

Confirmation of Deep Breath B.V. as Technology Partner of the PRoVENT–TRACE Study

To the management of Deep Breath B.V.,

On behalf of the Steering Committee of the PRoVENT–TRACE study — PRactice Of VENTilation: TRacking Asynchronies and Clinical Endpoints, we are pleased to confirm Deep Breath B.V. as an official technology partner of the study.

PRoVENT–TRACE is an international, prospective, multicentre observational study conducted within the PROVE Network. The study aims to assess the occurrence of different types of patient–ventilator asynchrony throughout invasive mechanical ventilation and to investigate their associations with clinically relevant patient outcomes.

Within this collaboration, Deep Breath will support participating research centres with the technological infrastructure required for the collection, storage, and analysis of high-resolution mechanical ventilation data, including ventilator waveforms used for patient–ventilator asynchrony assessment.

Deep Breath will also collaborate with the study coordination team and participating centres on the technical implementation of the study, including deployment support, site onboarding, and matters related to the quality and continuity of ventilator data collection.

The Steering Committee recognises Deep Breath's expertise in high-resolution ventilation data infrastructure and patient–ventilator interaction analysis and welcomes its contribution to the successful conduct of this international research collaboration.

We look forward to working together throughout the PRoVENT–TRACE study.

Yours sincerely,

For and on behalf of the PRoVENT–TRACE Steering Committee

Juliana C Ferreira

Associate Professor and Principal Investigator of the study

University of São Paulo

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