

Direct Smear Training Guide

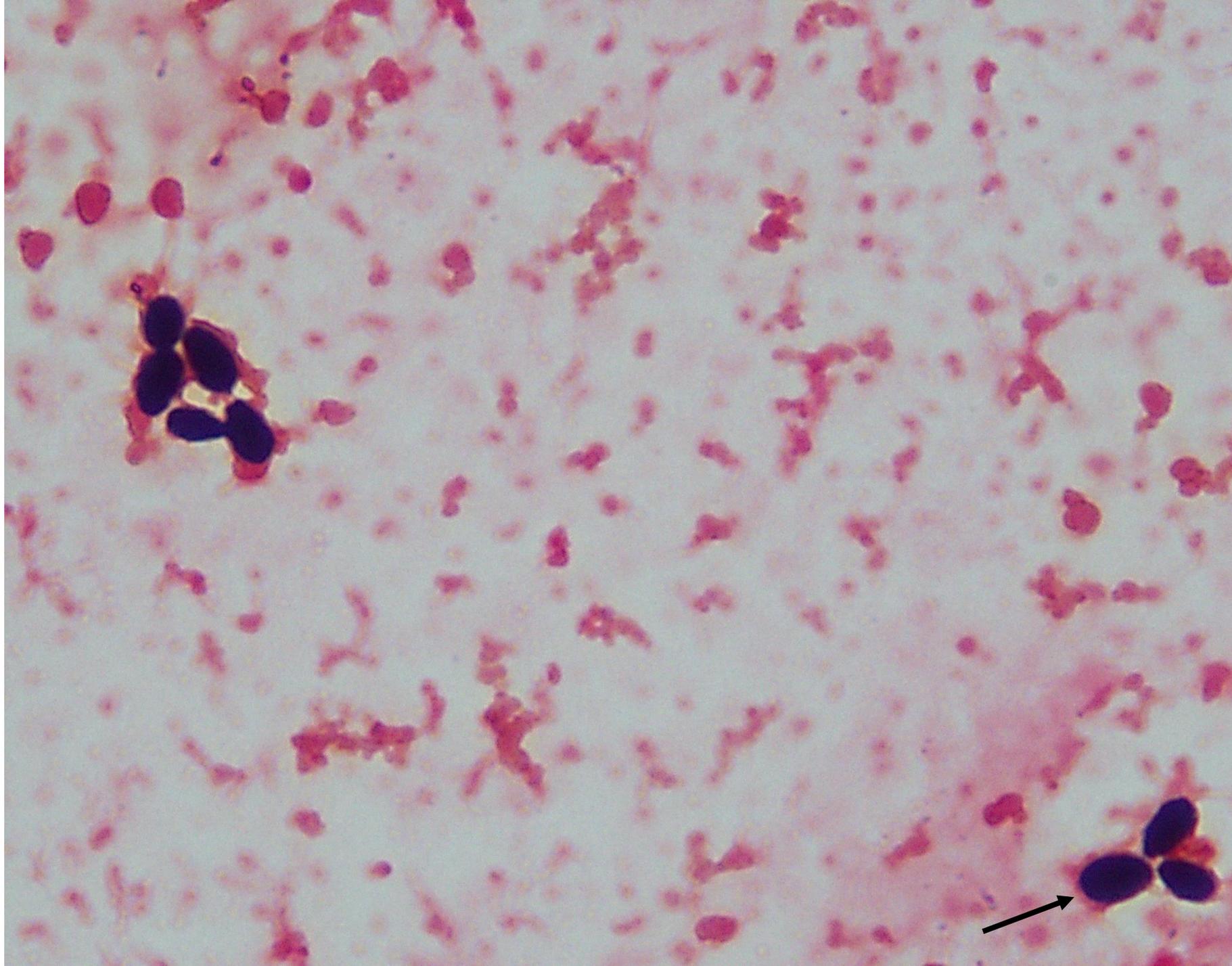
Non-respiratory Tract Specimens



Compiled by:

