



Academy Of Health Sciences, Lodhran

Introduction:

| | | C. tetani | C. botulinum | C. welchi/perfringens |
|----------------------------|----------------------|-----------|--------------|-----------------------|
| Morphology | Shape | | | |
| | Arrangement | | | |
| | Capsule | | | |
| | Motility | | | |
| | Spores | | | |
| Growth requirements | Oxygen | | | |
| | pH | | | |
| | Temperature | | | |
| | Energy source | | | |
| | Others | | | |
| Culture medias | | | | |
| Antigens | | | | |
| Toxins | | | | |
| Enzymes | | | | |



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Diseases and diagnosis

| | | C. tetani | C. botulinum | C. welchi/perfringens |
|----------------------|-----------------------|-----------|--------------|-----------------------|
| Pathogenesis | | | | |
| Diseases | | | | |
| Lab diagnosis | Specimen | | | |
| | Microscopy | | | |
| | Culture | | | |
| | Identification | | | |
| | Sensitivity | | | |
| Treatment | | | | |
| Vaccination | | | | |

Important notes: