COVID-19 continues to overwhelm the world’s best healthcare systems

- Ventilator shortage
- Exhusted clinicians
- Alarming demand
- Rationing care

Can computational analysis of data ease some of these challenges?

One such challenge: Intensivist and respiratory specialist burden

Can better ventilator management improve care effectiveness?

**TOO LATE**
Failure to recognize ventilator withdrawal potential results in:

- INCREASED: Time on vent
- INCREASED: Length of stay
- INCREASED: Costs

Increase in risk of ventilator-associated pneumonia (VAP)

**TOO EARLY**
A failed extubation is associated with¹:

- 5x higher risk of developing VAP
- 7x increased mortality risk

Reintubated patients have a much longer ICU stay

Solution: Widen the ‘Umbrella of Care’ a single clinician can provide

Multivariate analysis of data can provide timely, actionable intelligence:

- Objective criteria to judge readiness to wean
- Trigger actions to decrease support gradually

Nothing can replace the clinician but using a data-driven approach helps deliver the right care, to the right patient at the right time

Benefits: Empowered clinician, better patient care, better outcomes

- Force multiplier
  - Assist the few (and exhausted) clinicians
- Decision-making
  - More timely, evidence-based decisions
- Risk control
  - Effective weaning monitoring & management

“Our clinicians are not at the bedside every second, so they are thrilled to have access to waveforms, parameters, alarms, pressure-volume loops, and trends wherever and whenever they need them.”

Discover hidden insights from your data to help make better decisions

To learn more, reach out at info@falkonry.com