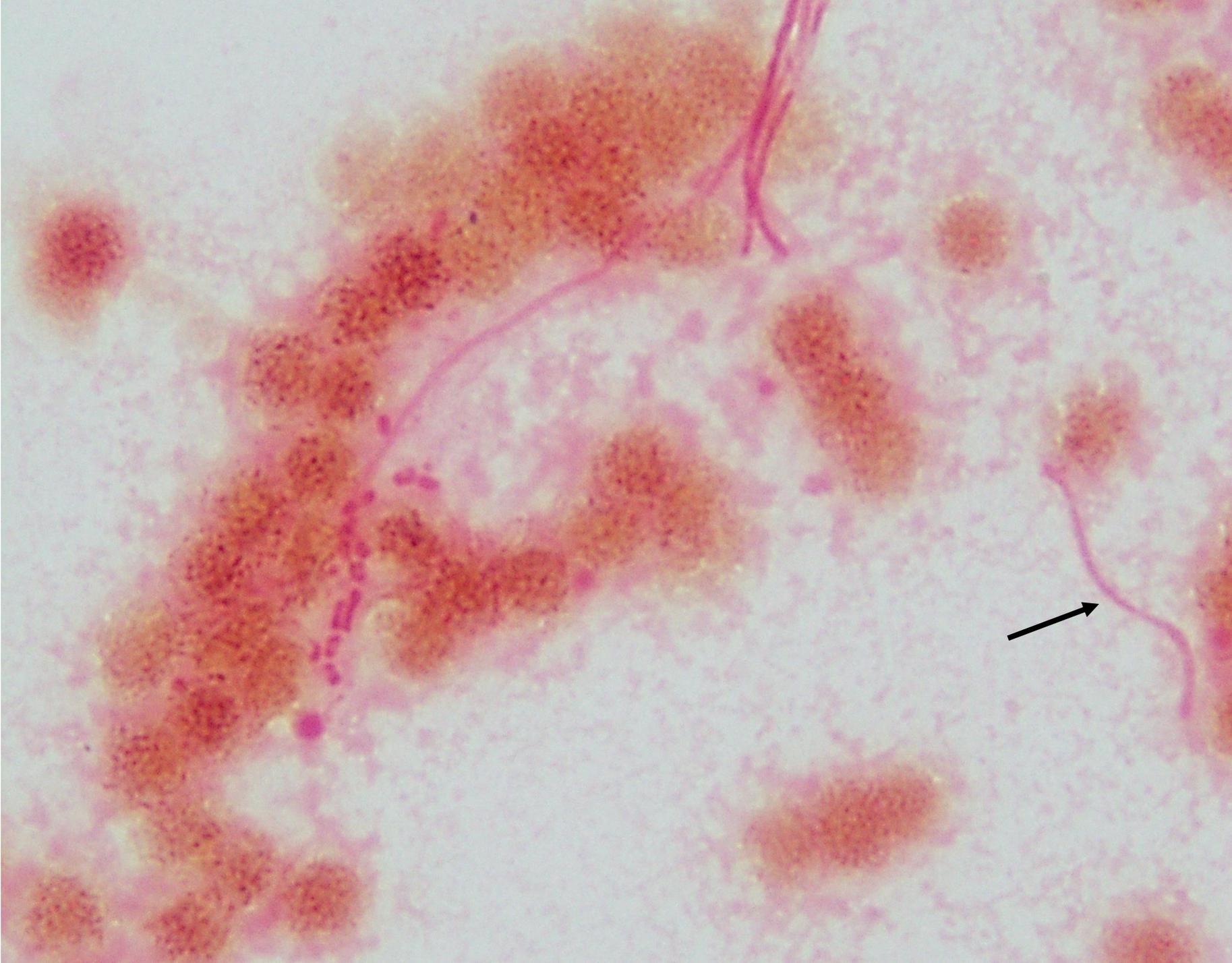
Wisconsin Clinical Laboratory Network
Laboratory Technical Advisory Group (LabTAG)

