



E- 7/83, Ashoka Society, Arera Colony,
Bhopal, Madhya Pradesh 462036



**VISUAL INSPECTION
WITH ACETIC ACID (VIA)**

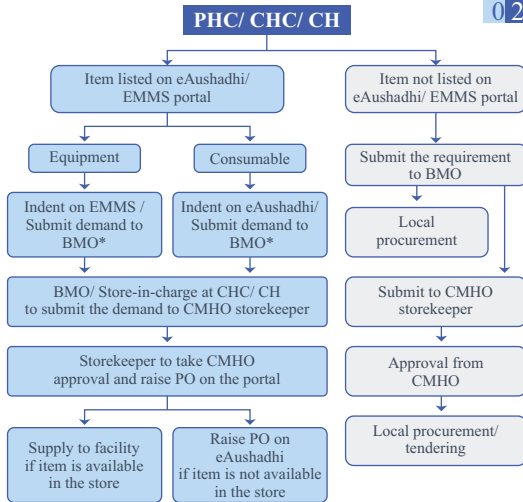
EQUIPMENT AND CONSUMABLES

Process to raise demand for equipment and consumables for VIA

At PHC/ CHC/ CH

Abbreviations used in the flowchart-

1. BMO - Block Medical Officer
2. CMHO - Chief Medical Health Office
3. CHC - Community Health Center
4. CH - Civil Hospital
5. EMMS - Equipment Maintenance & Management System/Software
6. PHC - Primary Health Center
7. PO - Purchase Order



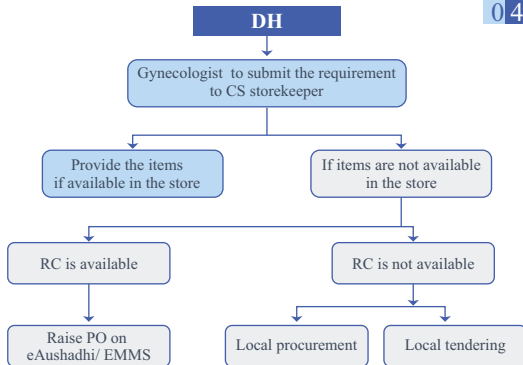
* In case portal cannot be accessed from the facility

Process to raise demand for equipment and consumables for VIA

At DH

Abbreviations used in the flowchart-

1. CS - Civil Surgeon
2. DH - District Hospital
3. PO - Purchase Order
4. RC - Rate Contract



Consumables for VIA Examination

1 Glacial Acetic Acid



2 Distilled Water



3 Normal Saline



4 Cotton Balls



5 Lubricant Jelly



6 Disposable Gloves



Glacial Acetic Acid **1**



To Disinfect -
Wipe the bottle with 0.5% chlorine solution

Use: To prepare 5% acetic acid



Always use **freshly prepared 5% acetic acid**



Always **discard remaining 5% acetic acid** at the end of the day



Do not apply glacial acetic acid without diluting, it may cause serious burns to woman



To prepare 100 ml - 5% acetic acid, mix 5ml of glacial acetic acid in 95 ml of distilled water
(For different volumes of 5% acetic acid - refer to Table on page no. 33-34)

Distilled Water 2



To Disinfect -
Wipe the bottle with 0.5% chlorine solution

Use: To prepare 5% acetic acid



Always use **freshly prepared 5% acetic acid**



Do not use normal saline or tap water
to prepare 5% acetic acid

Normal Saline



To Disinfect -
Wipe the bottle with 0.5% chlorine solution

Use: To lubricate speculum and clean the cervix for proper visualization



Before applying 5% acetic acid, cervix can be cleaned with normal saline to remove excess mucous



Do not use normal saline to prepare 5% acetic acid, **use only distilled water**

Cotton Balls

4



Throw used cotton balls in dustbin

**Use: To clean cervix and apply
5% acetic acid**



Gently dab the cotton balls soaked in 5% acetic acid on entire cervix for **complete 1 minute**



