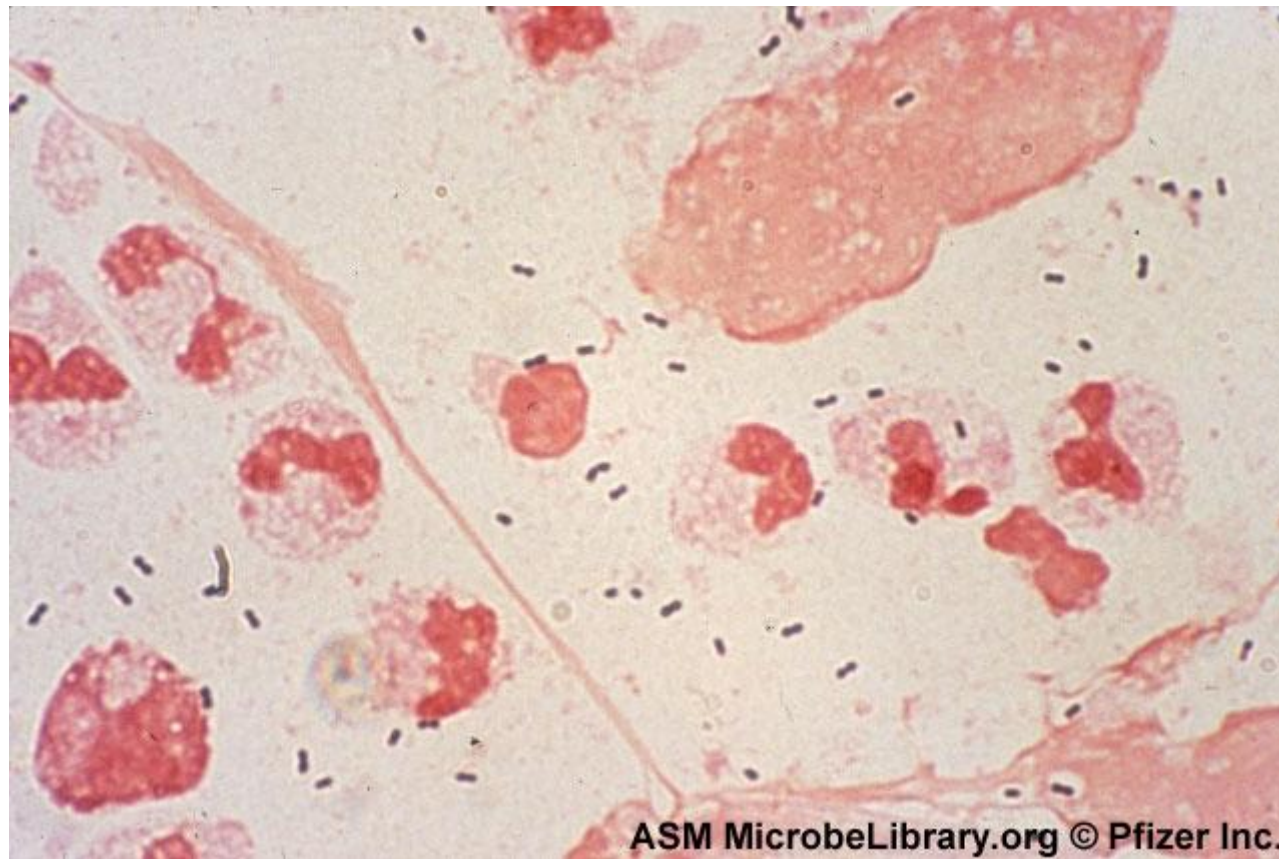


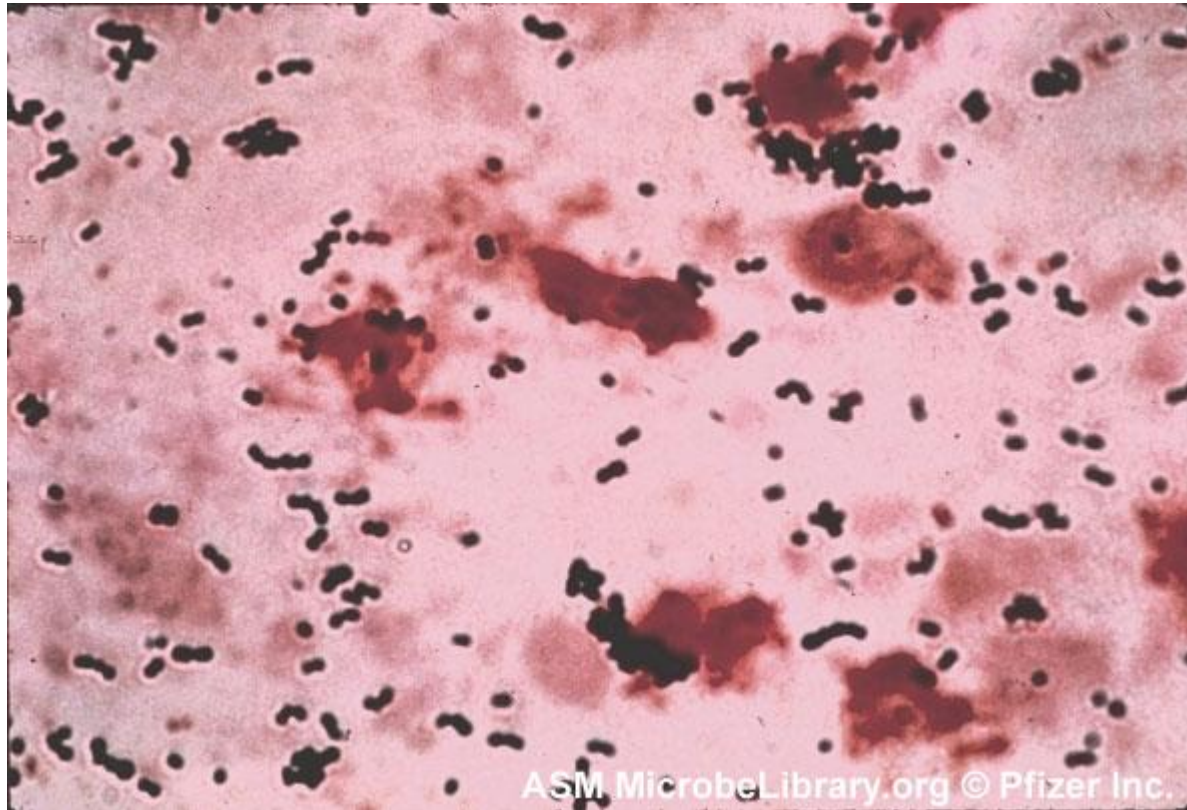
# Interpretation of Gram Stain

Dr Mohammad Rahbar  
Reference Health Laboratory

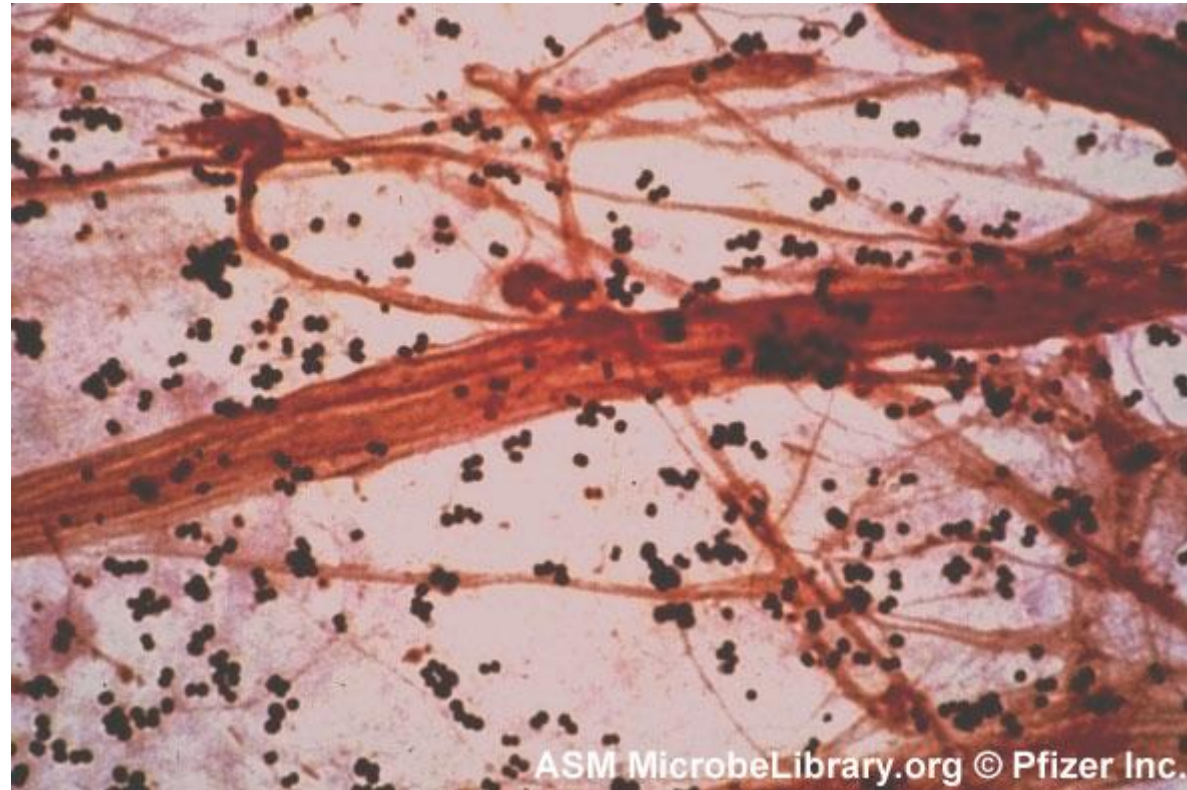
# Streptococcus pneumoniae.Sputum



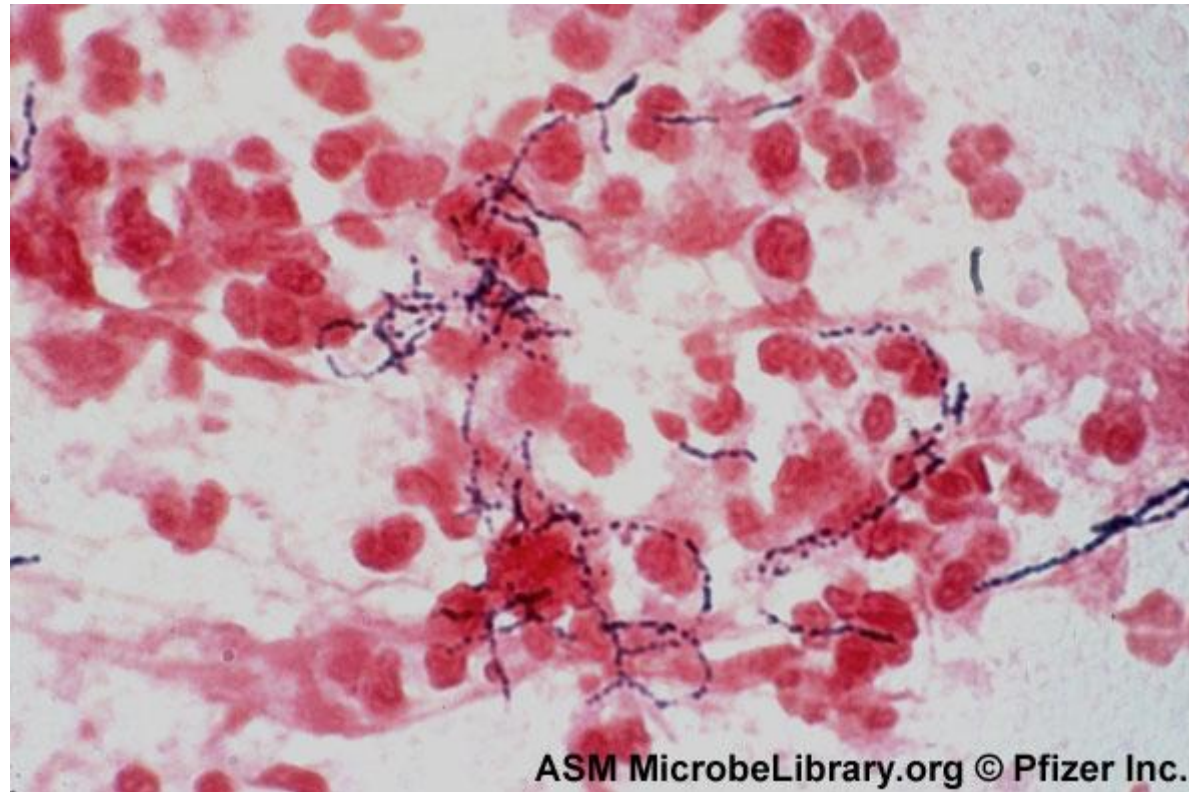