Positive blood culture vial; 100x Oil Immersion



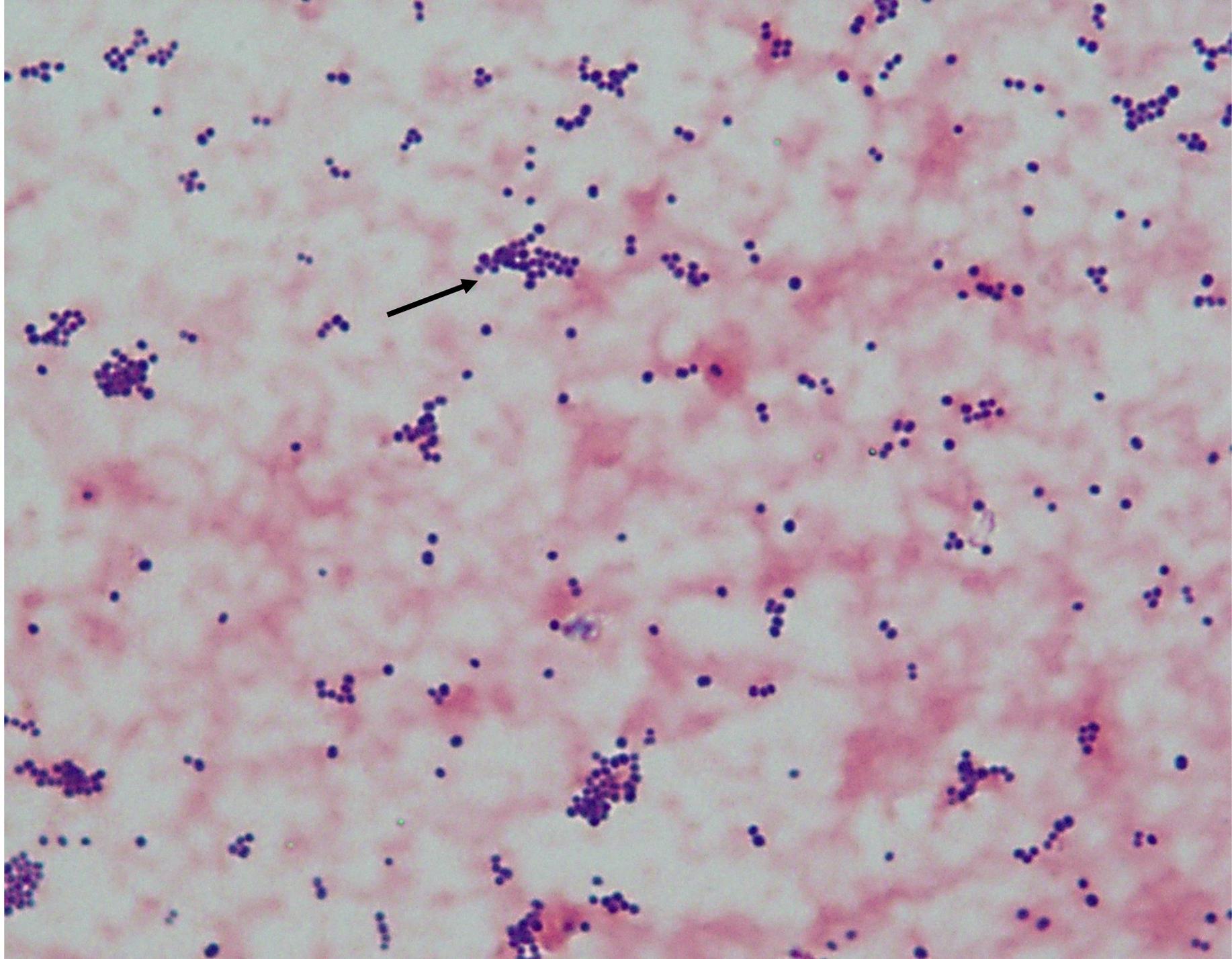
Yeast viewed on Gram stain

Positive blood culture vial; 100x Oil Immersion



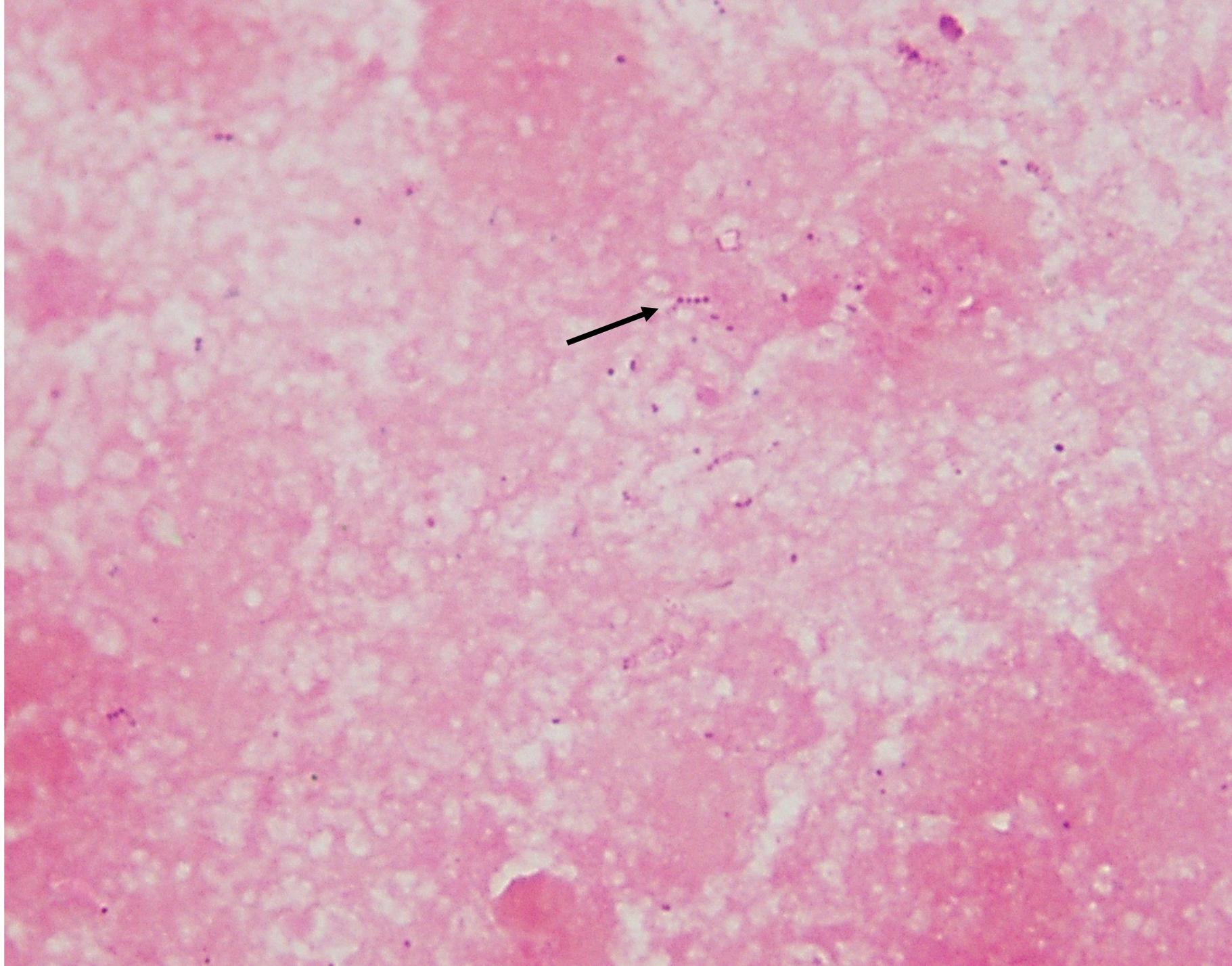
Pleomorphic GNB viewed on Gram stain;
potential (suboptimal) antibiotic effect

