Critical Care Aspects of COVID-19

The Ugly Tail End of COVID-19 Acute Respiratory Distress Syndrome?

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Case

- 40 yo m
- No PMH
- COVID pneumonia
  - Severe ARDS
- Single organ dysfunction
Case

ICU admission
Case

Deep sedation
- Fentanyl
- Propofol
- Midazolam

ICU admission
Case

Deep sedation
• Fentanyl
• Propofol
• Midazolam

ICU admission → Cisatracurium → Steroids → VAP
Case

Deep sedation
- Fentanyl
- Propofol
- Midazolam

Cisatracurium

Steroids

VAP

Failure of ventilator wean

ICU admission
Case

Deep sedation
  • Fentanyl
  • Propofol
  • Midazolam

Cisatracurium

Steroids

VAP

Failure of ventilator wean

Tracheostomy

Long term wean

ICU admission
Case

Deep sedation
- Fentanyl
- Propofol
- Midazolam

ICU admission

Cisatracurium

Steroids

VAP

Failure of ventilator wean

Tracheostomy

Long term wean
Take home points

- Long term consequences of COVID ARDS
  - Consequences of medical care
  - Evolution of disease
- Long term critical care needs:
  - Ventilator weaning
  - PT/OT, nutrition, nursing care
- High risk for decompensation