenorrhea rate at 3 years postablation

reported to be 65%. At 5 years following treatment, women report an impressive amenorrhea rate of 75%, while the study reveals an overall success of the method up to 98%. There is one clinical trial comparing Novasure with combined loop excision plus roller ball ablation, reporting an amenorrhea rate of 41% and a satisfaction rate of 93% in the Novasure arm, compared with 35% and 94%, respectively in the rollerball arm. Novasure has been compared in prospective randomized controlled trials with other second-generation ablation techniques.

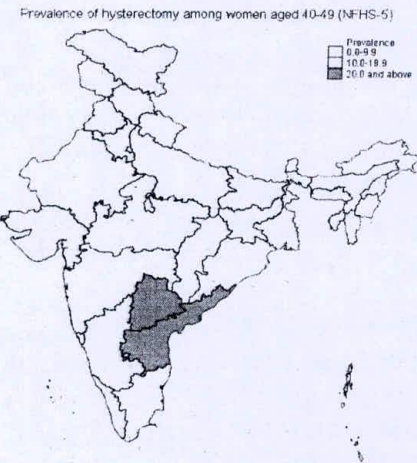


# Hysterectomy in Karnataka

## Patterns

The National Family Health Surveys Rounds 4 (2015-16) and 5 (2019-21) consistently find moderately high prevalence of hysterectomy in Karnataka.

- One in eleven women who are currently 40-49 have had a hysterectomy; they underwent the surgery at a median age of 36.
- Prevalence amongst women in the 30-39 age group shows small reductions over the past two survey rounds, which may suggest some declines.



- Prevalence varies across the state, with up to 1 in 4 women (40-49 yrs) reporting previous hysterectomy in several districts.
- About 55% of hysterectomies are conducted in private facilities.
- The leading self-reported causes by women are excessive menstrual bleeding, cervical discharge and fibroids/ cysts.
- Rural, less educated women have higher odds of hysterectomy – which indicates concerns with vulnerability and equitable access to quality health care.

## Health Risks

- Hysterectomy, even without oophorectomy, is correlated with long term health risks, especially in women who undergo the surgery before 40 years.
- An analysis of the Longitudinal Survey on Ageing in India found correlations with risk of hypertension, high cholesterol, diabetes and bone disease amongst older women.

## Key Concerns

- *Access to treatment for gynaecological morbidities* – do women have access to hormonal treatment, LNG-IUS and other medical options? Are there outreach and cost barriers?

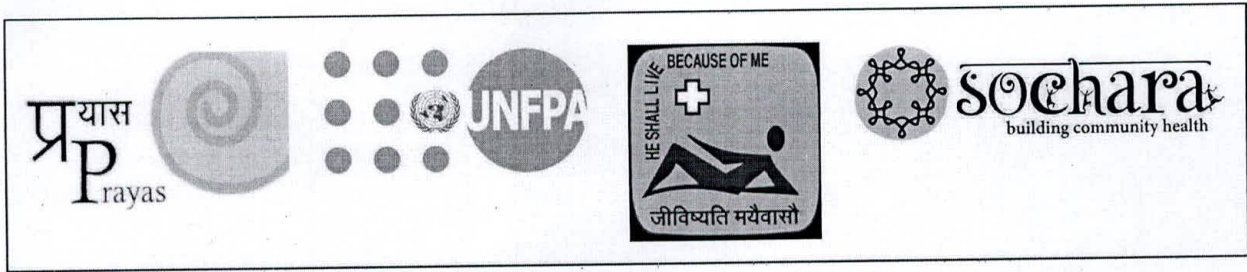
- *Who is conducting unindicated hysterectomies?* How can the national guidelines support better monitoring and auditing?
- *Prevention* through outreach, communication, cancer screening and better access to gynaecological care
- *Consequences on women's health* for the large number of women who have already undergone hysterectomy, especially with ovarian removal.

### **Union Health Ministry Guidelines**

- The Union Health Ministry in 2023 issued guidelines to prevent unnecessary hysterectomies (enclosed) provide:
  - **Guidance** to public health programme managers on measures to address unnecessary hysterectomy at the **facility level**
  - Strategies for **monitoring** and **community awareness** generation activities
  - **Clinical guidelines** on **common conditions** that have emerged as indications
  - **Audit** and **data collection** forms
- Treatment protocols for dysfunctional/abnormal uterine bleeding, fibroids, cysts, uterine prolapse and abnormal cervix are proposed and undergoing further development with FOGSI and other experts.
- The Guidelines call for setting up district, State-level and national hysterectomy monitoring committees to collect and review data on age, indications, who conducted the procedure and processes followed (data format enclosed).
- State and district committees are to collect data including a monthly audit, at the district level, of cases with following indications:
  - Hysterectomy with/ without BSO in women <35 yrs. of age
  - Hysterectomy with BSO in women < 40 yrs. of age
  - All cases where no indication for doing the procedure is mentioned in the records
  - All cases where no records of treatment prior to hysterectomy (in papers or in history) are available
  - Discrepancy between mentioned indication and HPE report
  - Any severe morbidity/mortality due to hysterectomy

