

## Appendix A: Clinical scenario examples

- A 58-year-old male presents with worsening shortness of breath and weight gain for the past two days. He forgot to take his medication for the past week, which include: losartan, furosemide, and metoprolol. (Congestive heart failure exacerbation).
  - The patient wants to know what the most effective treatment options are for them. Find evidence to support this recommendation.
- A 12-year-old girl presents with worsening dyspnea, beginning this morning. Their pertinent exam findings include bilateral expiratory wheezes and decreased FEV/FVC. Their parents recently bought them a kitten.
  - The parents want to know what the best long term treatment strategy would be for their child. Find evidence to support this treatment strategy.
- A 24-year-old medical student presents with fever, runny nose, coughing, sore throat, headaches, muscle pain, and fatigue. They have just started rotating on an inpatient internal medicine floor. Their attending physician was recently diagnosed with COVID-19.
  - What are the most current guidelines for treating COVID-19 induced ARDS? Find evidence to support the intervention according to the guidelines.