Blood clot; 100x Oil Immersion



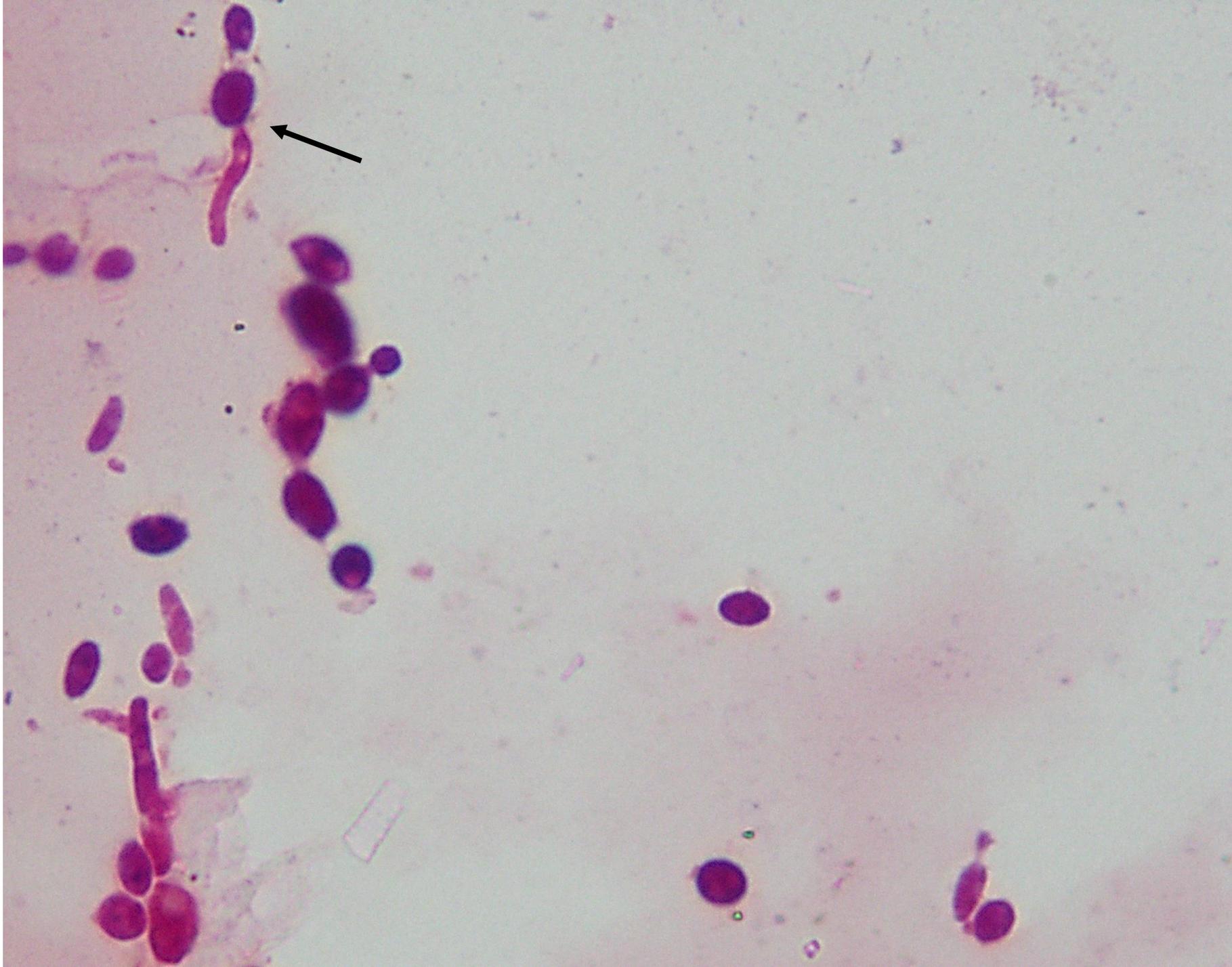
GPC (clusters) viewed on Gram stain;
Culture grew *Staphylococcus epidermidis*