## Streptococcus agalactiae Sputum



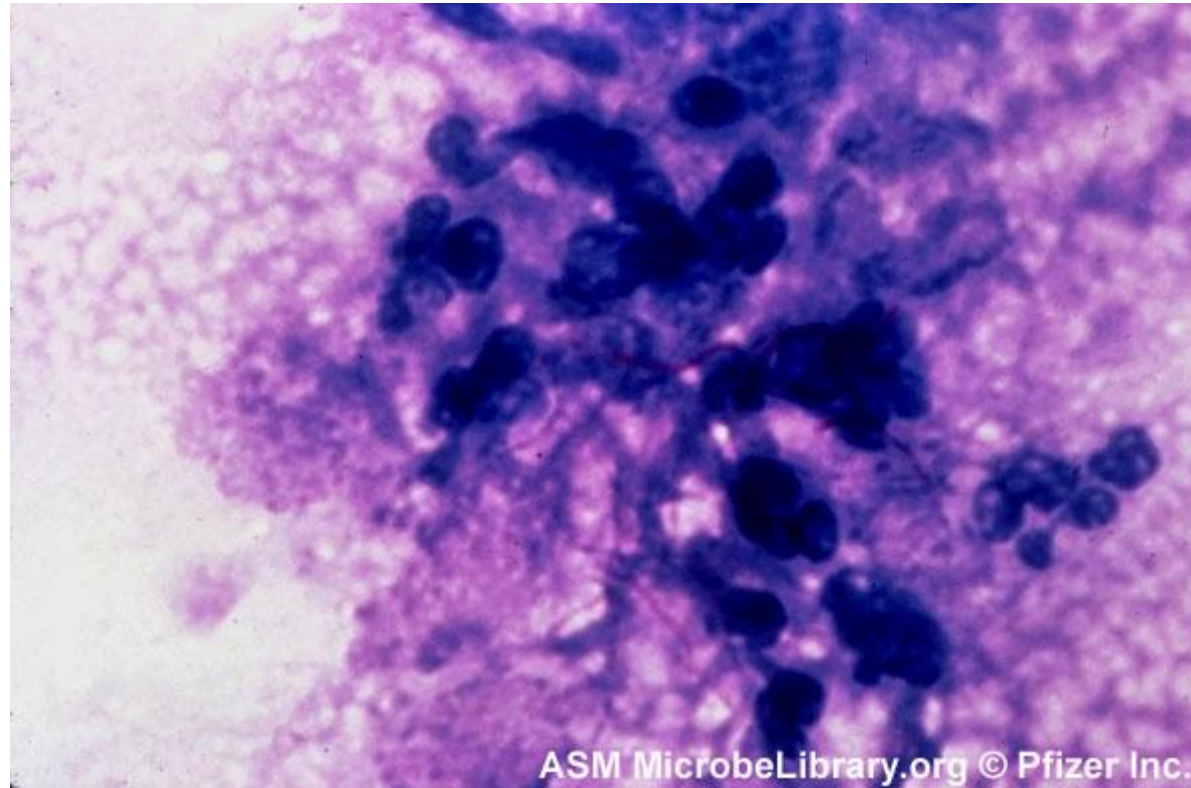
*Staphylococcus aureus* Sputum



*N.asteroides* (Sputum )



*Nocardia asteroides* ( Sputum )



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# E.coli (Sputum)

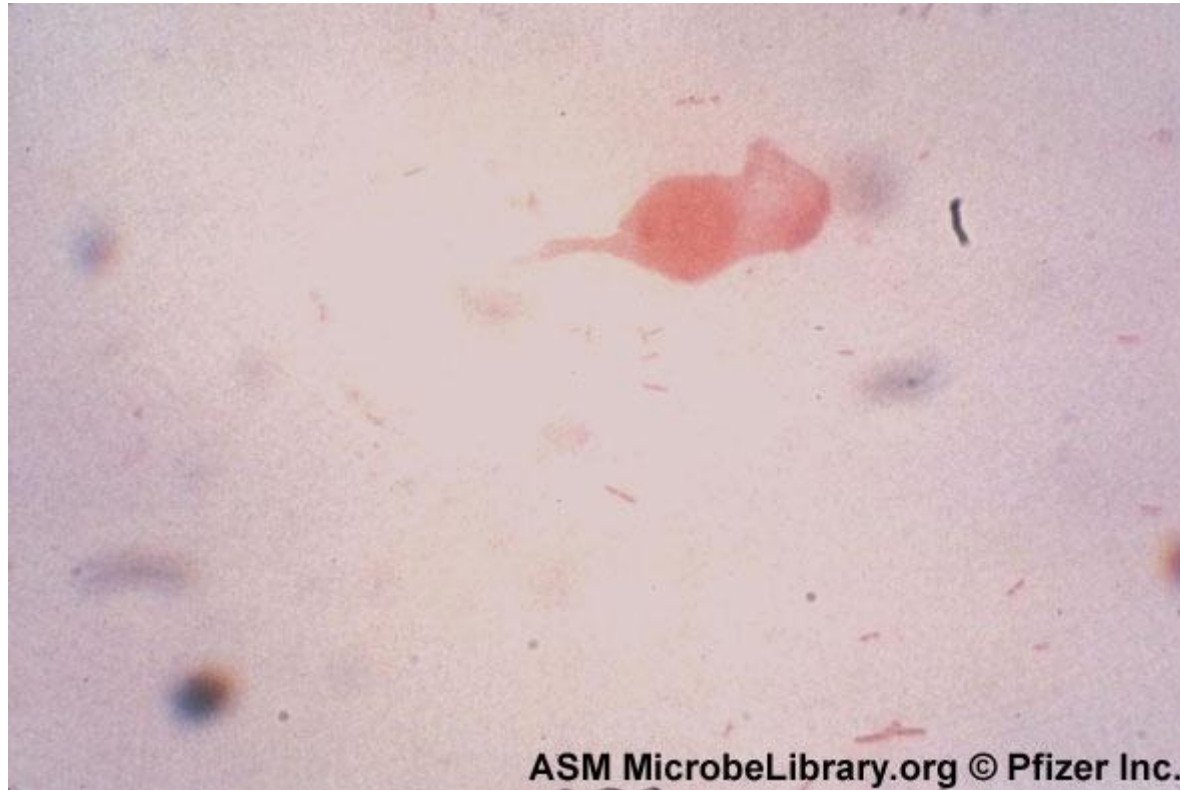


*Enterobacter cloacae* ( Sputum)