### **Key information to communicate through health awareness programmes:**

- Hysterectomy should not be the first treatment option for most gynaecological morbidity: have alternative treatments been tried?
- Ensure examination and lab tests with qualified gynaecologist
- Know the extent of surgery: will ovaries be removed?
- Second opinion is essential
- Know the side effects, especially for women <40 years



## ROUND TABLE

### “Access to Rational Treatment for Gynaecological Morbidities & Prevention of Unnecessary Hysterectomies in Karnataka”

18th December 2023

VENUE: St. John’s Medical College (SJMC),  
Sarjapur Road, Bengaluru, Karnataka

#### PROGRAMME SCHEDULE

Time	Session details
12.30 pm - 1:30 pm	<b>LUNCH</b> - Banyan Tree <b>REGISTRATIONS</b> Cardinal Gracious Hall, Ground Floor, SJMC
1:30 pm - 1:50 pm	Welcome: Dr. Shashikala Karanth, Professor & HOD Dept of OBG SJMCH Director, St. John’s National Academy of Health Sciences; Rev. Fr. Jesudoss Rajamanickman Dean, St. John’s Medical College, Dr. George Dsouza Dr. Ravindranath Meti, District Health Officer, Bengaluru Urban Other Dignitaries
1:50 pm - 2:00 pm	<b>Background and Overview of the Roundtable</b> - Dr. Narendra Gupta, Prayas
2:00 pm - 2:05 pm	<b>Human Dignity &amp; Integrity of Body Parts</b> - Rev. Dr. J. Chales Davis Associate Director SJMC
2:05 pm - 2.20 pm	<b>National Campaign on Preventing Unnecessary Hysterectomies - a FOGSI initiative</b> Dr, Hema Divakar, Former FOGSI President
2:20 pm - 2:35 pm	<b>Preserve the Uterus: Awareness and improving gynecological care and prevention of unnecessary hysterectomies.</b> - Dr. Shashikala Karanth, Professor & HOD Dept of OBG SJMCH
2:35 pm - 2:45 pm	<b>Public Health and Women’s Health Perspectives</b> - Dr. Thelma Narayan, SOCHARA
2:45 pm - 3.00 pm	<b>Presentation on trends in hysterectomy in Karnataka</b> - Dr. Sapna Desai, Senior Fellow Population Council Institute, New Delhi and Member National Subcommittee on IEC and Alternative Treatments for Hysterectomy

3.00 pm – 3:15 pm	<b>National Guidelines for Preventing Unnecessary Hysterectomies.</b> - Dr. Amita Bali Vohra, DDG, DGHS, MoHFW, Govt. of India
3:15 pm – 03:25 pm	<b>Data Driven Mentorship Program for Reduction of Unnecessary Hysterectomies</b> - Dr. P S Balu, Chitradurga
3.25pm – 3.35pm	<b>Young Voices – To prevent unnecessary hysterectomies.</b> Senior Residents / PG SJMCH
3:35 pm – 3:50 pm	<b>TEA BREAK &amp; PHOTO SESSION</b>
3:50 pm – 4:50 pm	<b>Open discussion on implementation of national guidelines to prevent unnecessary hysterectomies. (Small group discussions)</b>  <b>Moderators:</b> <i>Dr. Shashikala Karanth, Professor &amp; HOD, Dept of OBG SJMCH</i> <i>Dr. Vishnupriya KMN, Associate Professor, Dept of OBG SJMCH</i>
<b>Vote of thanks</b> <b>Dr. Madhu Swetha Sharma</b>	



राजेश भूषण, आईएएस  
सचिव  
RAJESH BHUSHAN, IAS  
SECRETARY



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भारत सरकार  
स्वास्थ्य एवं परिवार कल्याण विभाग  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
Government of India  
Department of Health and Family Welfare  
Ministry of Health and Family Welfare

D.O.No.H.11016/07/2022-MH-I  
28-4-2023

*Dear Colleague,*

The matter is regarding prevention of unnecessary and often unjustified hysterectomies performed by certain medical institutions. This issue is being closely monitored by Ministry of Health and Family Welfare. Guidelines in this regard were prepared by this Ministry and the copy of the same with a data collection format was circulated earlier to all States/UTs. The copy of the guidelines is again enclosed herewith along with data collection format.

The States are requested to share the hysterectomy status/data Pre and Post implementation of these guidelines. They are also advised to undertake compulsory audits for all hysterectomies, as is already being done for maternal mortality in all healthcare Institutions (both public and private).

*Warm regards .*

Encls.: as above

Yours sincerely,

(Rajesh Bhushan)

ACS/Principal Secretary/ Secretary (Health) of States/UTs