Pleural fluid; 100x Oil Immersion



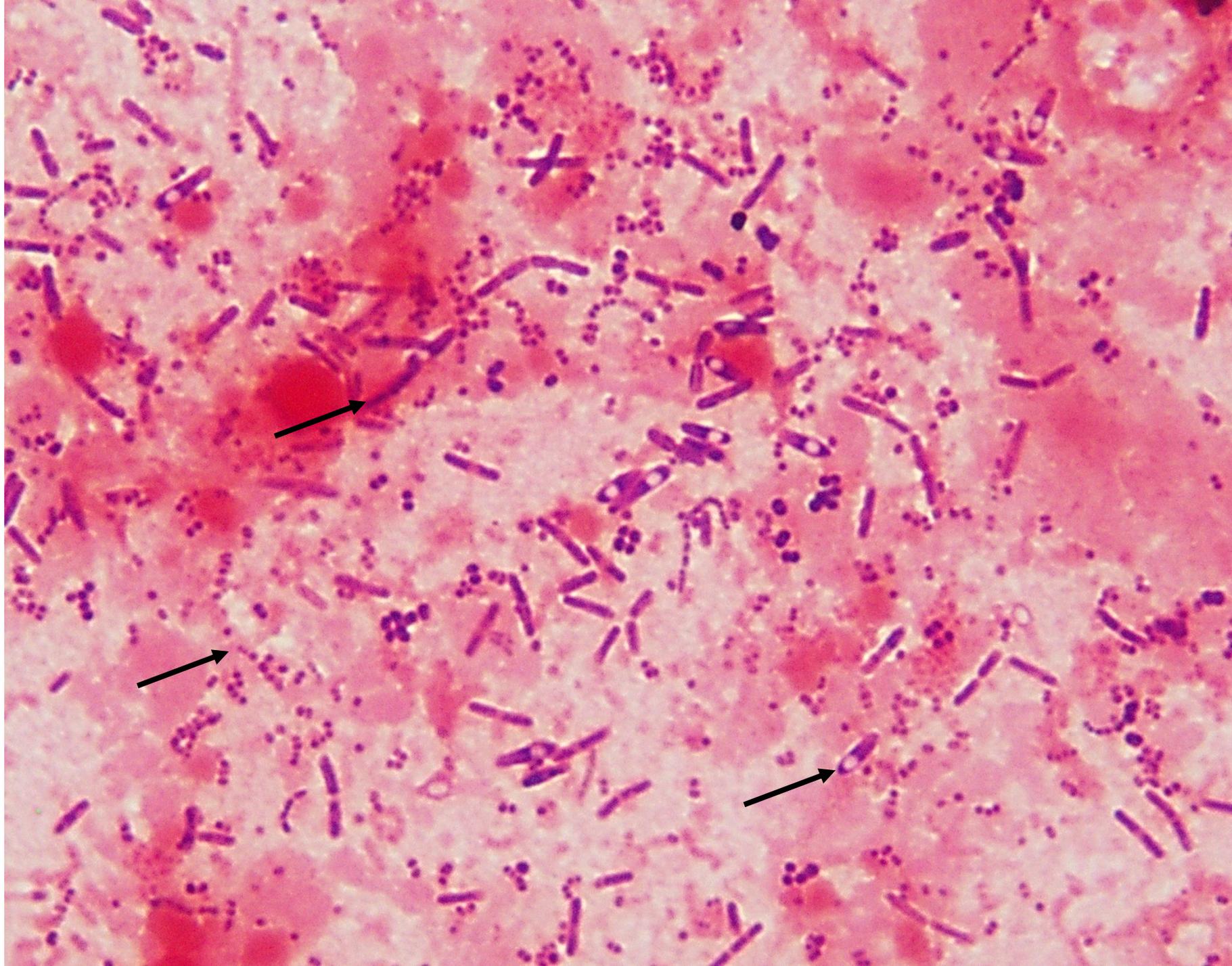
GPC (chains) viewed on Gram stain;
Culture grew viridans group *Streptococcus*