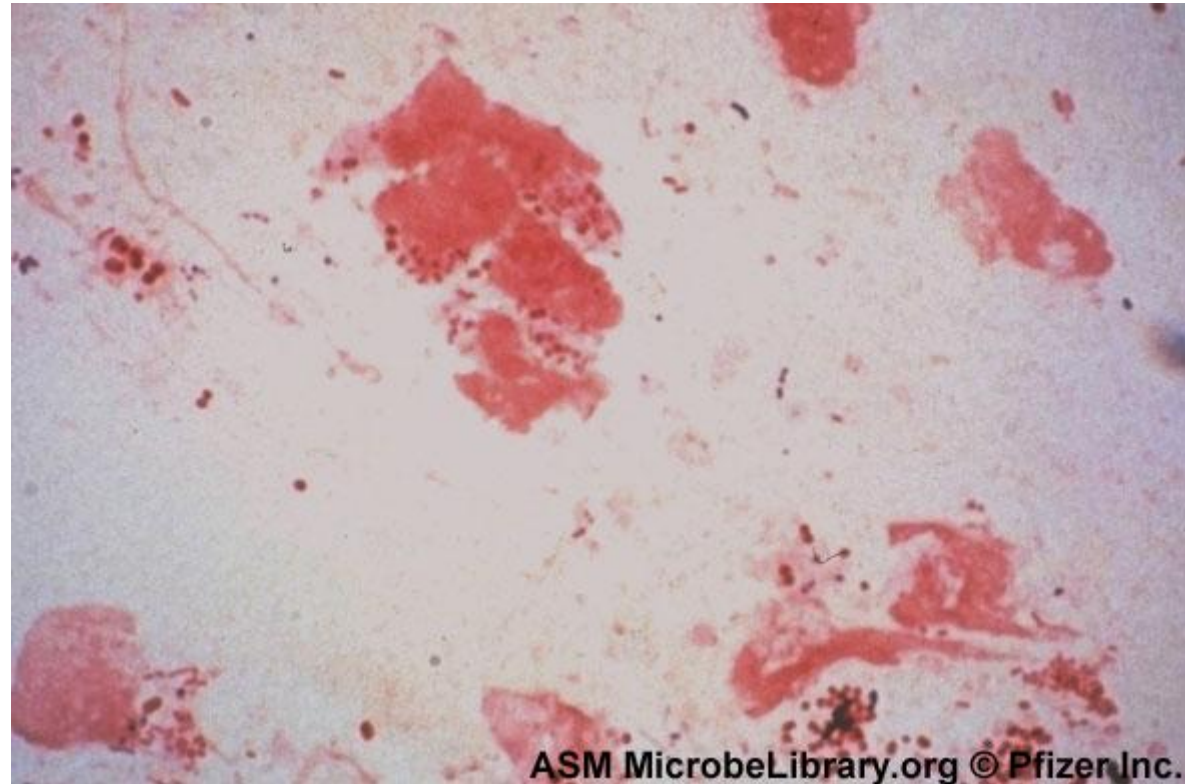




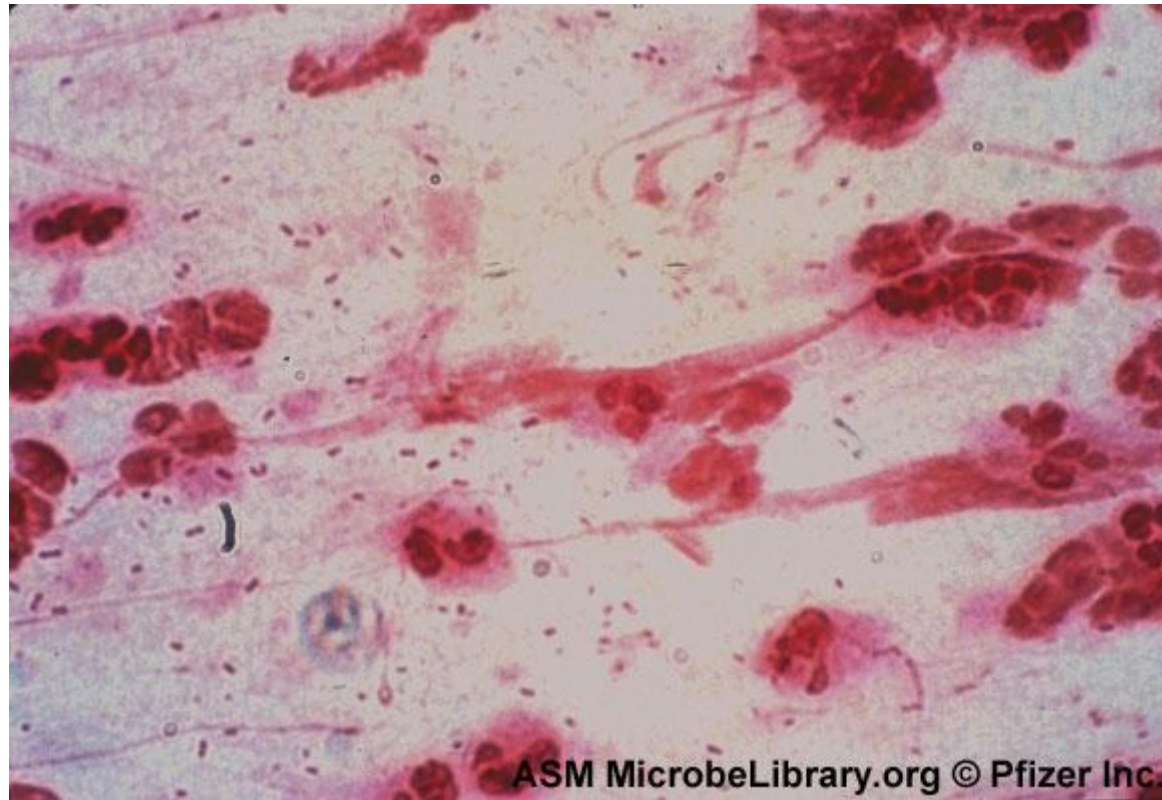
*Stenotrophomonas maltophilia* (Sputum)



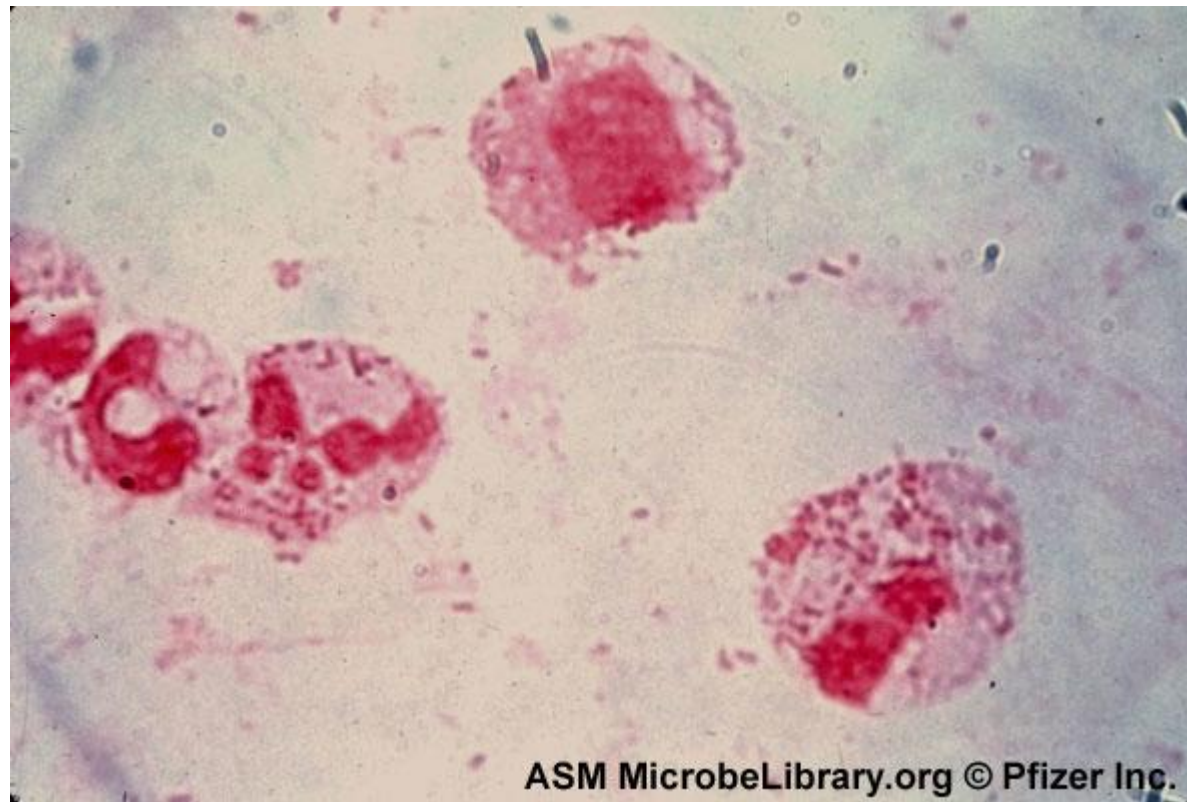
*Acinetobacter baumannii* (Sputum)



*Haemophilus influenzae* (Sputum)



*Moraxella (Branhamella) catarrhalis* (Sputum)



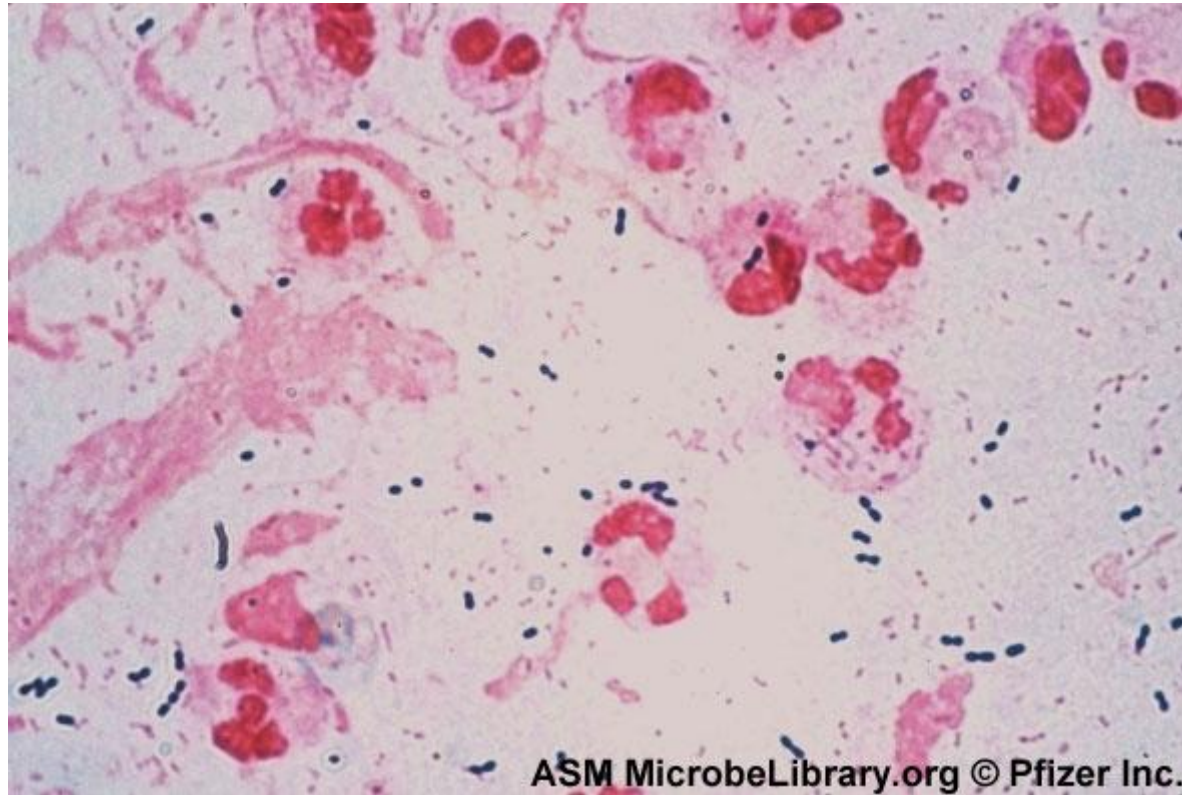
*Neisseria meningitidis* ( sputum)



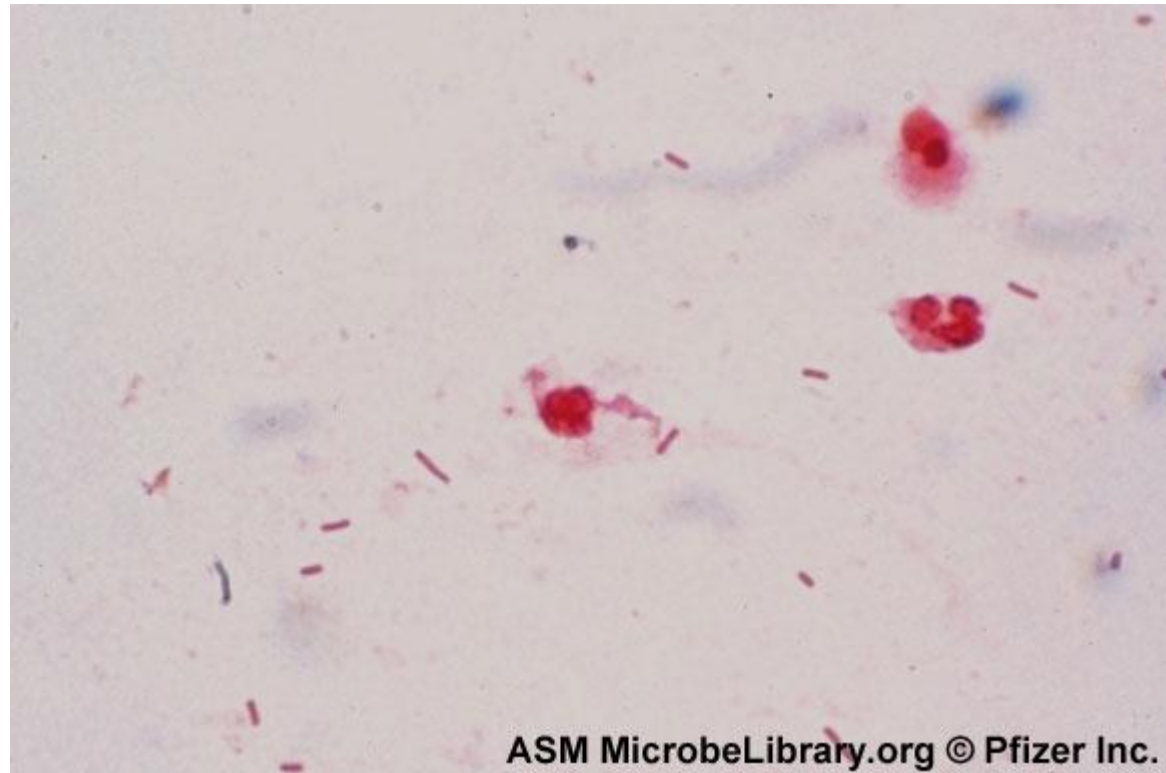
*Moraxella (Branhamella) catarrhalis* (Sputum)



