

***ENTEROBACTER* Species**

**- *E. Aerogenes* *E. Agglomeran* *E.Cloacae***

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# Characteristics – gram rod

- encapsulated
- motile
- non-spore forming
- facultative anaerobic
- opportunistic pathogen
- Normal flora of GI tract
- IMViC: - - + +
- Citrate +

**Clinical significance:**

**Reservoirs** - humans (normal flora of the GI tract)

- animals
- water
- soil

**Transmission** - direct contact

- fecal-oral
- contaminated fomites

**Toxins** - LPS

## **Diseases** *Nosocomial Infections*

- skin infections (folliculitis, cellulitis and impetigo), skin abscesses (pustules, furuncles, carbuncles), and wound infections
- bronchopneumonia and pulmonary abscesses
- cystitis and renal abscesses (primarily if urinary catheter)
- neonatal meningitis and cerebral abscesses
- subacute infectious endocarditis
- osteomyelitis and arthritis
- septicemia

**Treatment** – aminoglycosides , tetracyclines