Peritoneal fluid; 100x Oil Immersion



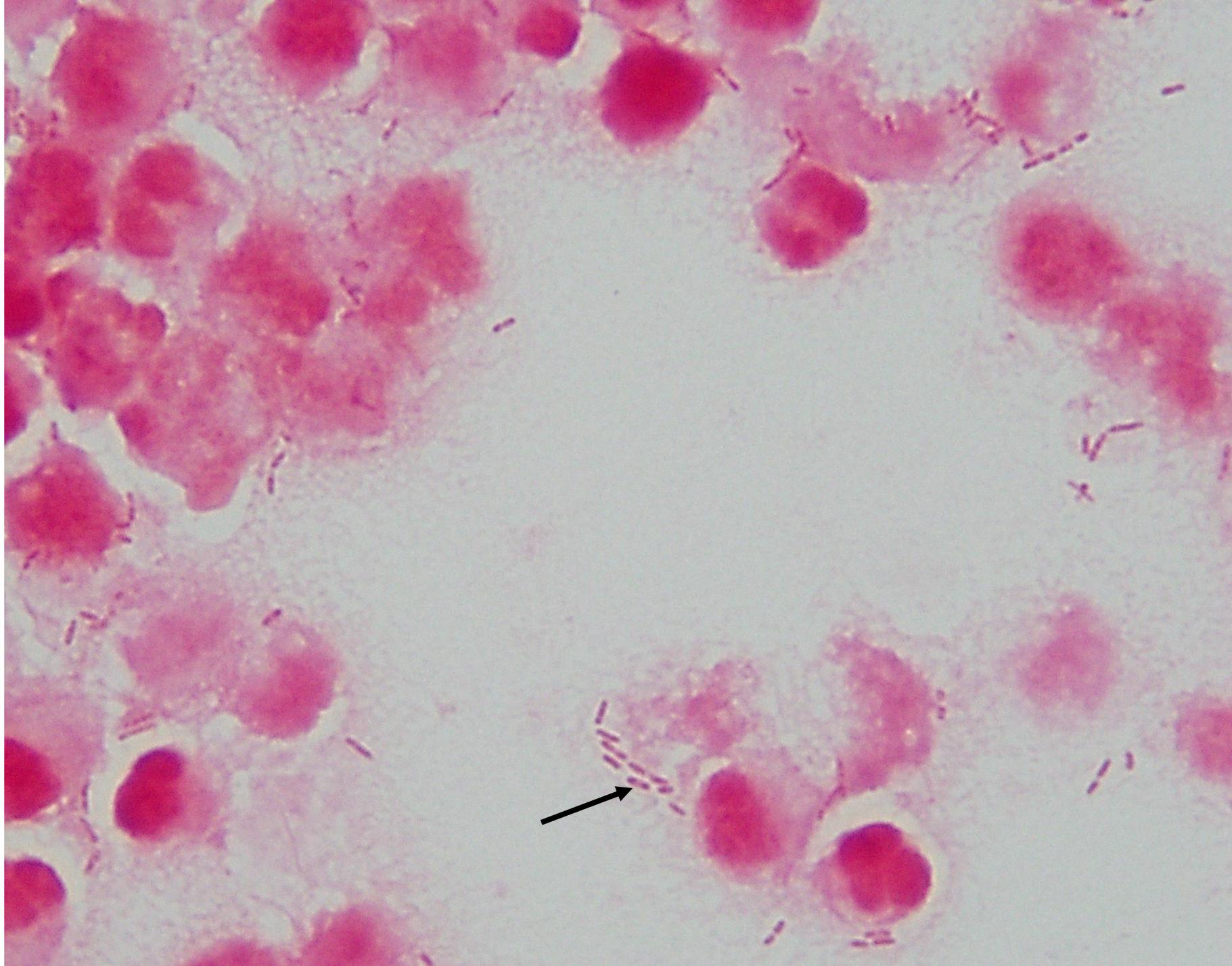
Yeast w/ pseudohyphae viewed on Gram stain;
Culture grew *Candida albicans*

