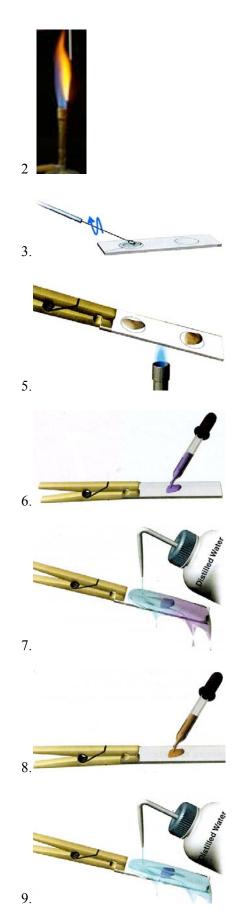
Gram Staining Case, Skyline College



- 1. Grasp the inoculating loop like a pencil.
- 2. Flaming. Heat the **entire wire** in the upper portion of the flame until it is red hot.
- 3. Place a small amount of growth in a **loopful of water** already on the slide, mix, spread over a small area, and allow to air **DRY**. (Omit the water for broth cultures.)
- 4. Flame the loop.
- 5. Heat fixing. When completely dry, pass the smear through the hot portion of the flame three times.
- 6. Cover the smear with crystal violet for 30 seconds.
- 7. Gently wash off the crystal violet by squirting watr so it runs through the smear.
- 8. Cover the smear with Gram's iodine for 10 seconds.
- 9. Gently wash the smear with water.
- 10. Decolorize is with acetoneethanol for 10-20 second.
- 11. Gently wash the smear with water.
- 12. Cover the smear with safranin for 30 seconds

14.

- 13. Gently wash the smear with water.
- 14. Dry the slide by placing it between pieces of paper towel. Don't rub.
- 15. Observe the slide under oil immersion (1000×), it does not need a cover slip.

