Gram stain

[ By Dr.Ebtisam Eid]

Procedure :

1-**Sterilize** a loop by using a red flam

2--Prepare the sample: by putting a drop of normal saline on a slide and suspend it with a culture

3-**Fixation** : leave the slide to dry and fix it by flaming

4**- Basic stain** : Flood the smear with crystal violet stain for[1 min ],then wash it with water

5-**Diffusion**: With Gram iodine for [1min],then wash with water

6-**Decolourization** : with alcohol for [10 sec] ,then wash with water.

7-**Counter stain**:With Safranin orCarbol- fuchin for [1min],then wash with water

8-leave the slide to dry

9-Examin the slide under the microscope with oil immersion lens

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