

## Prone positioning in COVID 19

**Table 1: Showing the outcomes mentioned in the RCTs**

Outcomes	Jayakumar 2021	Rosen 2021	Taylor 2020 (Cluster)	Kharat 2021 (Cluster)
All cause mortality	X	X	X	
Time for clinical recovery		X		
Time to clinical improvement		X		
Progression to Oxygen therapy			X	
Progression to non invasive ventilation (NIV) or High flow Oxygen (HFO)	X (NIV, HFNO, IMV)	X (NIV, IMV)	X (HFNO, IMV)	X (HFNO)
Progression to invasive mechanical ventilation	X	X	X	
Need for ICU			X	X
Adverse events	X	X	X	
Duration of Hospitalization	X	X(Median)	X(Median)	

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Figure 1: Risk of Bias in the available studies

	Risk of Bias arising from the Randomization process	Risk of Bias due to deviation from the intended interventions	Missing outcome data	Risk of Bias in measurement of outcome	Risk of Bias in selection of reported result	Overall Risk of Bias
Jayakumar 2021	+	?	+	+	+	+
Kharat 2021	+	?	+	+	+	?
Rosen 2021	?	?	+	+	+	?
Taylor 2020	?	?	+	+	?	?

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Figure 2: All cause mortality

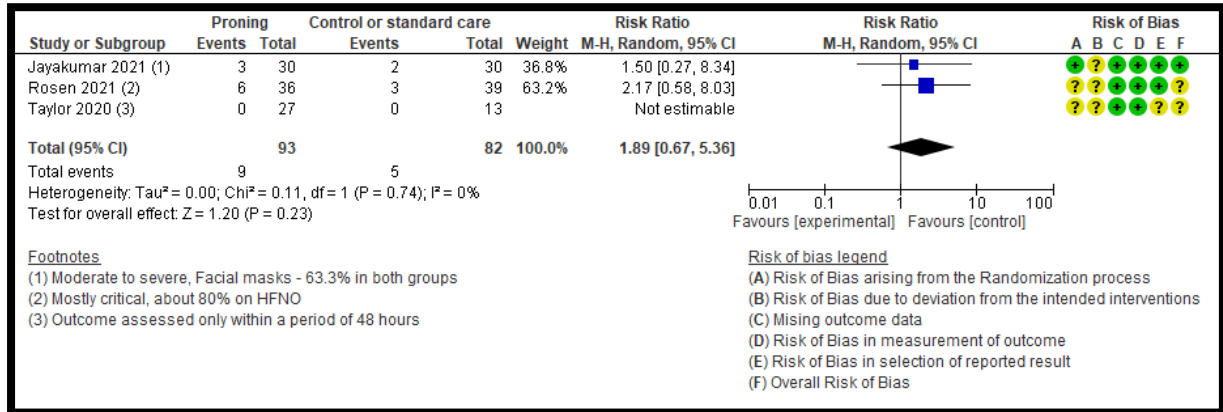


Figure 3: Progression to Non invasive ventilation

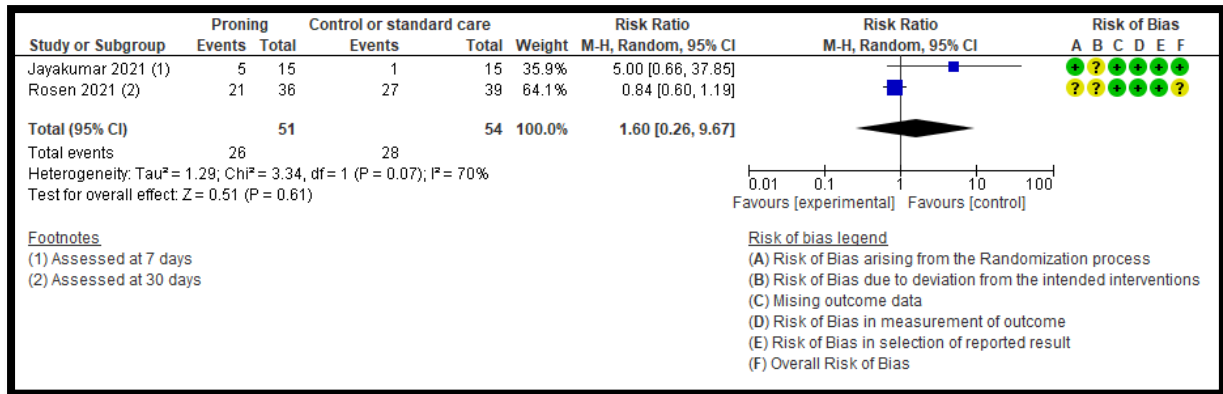
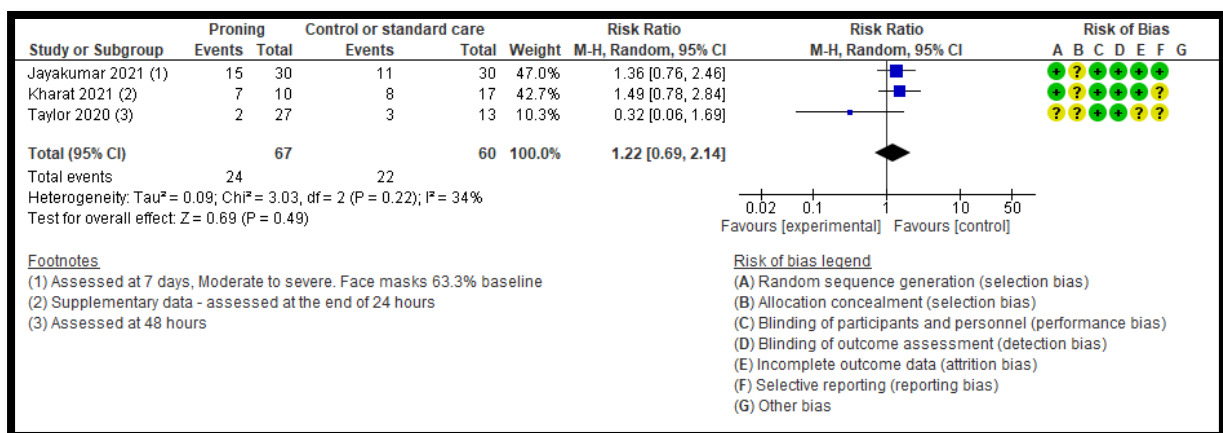


Figure 4: Progression to High Flow Nasal Cannula



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Figure 5: Progression to Invasive Mechanical Ventilation

