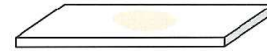
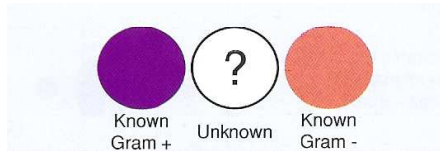


## Gram Stain Procedure

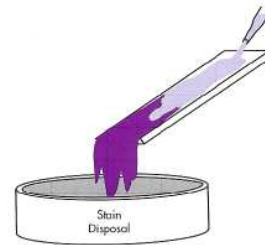
*Include positive and negative controls:*



1. Begin with a heat-fixed emulsion.



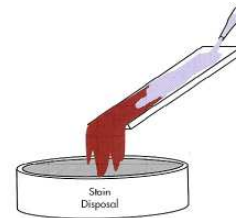
2. Cover the smear with Crystal Violet stain for 1 minute.  
Use a staining tray to catch excess stain.



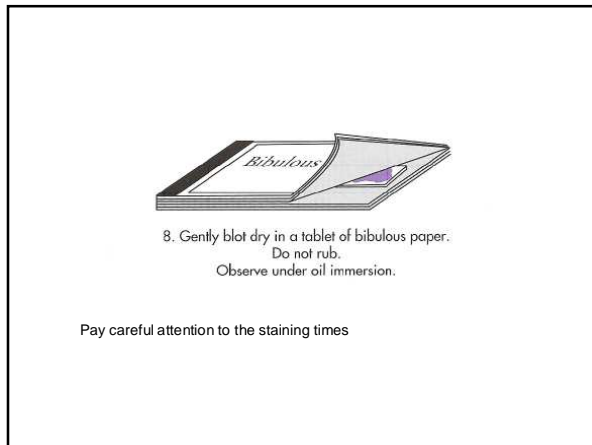
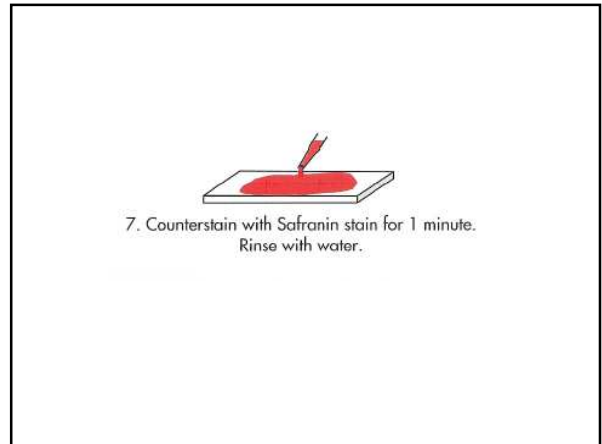
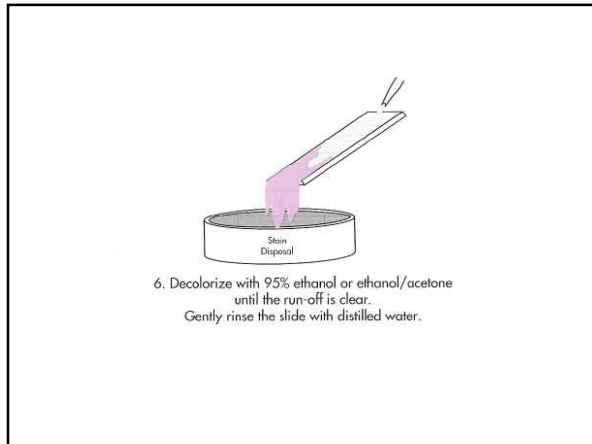
3. Grasp the slide with a slide holder.  
Gently rinse the slide with distilled water.



4. Cover the smear with Iodine stain for 1 minute.  
Use a staining tray to catch excess stain.



5. Grasp the slide with a slide holder.  
Gently rinse the slide with distilled water.



***Pay careful attention to the staining times***

- If your preparations do not give “correct” results
- The most likely source of error is in the decolorization step
- Adjust its timing accordingly on subsequent stains