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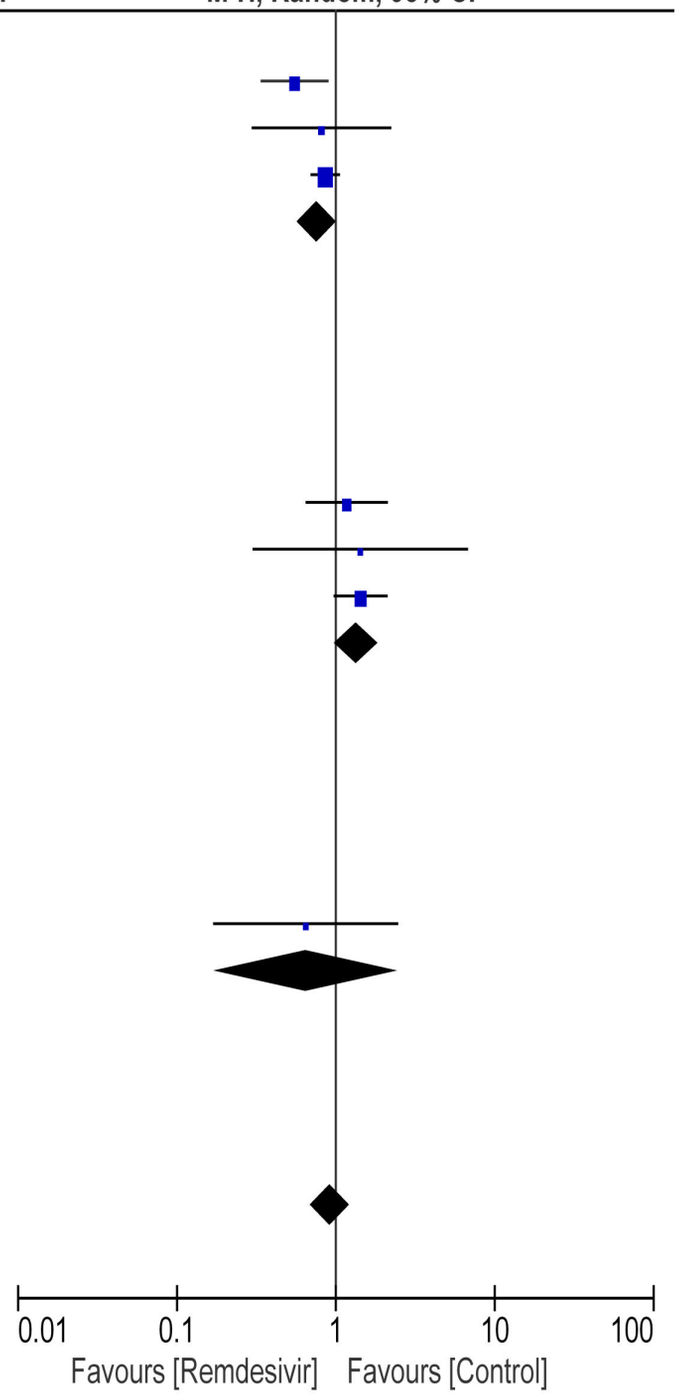
**Supplementary Figure 2: Forest plot of mortality rates in low risk (with or without O2) versus high risk (Invasive ventilation) groups for use of remdesivir versus standard of care in COVID-19**

| Study or Subgroup | Remdesivir Events | Remdesivir Total | Control Events | Control Total | Weight | Odds Ratio M-H, Random, 95% CI |
|---|---|---|---|---|---|---|
| **1.8.1 Low risk (O2 but no Invasive ventilation)** | | | | | | |
| Biegel et al 2020 ACCT | 31 | 402 | 48 | 364 | 18.1% | 0.55 [0.34, 0.89] |
| Wang et al 2020 | 11 | 129 | 7 | 68 | 6.7% | 0.81 [0.30, 2.20] |
| WHO Solidarity 2020 | 203 | 2489 | 232 | 2475 | 30.9% | 0.86 [0.70, 1.05] |
| **Subtotal (95% CI)** | | **3020** | | **2907** | **55.8%** | **0.76 [0.56, 1.02]** |
| Total events | 245 | | 287 | | | |
| Heterogeneity: Tau² = 0.02; Chi² = 2.87, df = 2 (P = 0.24); I² = 30% | | | | | | |
| Test for overall effect: Z = 1.85 (P = 0.06) | | | | | | |
| **1.8.2 High Risk (Invasive ventilation)** | | | | | | |
| Biegel et al 2020 ACCT | 28 | 131 | 29 | 154 | 14.6% | 1.17 [0.66, 2.10] |
| Wang et al 2020 | 11 | 29 | 3 | 10 | 3.1% | 1.43 [0.30, 6.70] |
| WHO Solidarity 2020 | 98 | 254 | 71 | 233 | 22.3% | 1.43 [0.98, 2.09] |
| **Subtotal (95% CI)** | | **414** | | **397** | **40.0%** | **1.35 [0.99, 1.84]** |
| Total events | 137 | | 103 | | | |
| Heterogeneity: Tau² = 0.00; Chi² = 0.33, df = 2 (P = 0.85); I² = 0% | | | | | | |
| Test for overall effect: Z = 1.92 (P = 0.06) | | | | | | |
| **1.8.3 All Patients** | | | | | | |
| Spinner et al 2020 | 5 | 384 | 4 | 200 | 4.1% | 0.65 [0.17, 2.43] |
| **Subtotal (95% CI)** | | **384** | | **200** | **4.1%** | **0.65 [0.17, 2.43]** |
| Total events | 5 | | 4 | | | |
| Heterogeneity: Not applicable | | | | | | |
| Test for overall effect: Z = 0.64 (P = 0.52) | | | | | | |
| **Total (95% CI)** | | **3818** | | **3504** | **100.0%** | **0.93 [0.70, 1.24]** |
| Total events | 387 | | 394 | | | |
| Heterogeneity: Tau² = 0.06; Chi² = 11.59, df = 6 (P = 0.07); I² = 48% | | | | | | |
| Test for overall effect: Z = 0.50 (P = 0.62) | | | | | | |
| Test for subgroup differences: Chi² = 7.48, df = 2 (P = 0.02), I² = 73.3% | | | | | | |




*In ventilation subgroup, Wang et al study included patients on high flow oxygen in addition to invasive ventilation