# Mixed Infection Sputum

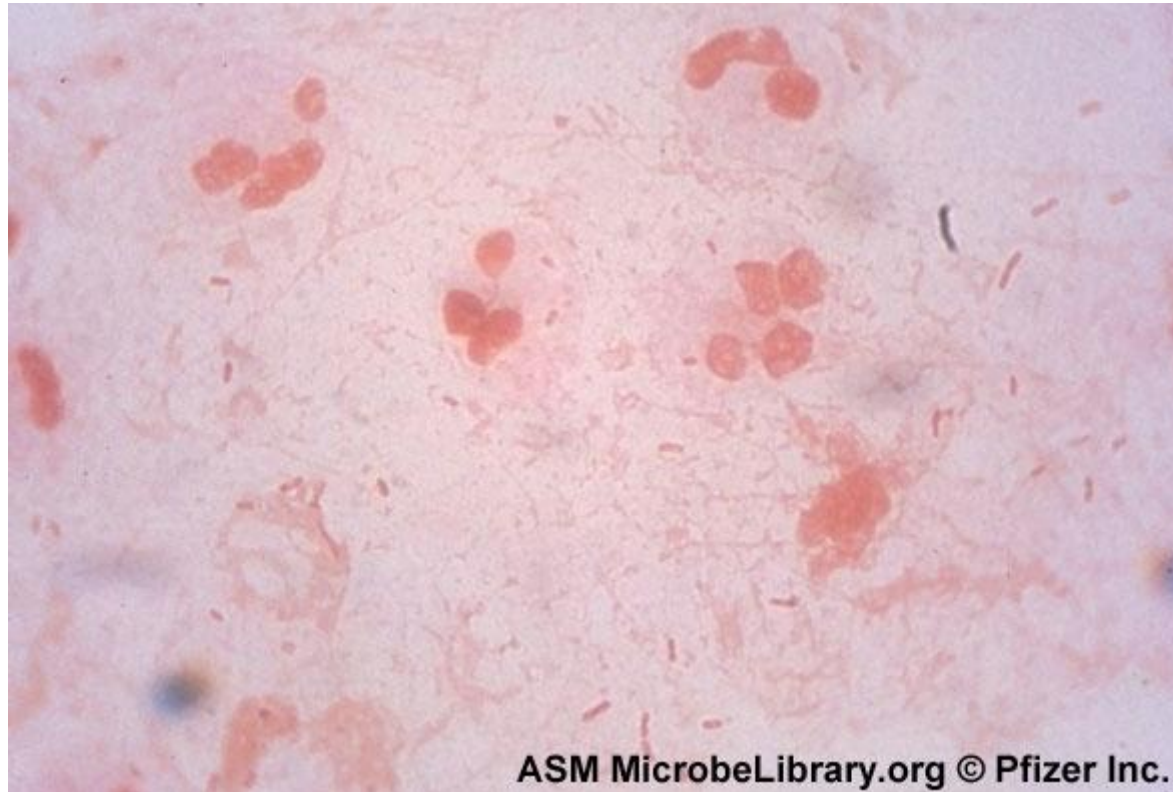


# *Escherichia coli* Urine

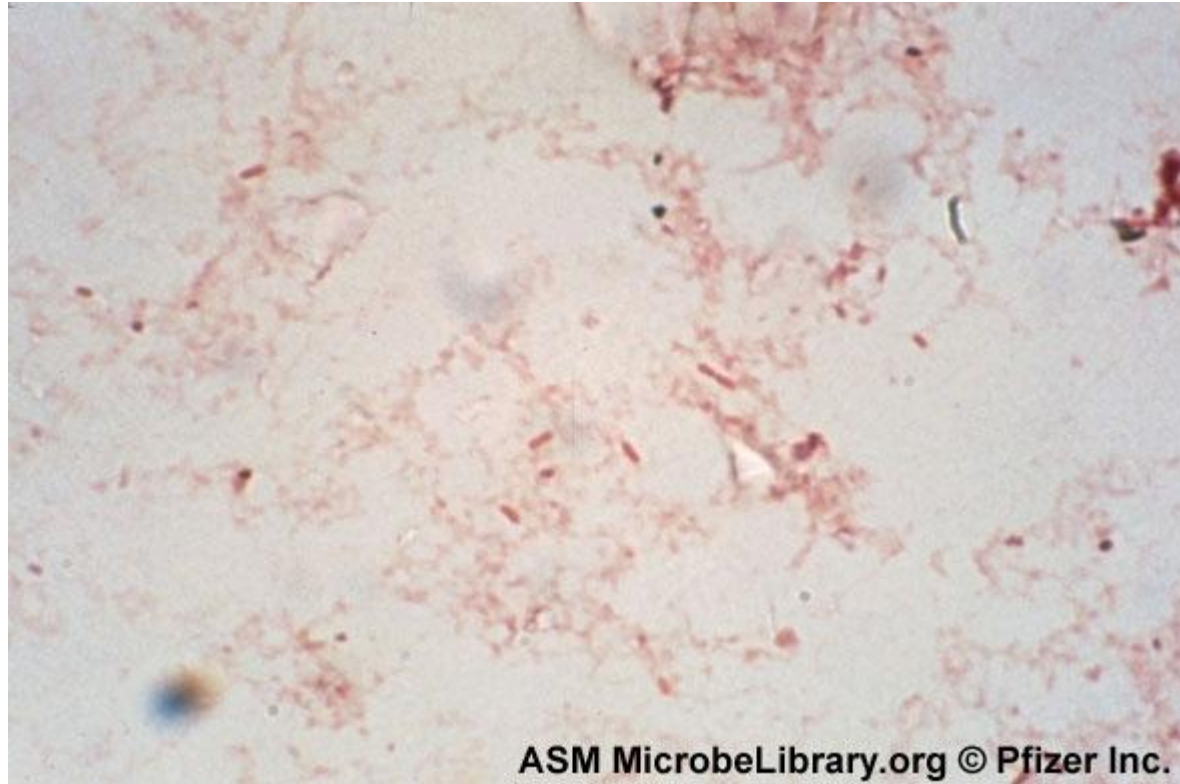




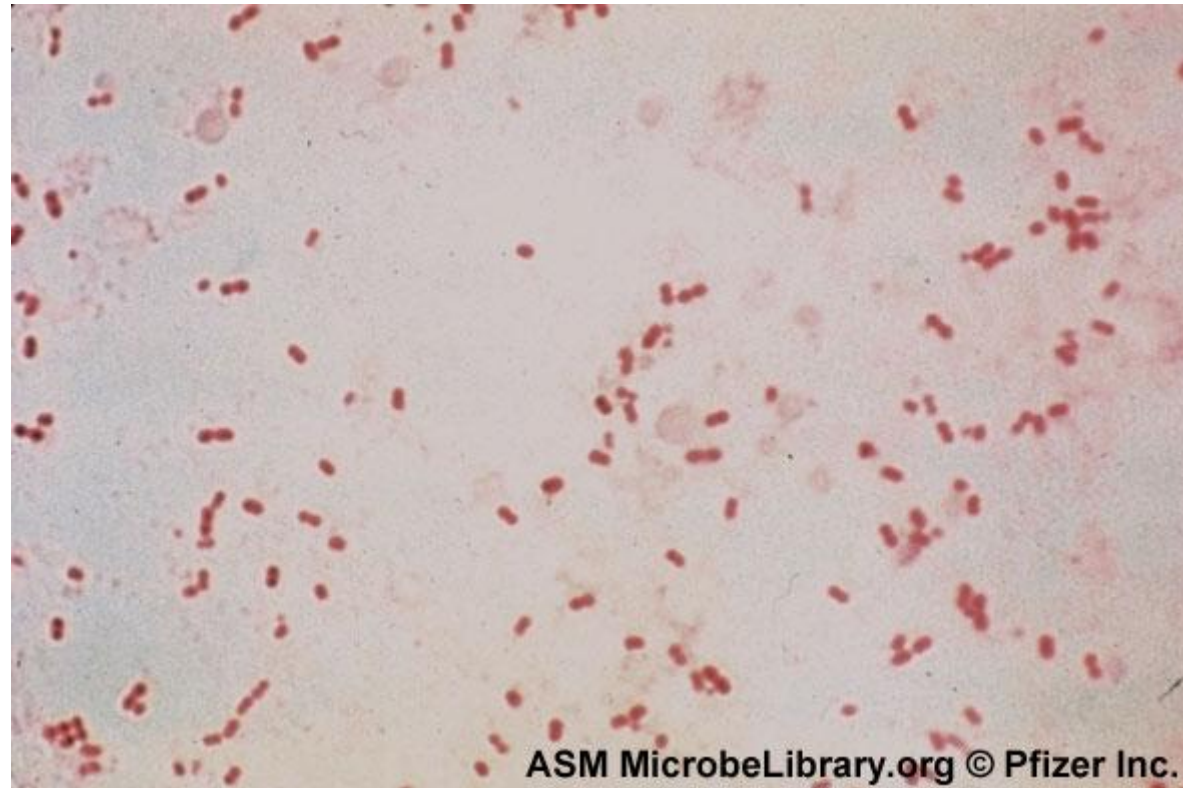
# *Proteus mirabilis* (Urine)



