

A Systematic Review of the Clinical Characteristics of Influenza-COVID-19 Co-Infection

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Background: COVID-19 and Influenza are respiratory pathogens that present similarly with high mortality rates. There is a clear need to understand characteristics of co-infection.

Objective: Systematically review literature to describe the clinical characteristics of Influenza-COVID-19 co-infection.

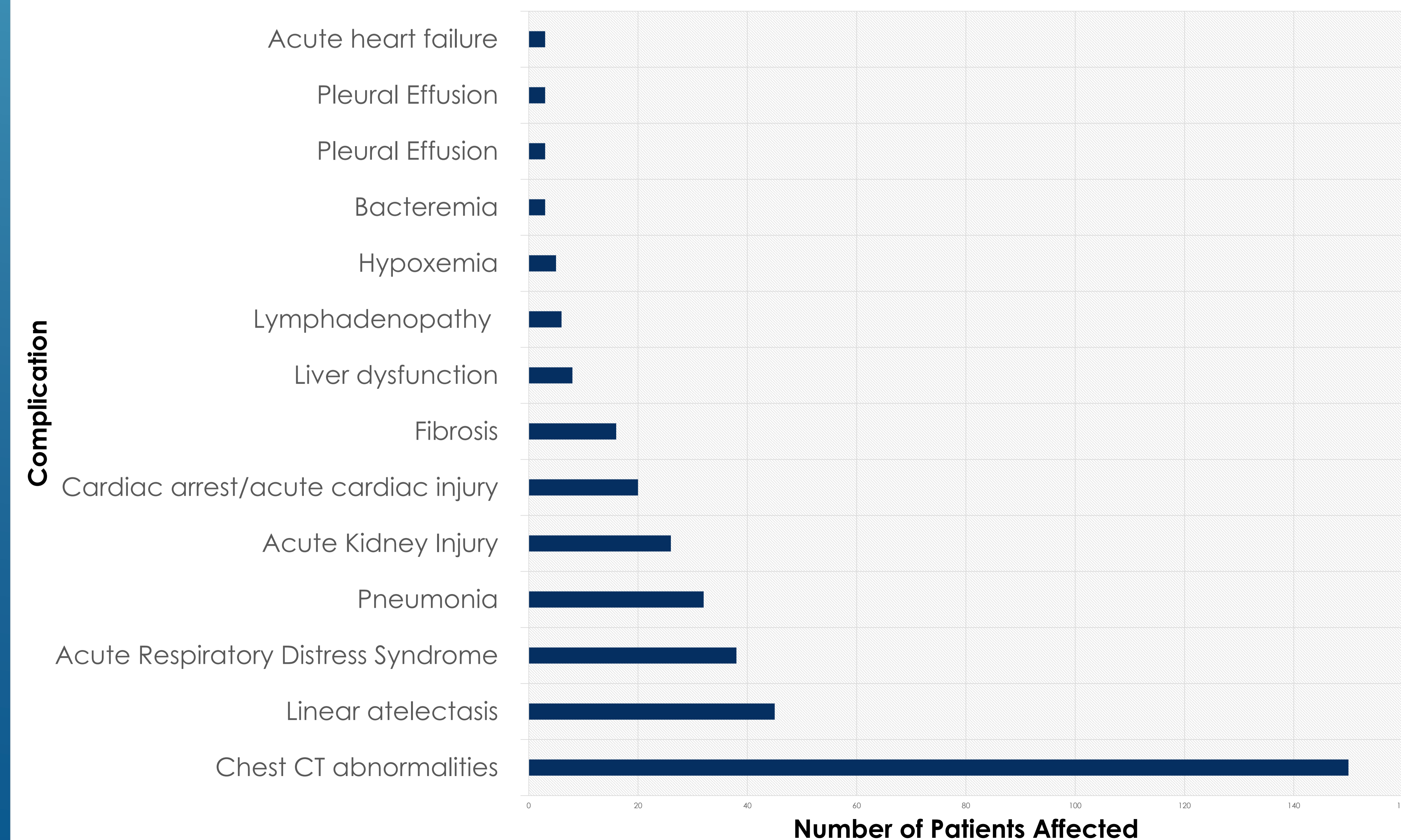
Conclusions

- Co-infection can increase mortality risk overall.
- Patients with co-infection show signs and symptoms that are similar to mono-infected patients.
- There is a better need to screen for influenza in patients with COVID-19.
- Treatment regimens and guidelines are needed for best possible management of co-infected patients.

52 studies eligible for inclusion in the review

| Patient Characteristics (n = 1490) | |
|------------------------------------|--|
| Mean Age | 57.9 years |
| Males/Females (n = 462/407) | 53.17/46.84% |
| Patient Outcomes (n = 901) | Healed – 754 (83.69%) Deaths – 147 (16.32%) |
| Strain of Influenza (n = 1371) | Influenza A – 1000 (72.94%) Influenza B – 353 (25.75%) Influenza A/B (1.31%) |

Complications of Co-infection



Treatment Prescribed for Co-infection

