

Critical Care Aspects of COVID-19

Lifesaving treatment and clinical operations

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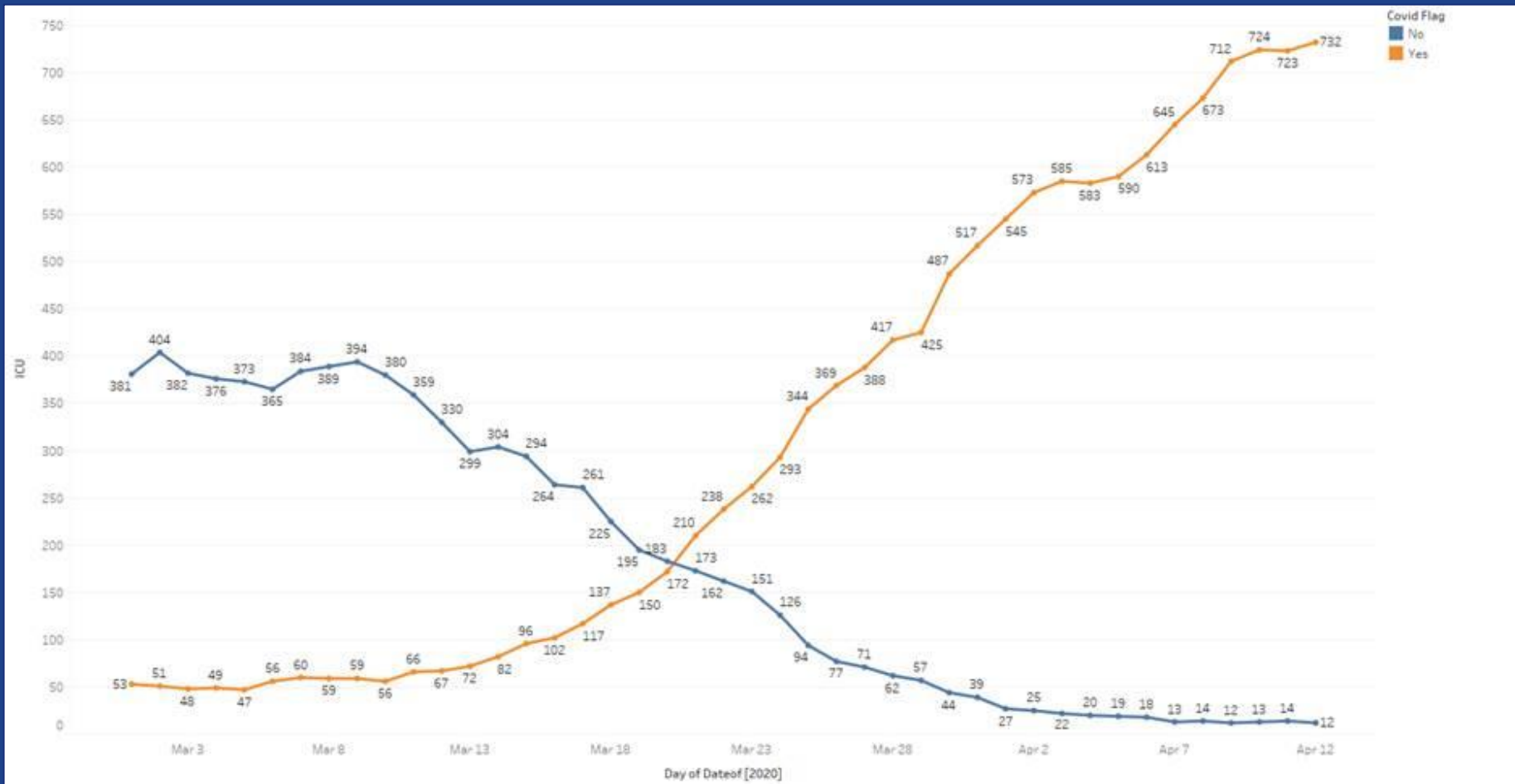
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Phase of critical illness

- Chronic critical illness
 - Post ICU Syndrome (PICS) in survivors
 - Long term ventilator weaning
 - Prolonged need for Renal Replacement Therapy
 - Slow approach towards conventional standard of care
- ECMO not a magic bullet





Critical care support is still the mainstay of treatment

- Evidence supporting no benefit
 - Kaletra
 - Hydroxychloroquine/Azithromycin
- No evidence yet on:
 - Anti IL-6, steroids, convalescent plasma
- Evidence of some benefit
 - Remdesmevir



Resource allocation

- Unilateral DNR/DNI vs. formal resource allocation
- Resource allocation will need to be more nimble
 - Renal replacement therapy
 - Ventilators
 - ICU rooms
- Benefits of having a strong network



Preparation for 2nd wave

- Structured goals of care discussion prior to ICU admission
 - Based on predictive models
- Seamless resource sharing
 - Inter-network collaboration
- Continuing research on therapeutics, ventilator strategies and indices of decompensation



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Questions