Foot wound; 100x Oil Immersion



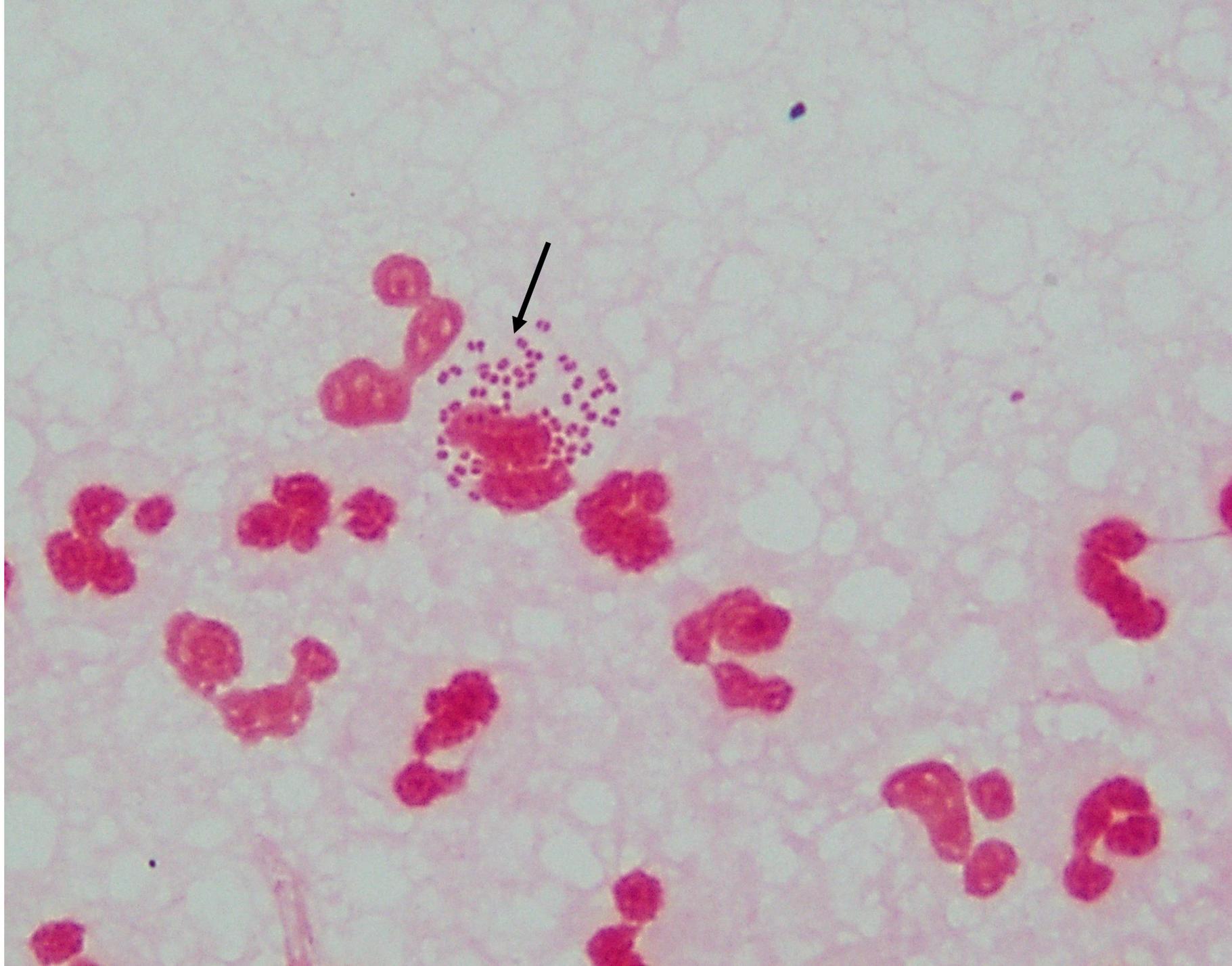
multiple GPR (some with subterminal spores),
GPC; no WBC viewed on Gram stain;
Culture grew mixed flora, including
Lactobacillus spp., *Peptococcus* spp.,
Clostridium spp. (not *C. perfringens*)

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*