Always use **sterile** cotton balls



Do not rub cotton balls on cervix too strongly, it may cause injury and cervix may start bleeding

Lubricant Jelly

5



To Disinfect -
Wipe the tube with 0.5% chlorine solution

Use: To lubricate the blades of speculum



Lubricating blades of speculum with lubricant jelly helps in easy insertion of speculum



If lubricant jelly is not available, speculum blades can be lubricated using normal saline

Disposable Gloves

6



Throw used gloves in dustbin

Use: To prevent infection



Always use **new pair of sterile gloves** before each examination to prevent cross contamination



Always wear gloves **before preparing 5% acetic acid** to prevent accidental burns



Always **wash hands before wearing gloves and after removing them**



Do not touch clean equipment or consumables while wearing used gloves

Equipment for VIA Examination

1 Examination Table



2 Cusco's Speculum



3 Sponge Holding Forceps



4 White Light Source



5 Measuring Cylinder



6 Consent Forms and Reporting Registers



Examination Table

1



To Disinfect -
Wipe table with 0.5% chlorine solution

**Use: For woman to lie down
during VIA examination**



Always **help woman to comfortably lie down** on table during examination



Always wipe table with 0.5% chlorine solution after every screening



Do not leave examination table unclean after screening

Cusco's Speculum

2



To Decontaminate -



Soak in 0.5% chlorine solution for 20 minutes



Wash with clean water and detergent



Autoclave or boil

Use: To expose the cervix during VIA Examination

Always choose **speculum of appropriate size** and **lubricate with normal saline or jelly** to prevent pain to woman and to ensure adequate exposure



Use **non-lubricated condom or cut finger glove** to lubricate the speculum and **block lateral vaginal walls**



Do not use speculum without proper disinfection as it can cause infection transmission

Sponge Holding Forceps

3



To Decontaminate -



Soak in 0.5% chlorine solution for 20 minutes



Wash with clean water and detergent



Autoclave or boil

Use: To hold cotton balls to apply 5% acetic acid on cervix



5% acetic acid should be applied to cervix for complete **1 minute** before result interpretation



Do not cause accidental injury to vaginal walls from forceps while applying 5% acetic acid

White Light Source

4



To Disinfect -
Wipe the surface of lamp
with 0.5% chlorine solution

**Use: To visualize cervix properly
during VIA examination**



Lamp should be **easily adjustable** to focus the light for adequate viewing of the cervix



Use of suboptimal light source or yellow light source can lead to misinterpretation of VIA result

Measuring Cylinder



Wash with water and detergent

Use: To measure glacial acetic acid and distilled water for preparing 5% acetic acid



If measuring cylinder is not available, use syringe to measure glacial acetic acid and distilled water



Be careful in measuring volumes of glacial acetic acid and distilled water, wrong volumes will lead to wrong results



Do not prepare excess volume of 5% acetic acid as it will lead to wastage
(Refer to table on page no 33-34)

Consent forms and Reporting Registers

क्र.	विकास	उम्र	लिंग	रोग	रिपोर्ट (किसी संस्था)	पथी की संख्या	संशोधन संस्थान (के.आई.सी.)	संशोधन संस्थान का पता	संशोधन संस्थान का फोन नंबर	विवरण			संशोधन संस्थान का पता	संशोधन संस्थान का फोन नंबर
										विवरण	विवरण	विवरण		

Use: To document the case and take consent of woman prior to screening



Written consent should be obtained after explaining procedure to woman



Always verify mobile numbers, (especially for via positive cases) for ease of follow-up in the future



Do not leave any applicable field of reporting register unfilled

Volume of 5% acetic acid should be prepared according to the number of women who needs to be screened in health care facilities to avoid wastage of resources

Refer the table on the right for volumes of distilled water and glacial acetic acid required for different volumes of 5% acetic acid

Volume of 5% acetic acid (ml)	Volume of glacial acetic acid (ml)	Volume of distilled water (ml)
20	1	19
40	2	38
60	3	57
80	4	76
100	5	95

VIA Tray



Always keep VIA tray ready before starting the VIA screening procedure

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