Direct Smear Training Guide

Non-respiratory Tract Specimens

Compiled by:
Wisconsin Clinical Laboratory Network
Laboratory Technical Advisory Group (LabTAG)
Positive blood culture vial; 100x Oil Immersion
Yeast viewed on Gram stain
Positive blood culture vial; 100x Oil Immersion
Pleomorphic GNB viewed on Gram stain; potential (suboptimal) antibiotic effect
Blood clot; 100x Oil Immersion
GPC (clusters) viewed on Gram stain; Culture grew *Staphylococcus epidermidis*
Pleural fluid; 100x Oil Immersion
GPC (chains) viewed on Gram stain; Culture grew viridans group *Streptococcus*
Peritoneal fluid; 100x Oil Immersion
Yeast w/ pseudohyphae viewed on Gram stain; Culture grew *Candida albicans*
Foot wound; 100x Oil Immersion
multiple GPR (some with subterminal spores), GPC; no WBC viewed on Gram stain; Culture grew mixed flora, including *Lactobacillus* spp., *Peptococcus* spp., *Clostridium* spp. (not *C. perfringens*)
Pancreatic pseudocyst; 100x Oil Immersion
GNB (some bipolar staining) viewed on Gram stain; Culture grew *Prevotella melaninogenica*
Male urethral smear; 100x Oil Immersion
Intracellular GNDC viewed on Gram stain; Culture grew *Neisseria gonorrhoeae*