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Nosocomial Disease Summary

Nosocomial vs Community Acquired. (1)

Definitions.

Is it such a *big* problem?

Yes! It is under reported because it is hard to diagnose. (1)

Lack of diagnosis causes problems:

Complicated symptoms (people have pre-existing conditions, cause of exposure in the first place) 🡪harder to treat (2)

Extended hospital stays 🡪higher costs

Solution to diagnosis problem: technology?

“molecular typing has provided persuasive evidence for person-to-person spread. (3)

Another solution to nosocomial disease at its cause:

Sanitation bc of cause: Contamination of hospitals.

* Antibacterial Solution..
* Technological Solution.
* Hospital Protocol Solution:
  + safety precautions/treatments (3)
* Social/behavioral solution.

“Ultimate” solution is vaccines.

However, this is not the case, since there is antibiotic resistance.

Related Issue/foreshadowing for the next assignment:

Antibiotic resistance to vaccines. Spread of disease to a lot of people increases chance of resistant strain developing. (2)

Virus excretion for extended periods of time may provide a favorable environment for the emergence of resistant strains. (2)