

To Webmasters, ANZSRS

I am writing to give thanks for being recently awarded Best Oral Presentation at the ASM in Christchurch 2023. I am very honoured to receive this award and acknowledge everyone that was involved in the research. I was also supported by the Jeffrey J. Pretto Memorial Research Grant, who was a great support and inspiration for all ANZSRS members.

For this study, the simultaneous measurement of nitric oxide and carbon monoxide diffusing capacity (DL_{NO}/DL_{CO}) was used to quantify the contributions of alveolar-capillary membrane conductance and capillary blood volume to impaired gas diffusion following severe COVID-19. At two months post discharge, both components were reduced to a similar extent. While membrane conductance significantly improved at four months post discharge, capillary blood volume remained significantly reduced. These novel findings suggest persisting vascular injury may contribute to physiological impairment long after severe COVID-19 pneumonitis.

Kind regards,

Leigh