# *Citrobacter diversus* (Urine)



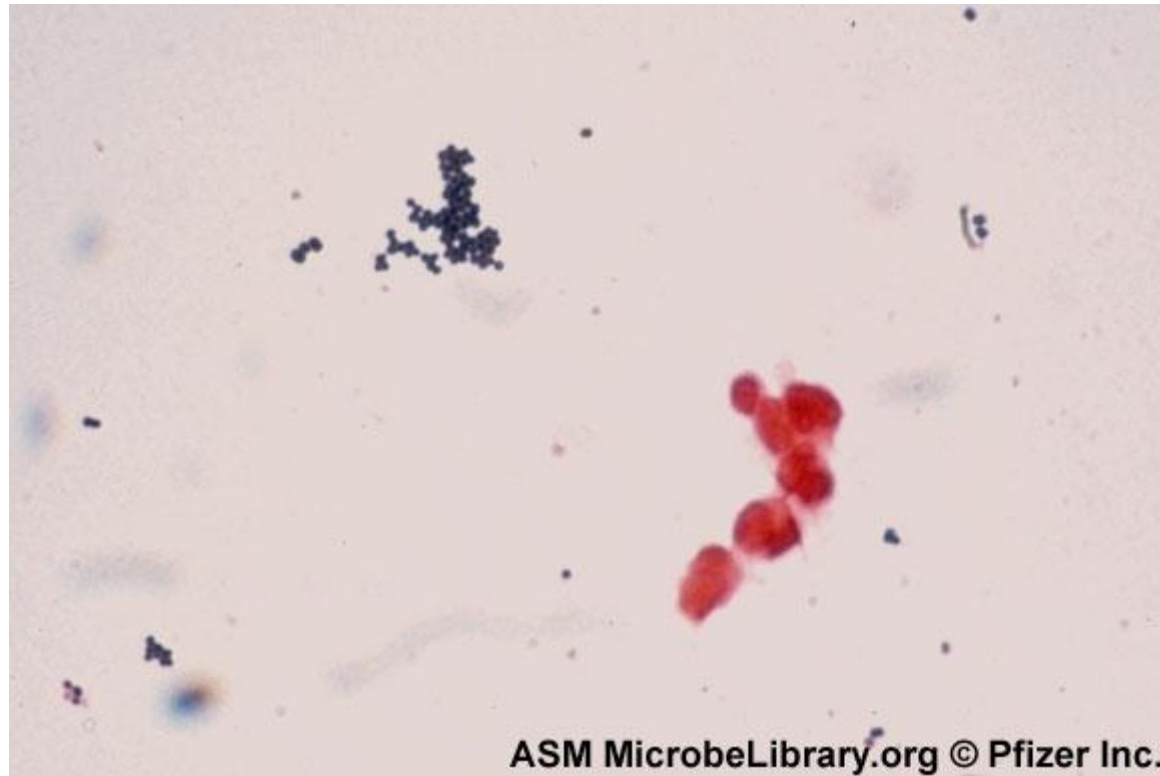
# *Acinetobacter baumannii* Urine



# *Lactobacillus* species (Urine)



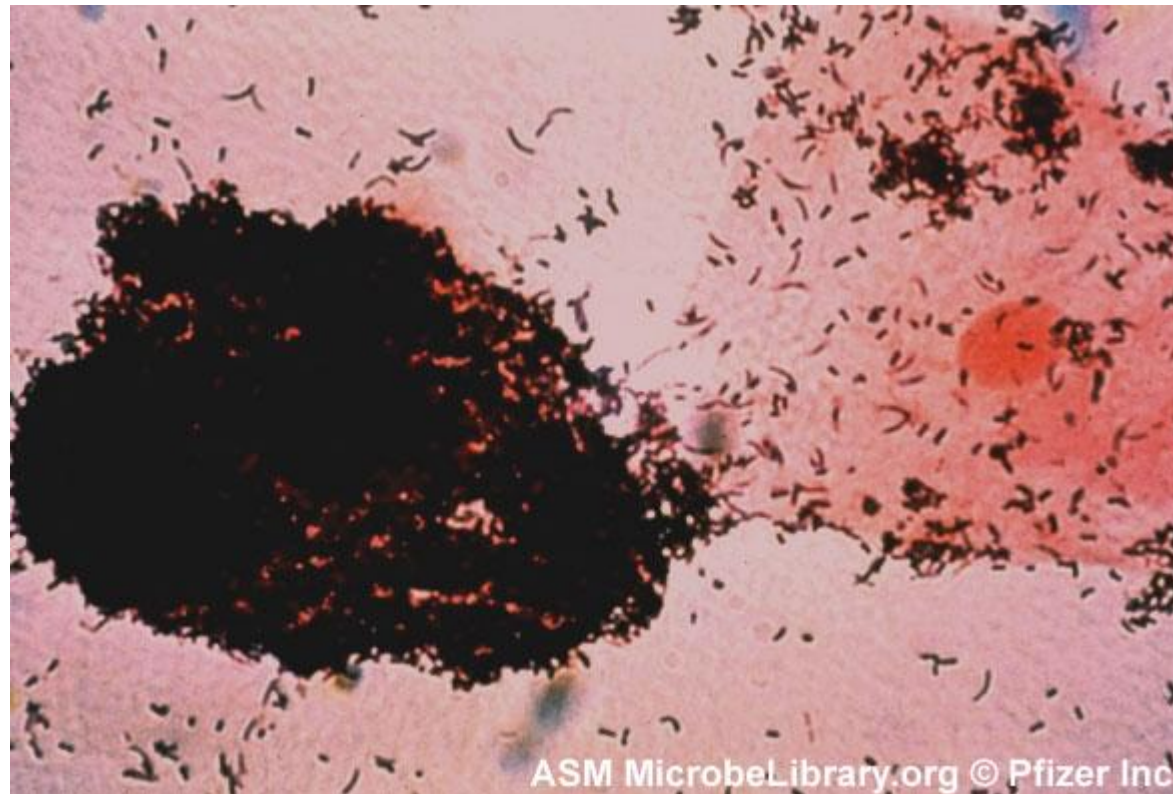
# S.saprophyticus Urine



*Lactobacillus* species ( vaginal secretion)

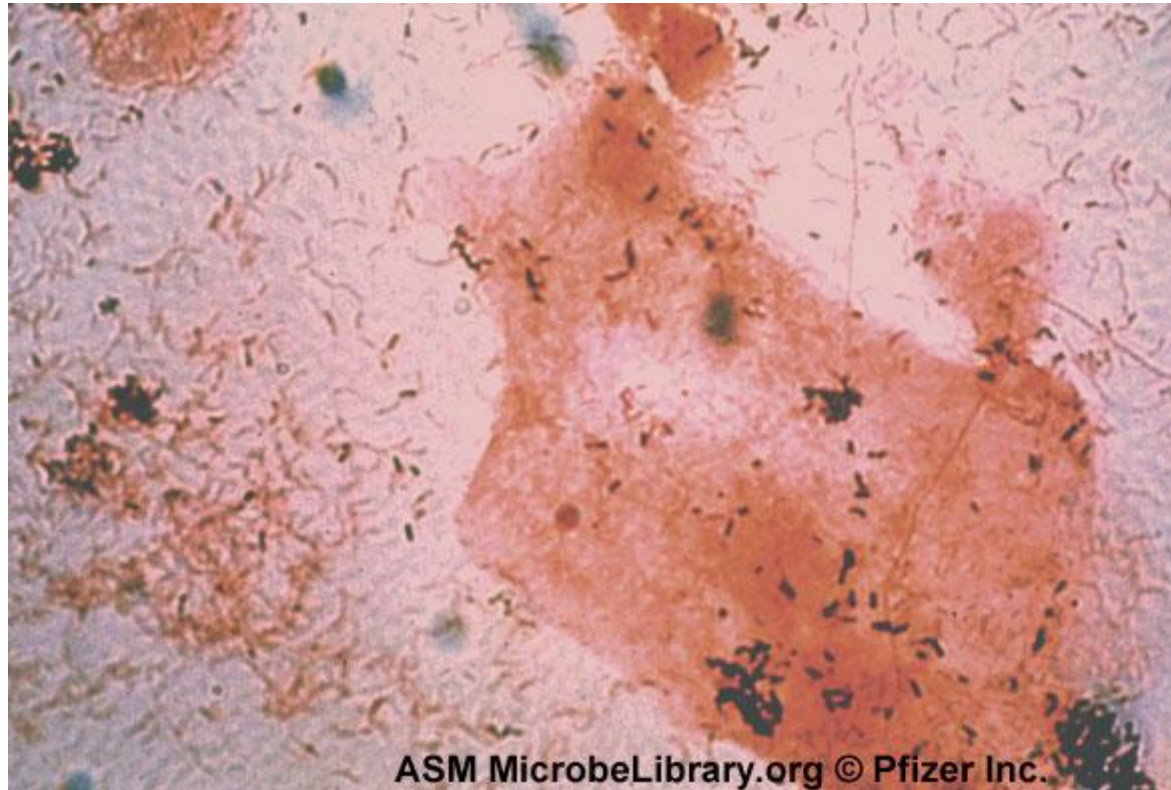


*Gardnerella vaginalis* Vaginal

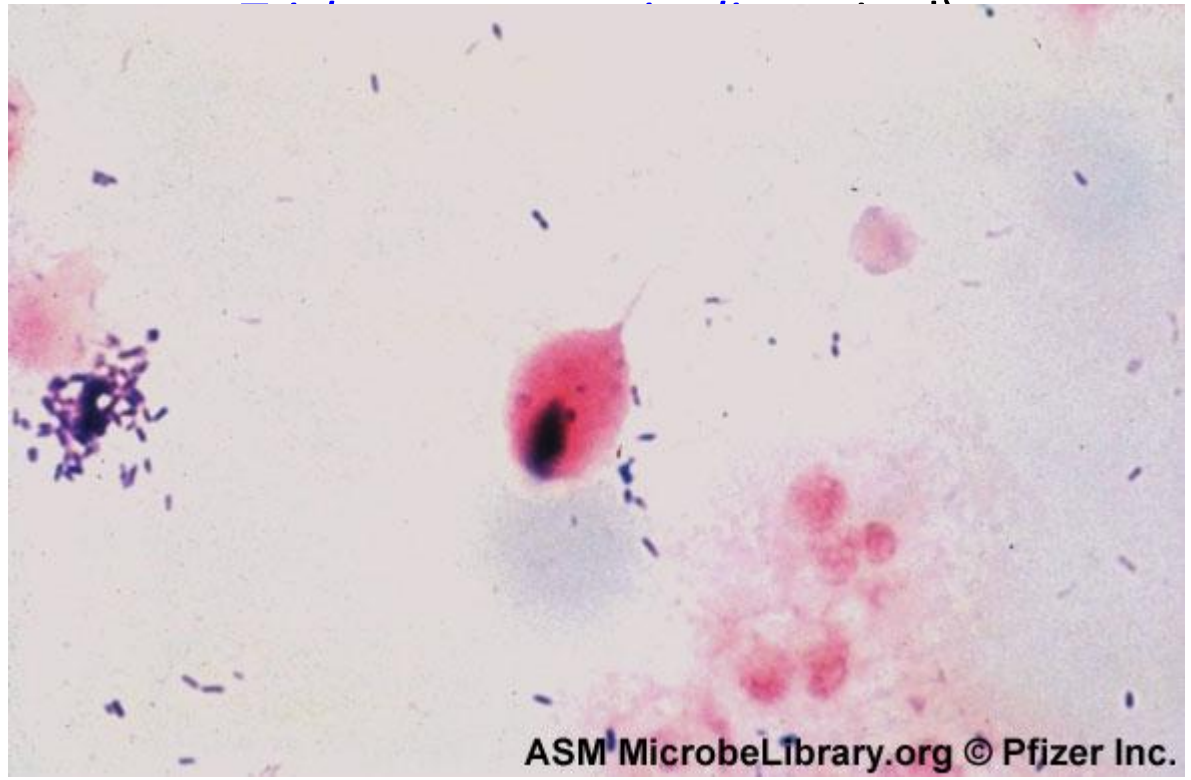


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# Mobiluncus mulieris (Vaginal)







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*Trichomonas vaginalis* (vaginal)



