

Meet the Superbugs

Klebsiella pneumoniae

Also called: *K. pneumo* **Say it:** Kleb-see-ell-uh New-mo-nee-uh

About: Increasingly resistant to antibiotics, developing high resistance to the carbapenem class. Carbapenem-Resistant Enterobacteriaceae (CRE) infections are very difficult to treat.^{1,3}

Shape: Rod² **Year identified:** 1882²

Potential threats include: Pneumonia, wound infections, sepsis, meningitis and urinary tract infections³

One way to fight this superbug: Keep hands clean — use 60 % alcohol hand gel if soap and water are not available⁴

1. Centers for Disease Control and Prevention (CDC). *Klebsiella pneumoniae* in Healthcare Settings. Available at: <https://www.cdc.gov/hai/organisms/klebsiella/klebsiella.html> Last accessed August 2020.
2. Ratajczak, Helen V. *Klebsiella*, Infection and Immunity. Encyclopedic Reference of Immunotoxicology. 2005 Edition. Available at: https://doi.org/10.1007/3-540-27806-0_859 Last accessed August 2020.
3. Mandell, Douglas and Bennett's principles and Practice of Infectious Diseases, 7th edition, by Gerald L. Mandell, John E. Bennett, and Raphael Dolin, 2009
4. CDC.Handwashing: Clean Hands Save Lives. Available at: <https://www.cdc.gov/handwashing/index.html> Last accessed August 2020.

Breakthroughs that
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Pfizer Hospital

Date of Preparation: November 2020

