Viewing Bacteria Under Oil Immersion Remen

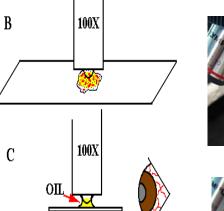
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Remember PARFOCAL!

- 1. Protect your high dry objective lens with finger cot.
- 2. Place slide on mechanical stage.
 - Make sure side of slide with smear is facing up.
- 3. View smear at low power.
 - Can't see much, but you use this step to get the smear crisply in focus.
- 4. Place a drop of immersion oil directly onto bacterial smear.
- 5. Switch to oil immersion lens.
 - Do not move the focus or stage when switching objectives.
- 6. ONLY USE FINE FOCUS ADJUSTMENT!!!
- 7. View individual bacterial cells, either round or rod shaped, depending on type of bacteria.
- 8. When done, use lens paper to clean your lenses and remove any oil from the stage.
- 9. Store scope with shortest, scanning lens (4x, red banded) pointing down and stage lowered as far as it will go.
- DO NOT EVER use coarse focus when working with high dry or oil immersion objective lenses.







-OIL

SMEAR