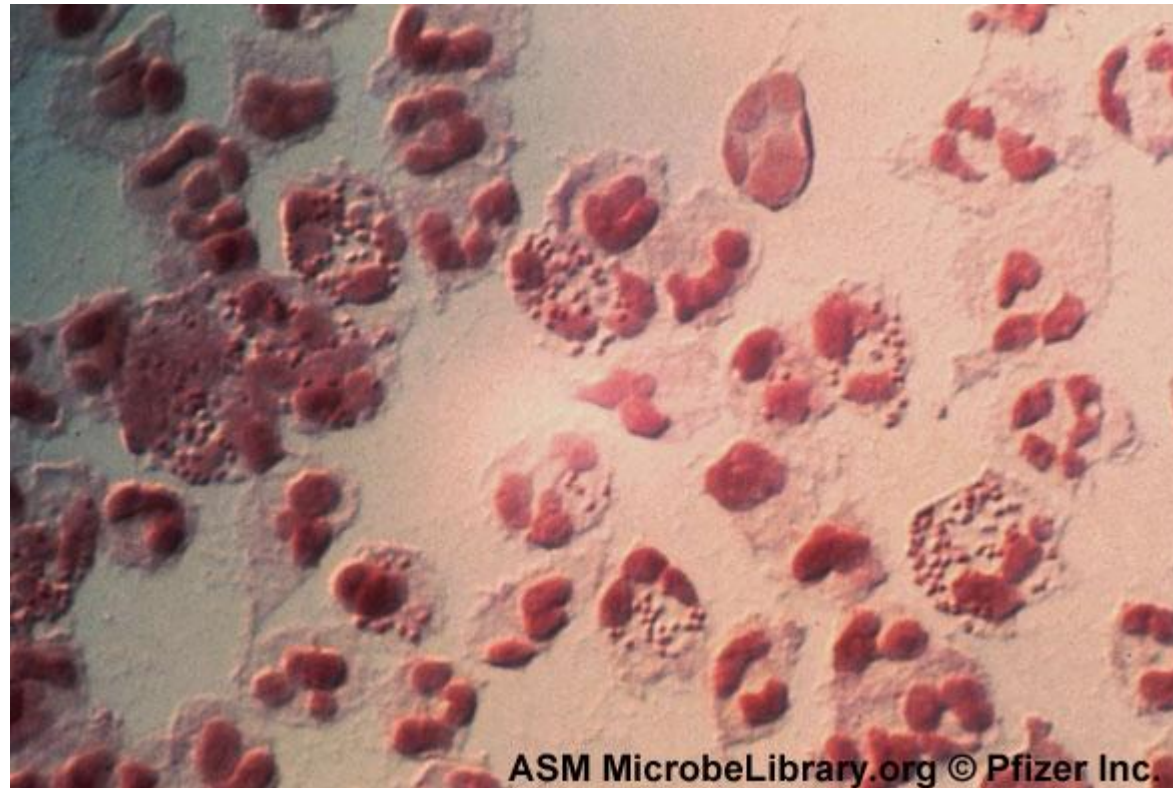
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# *Candida albicans* ( Vaginal)



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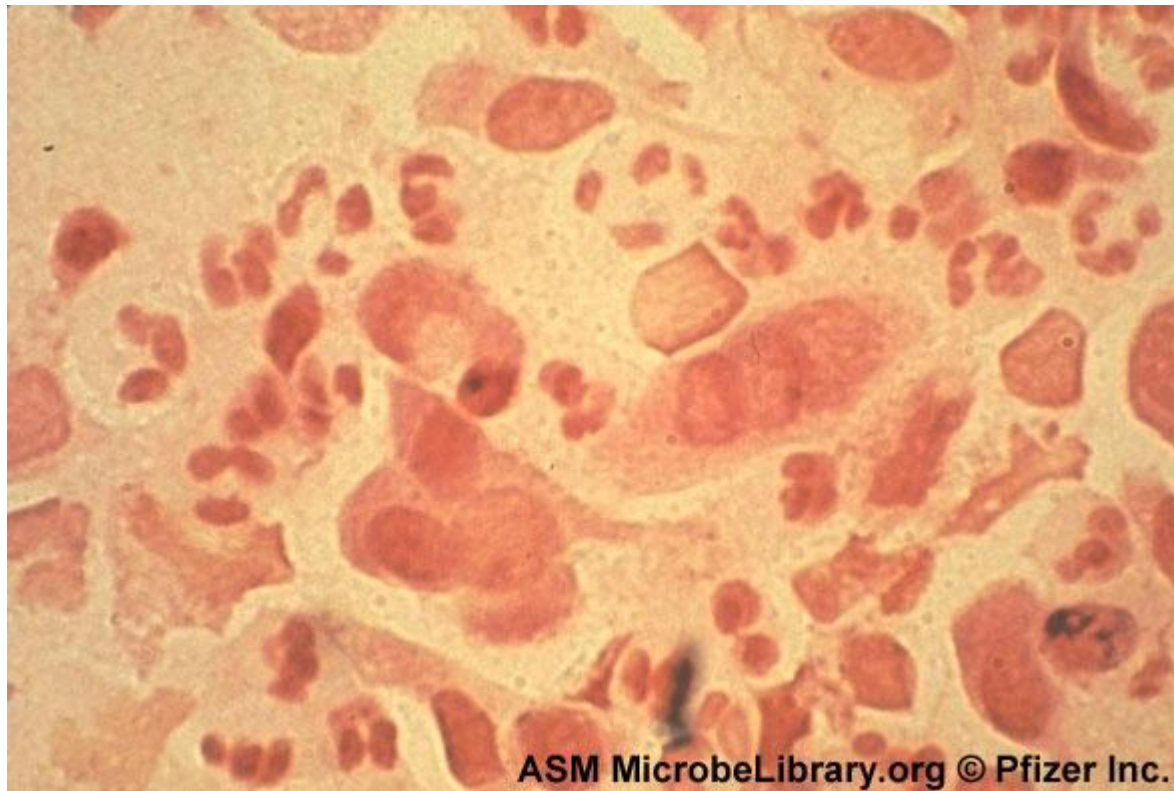
*Neisseria gonorrhoeae* Cervical and Urethral Discharges



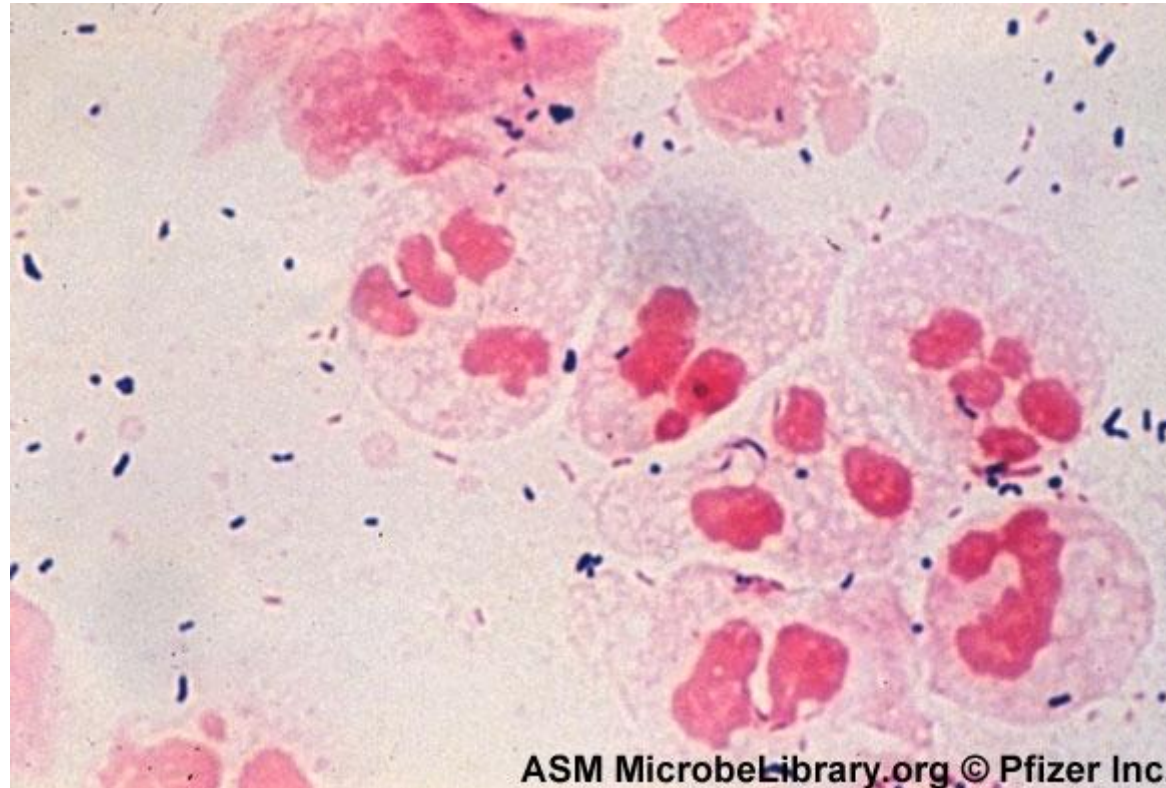
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## Cervical and Urethral Discharges •

