**Toluidine Blue Dye (TBD) Application used for MFSAEEC**

1) Toluidine Blue Dye (TBD) application will be done prior to any digital, speculum examination, or vaginal instrumentation (i.e. insertion of a vaginal Foley catheter, rectal swab). Note: Otherwise injuries could be contributed to improper handling of an examination with speculum or the improper insertion of the examining finger.

2) Before applying the dye:
   a) Inspect the anal-genital area for injury
   b) Photograph the anal-genital area (unless patient refuses).
   c) Collect all indicated external anal-genital swabs and /or specimens before applying the dye.

3) TBD application may be used externally on labia majora, labia minora, posterior fourchette, hymen, perianal body, perianal area.
   a) Do NOT apply to mucus membranes because the uptake will be diffuse and nonspecific for injury.
   b) Avoid dye entering the vaginal vault although DNA evidenced will be preserved.

4) Apply TBD by using a T-Blue Swab or gently roll a sterile cotton swab with TBD to genital area in question.

5) Allow to dry approximate one minute.

6) Using spray bottle with 1% Acetic Acid (1 part vinegar to 10 parts water), gently spray the area until excess TBD is flushed away **OR** gently blot using water soluble lubricating jelly on gauze pad but do NOT rub. Use clean gauze to blot off as much lubricating jelly as possible but do <u>NOT</u> rub.

7) Re-examine the genitalia.

8) Document findings.

9) Take photographs of area for documentation following TBD application.

10) Advise the patient that small amounts of dye may shed in their clothing over the next 2 days.