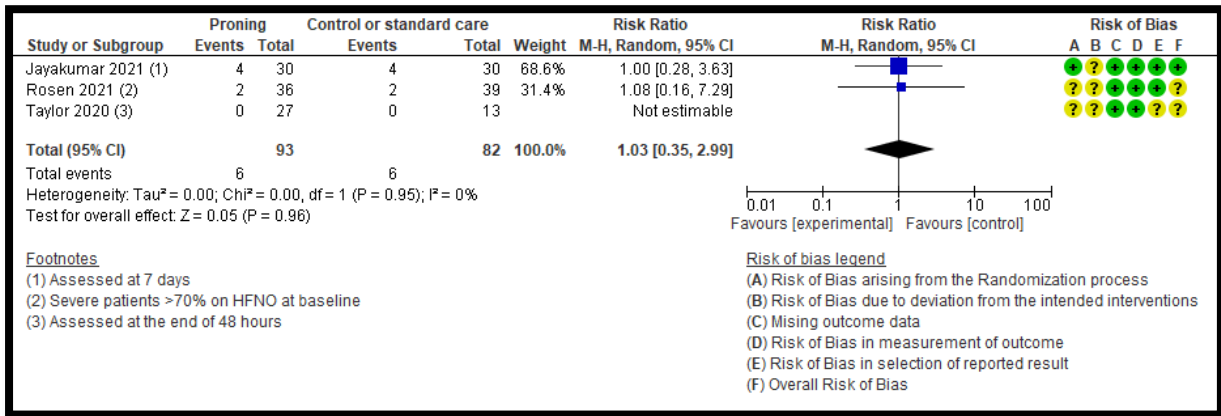


Figure 6: Need for ICU

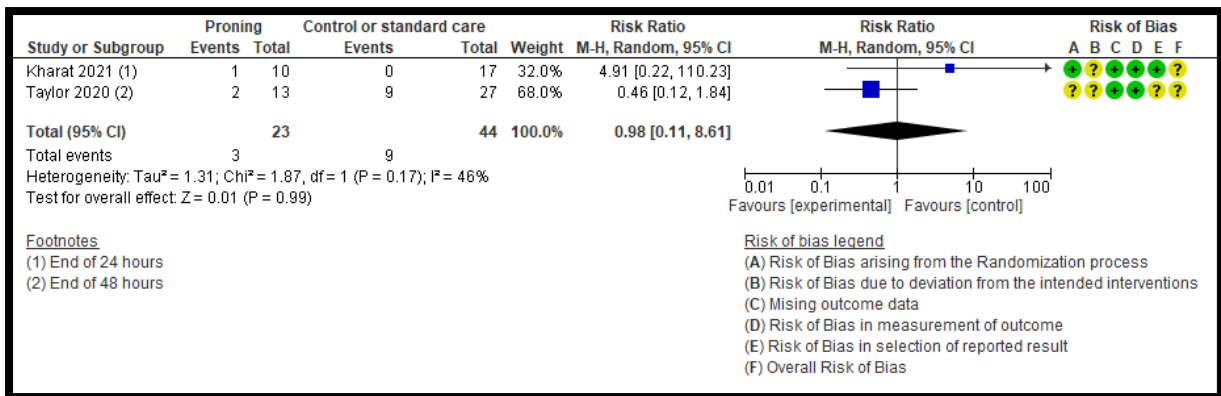
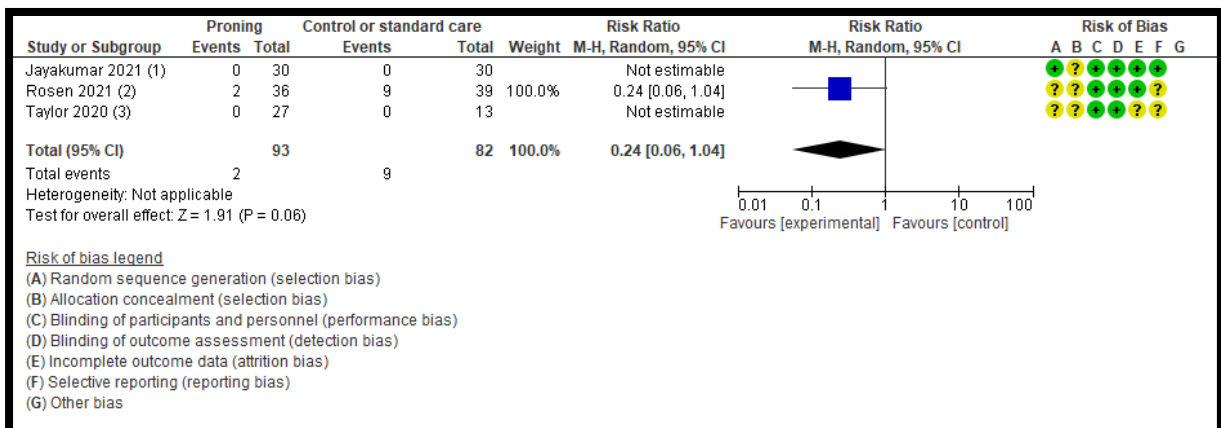
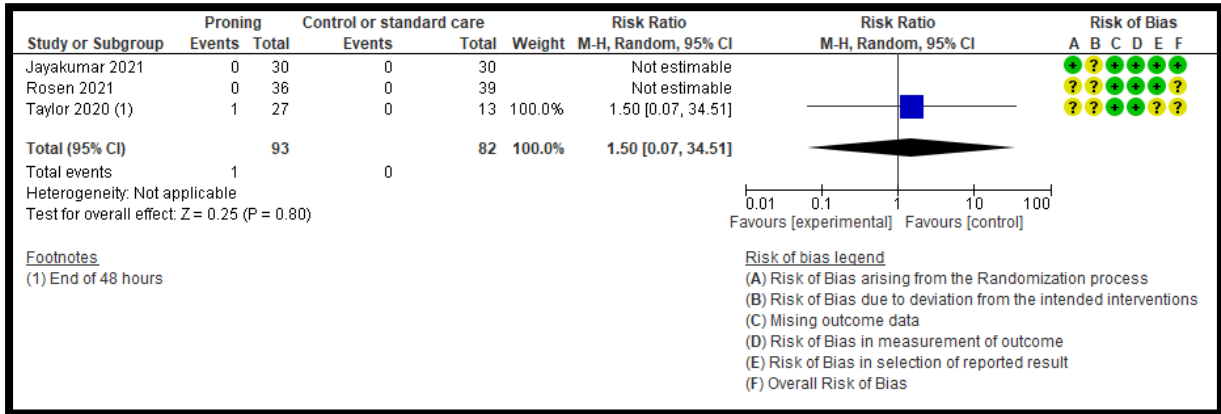


Figure 7: Adverse events – Bed sore



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**Figure 8: Dislodgement of line (Central/arterial/ IV)**



**Table 2: Length of stay in ICU – Median (IQR)**

	Prone group	Usual care/ standard group
Rosen et al	16(11-22)	18(11-30)
Taylor et al	6(3-12)	5(2-9)