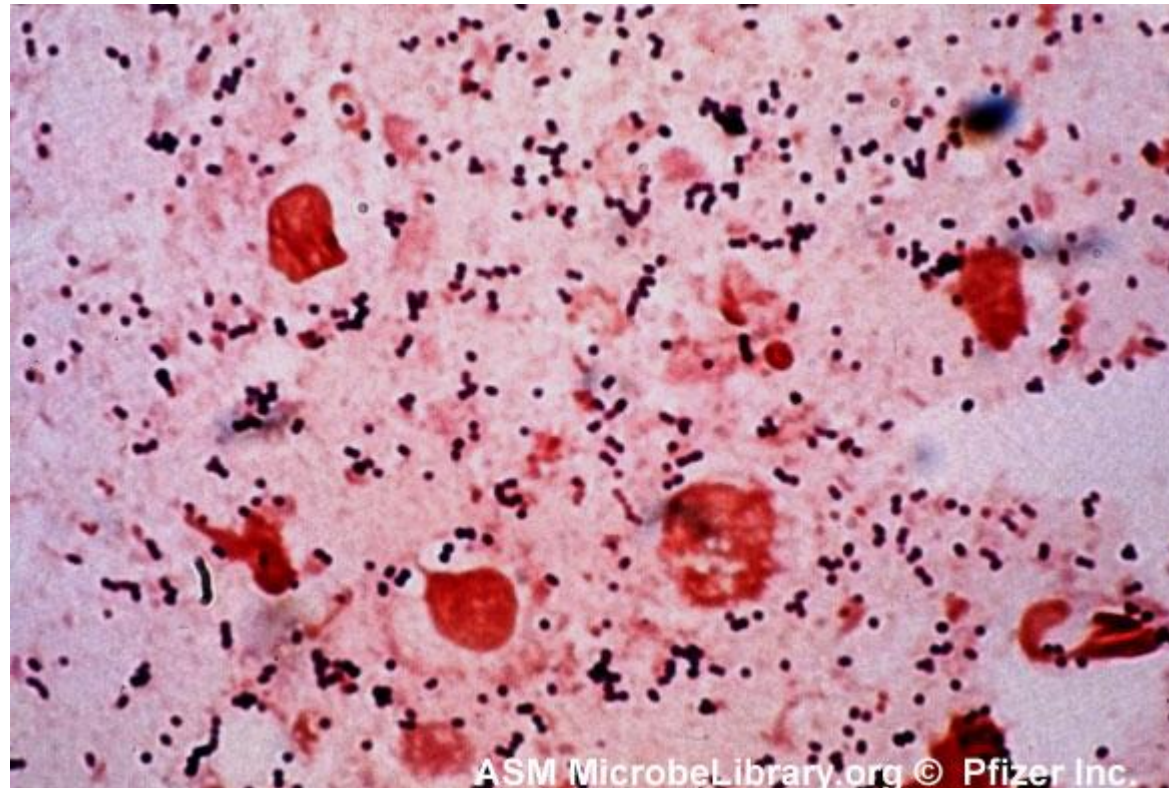
### Nongonococcal urethritis



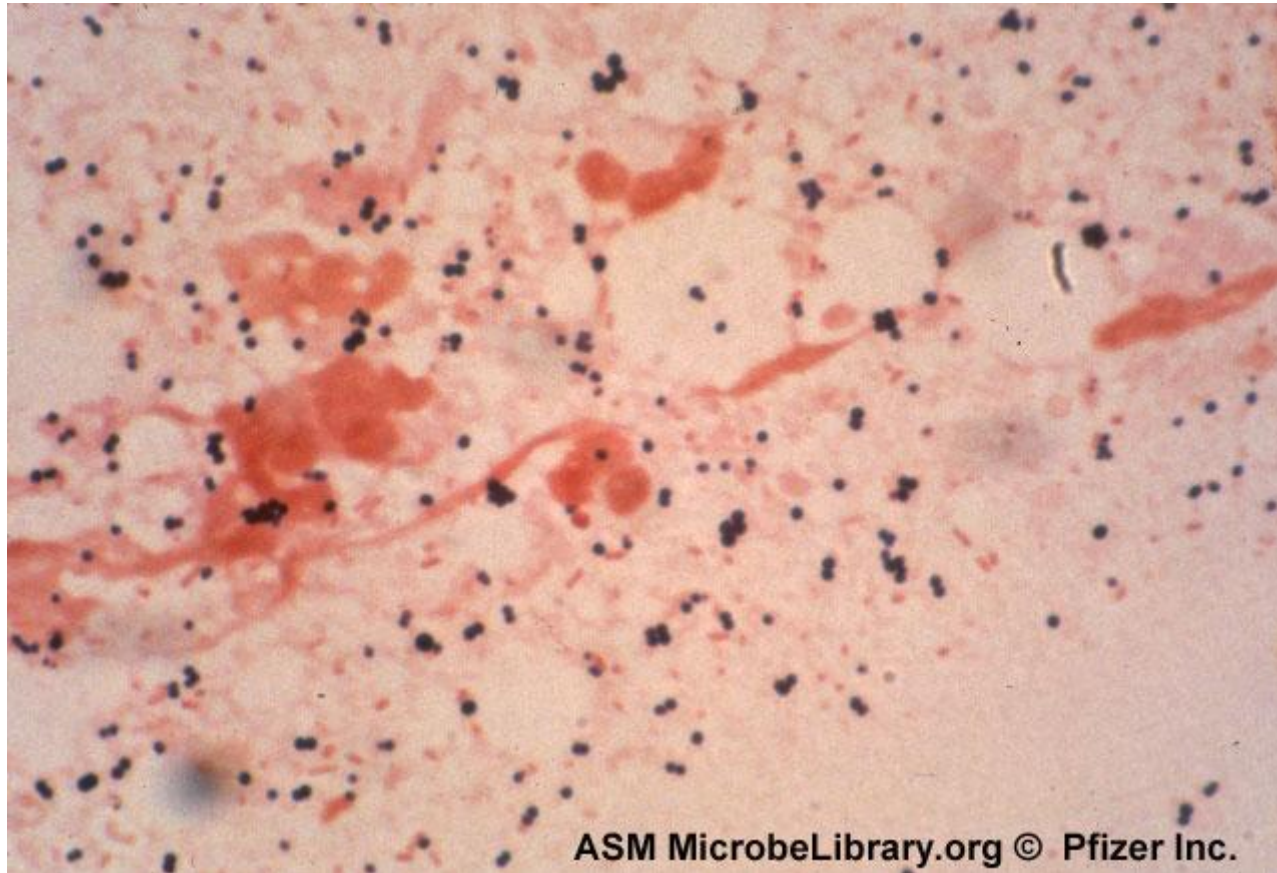
*Chlamydia trachomatis* Cervical and Urethral Discharges



*Streptococcus pyogenes*  
*Staphylococcus aureus* Skin infection

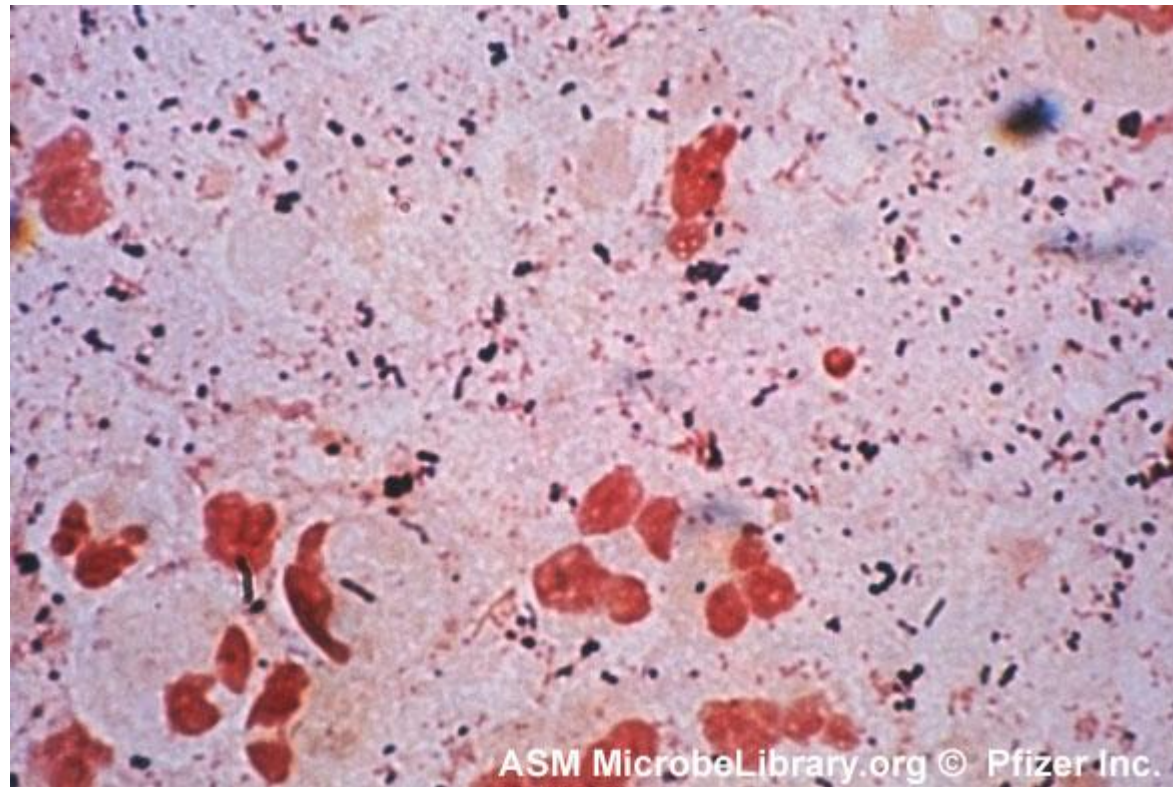


## Mixed infection Skin

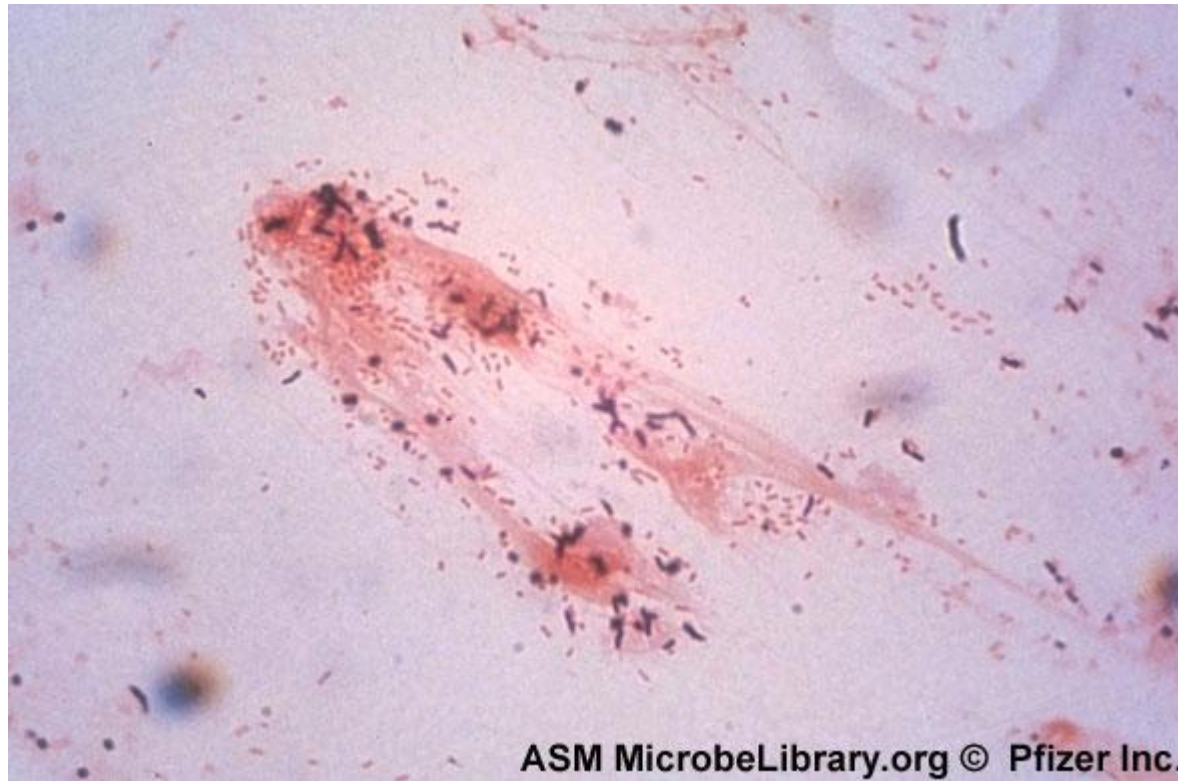




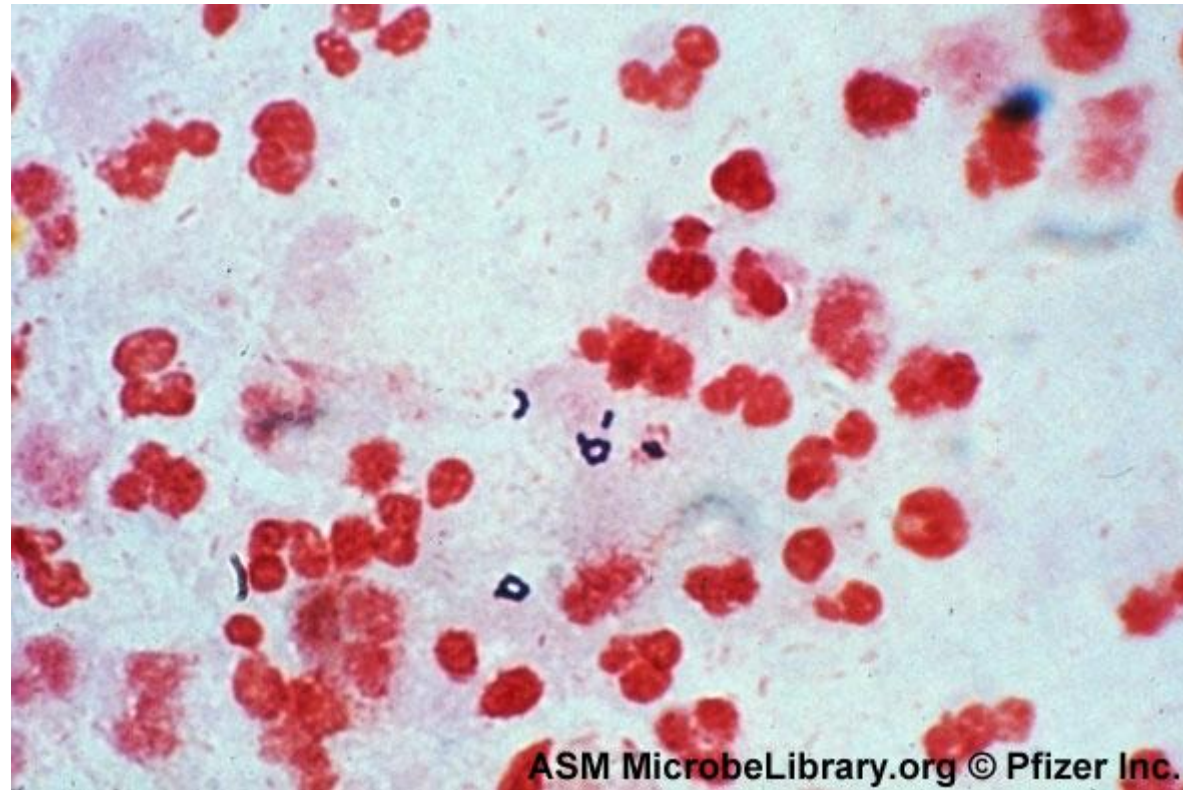
## Mixed Infections Skin



*Corynebacterium diphtheriae* Skin infection



## Gram-positive Cocci Intraabdominal Infections

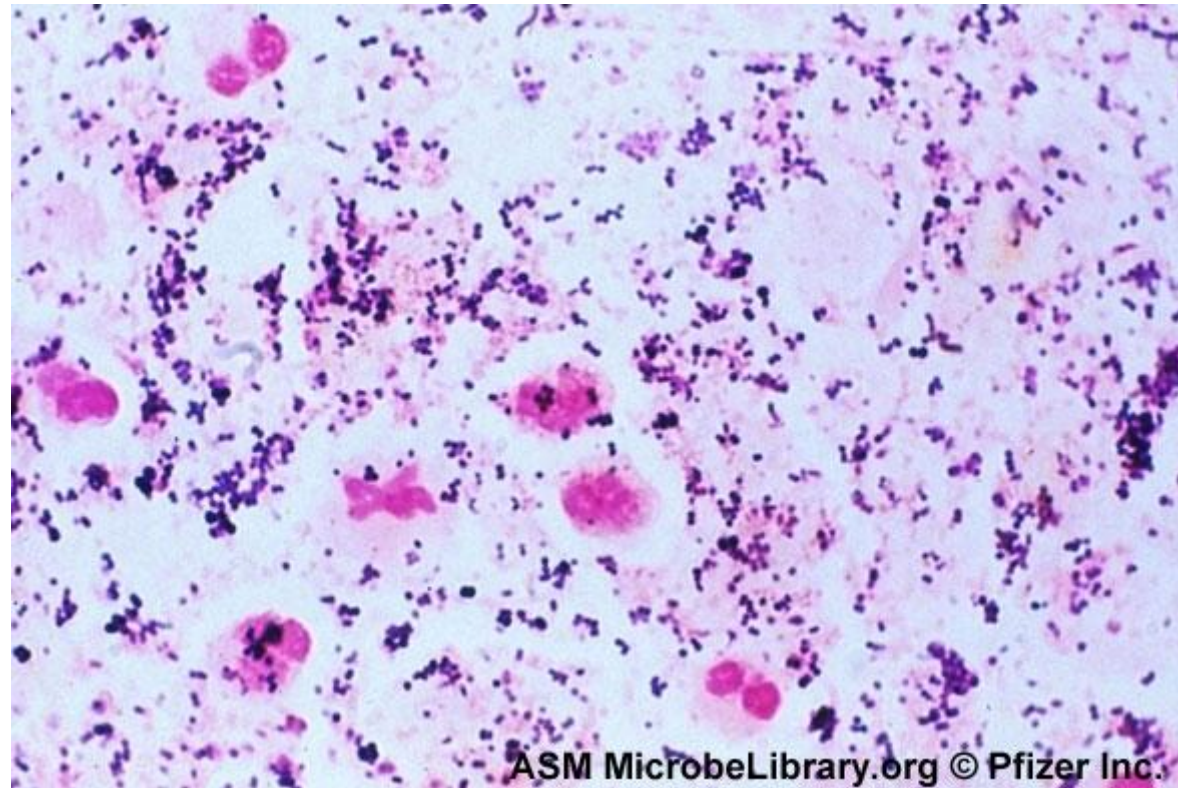


## Intraabdominal Infections Gram-negative Bacilli

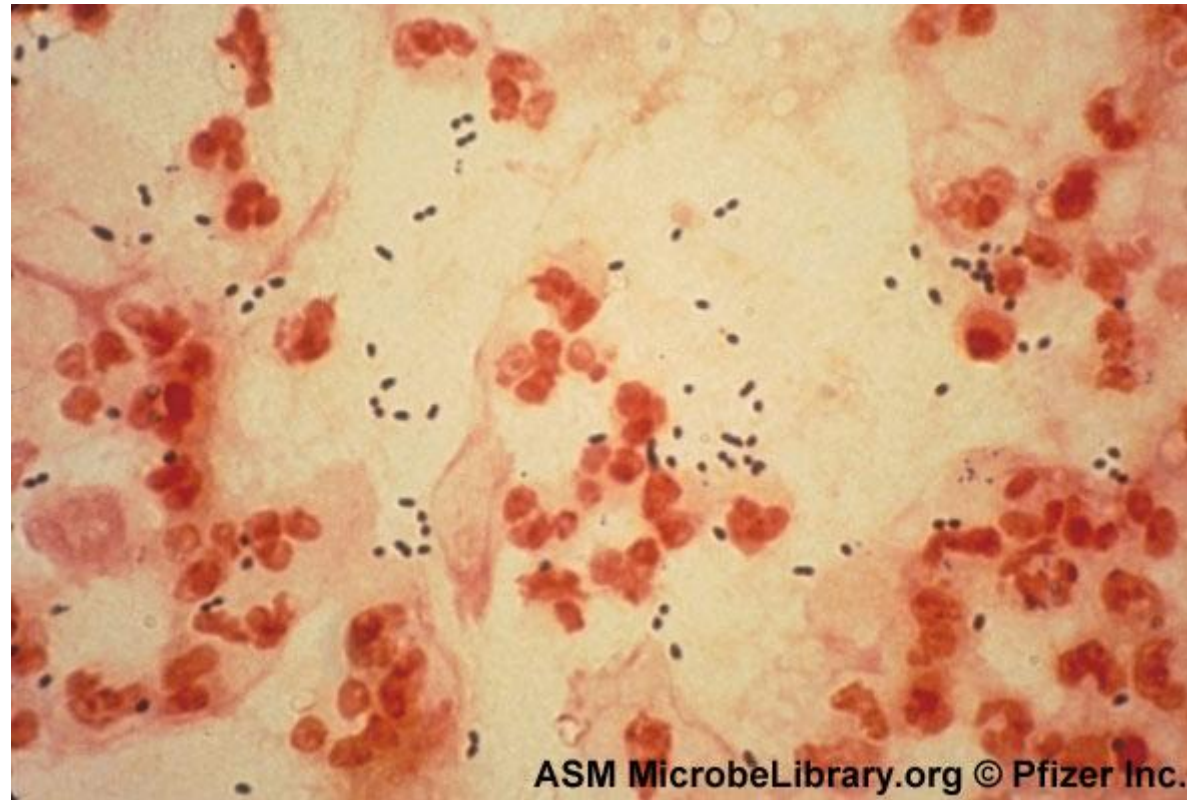


## Gram-positive Cocci & Gram-negative Coccobacilli (

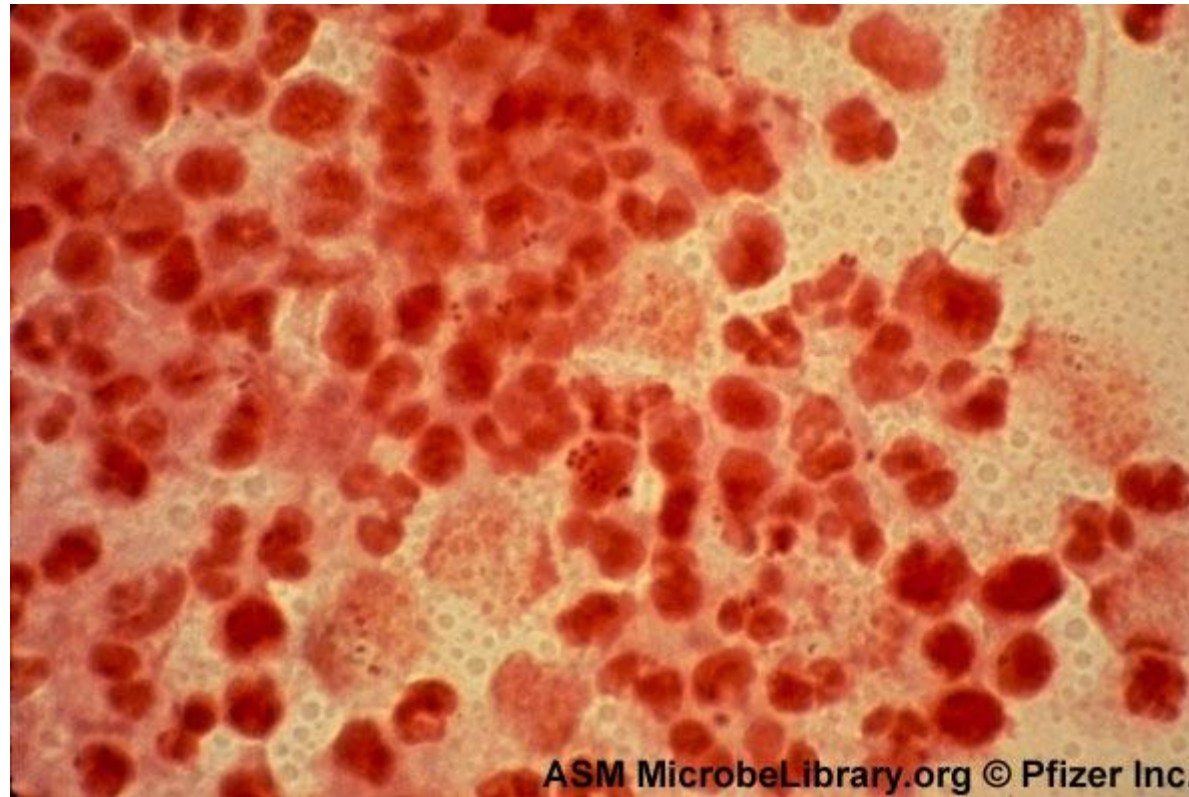
### Intaabdominal infections



## S.pneumoniae CSF



*Neisseria meningitidis* (CSF)



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*Haemophilus influenzae* (CSF)





# L. Monocytogenes (CSF)



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