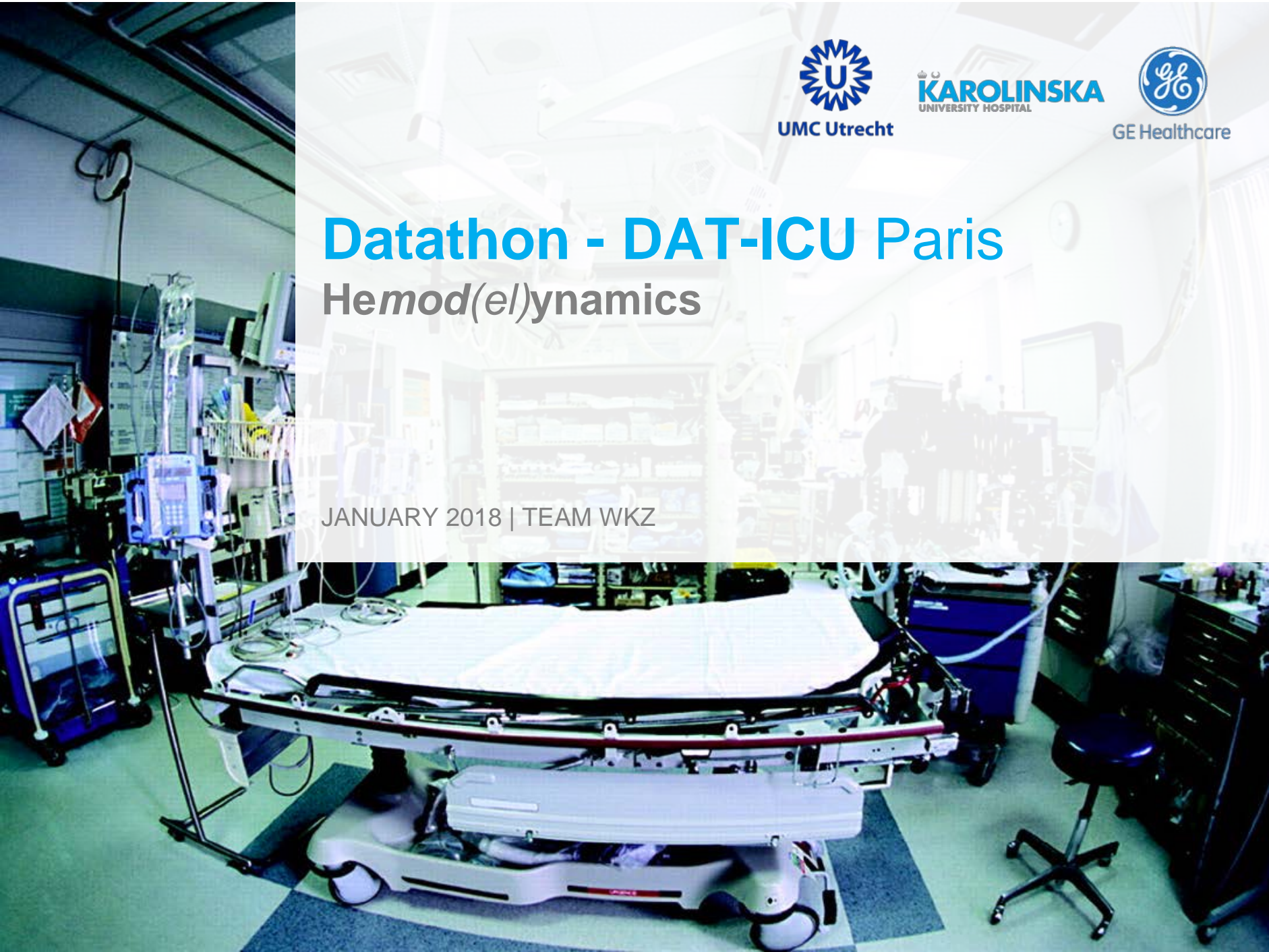


Datathon - DAT-ICU Paris

Hemod(e)ynamics

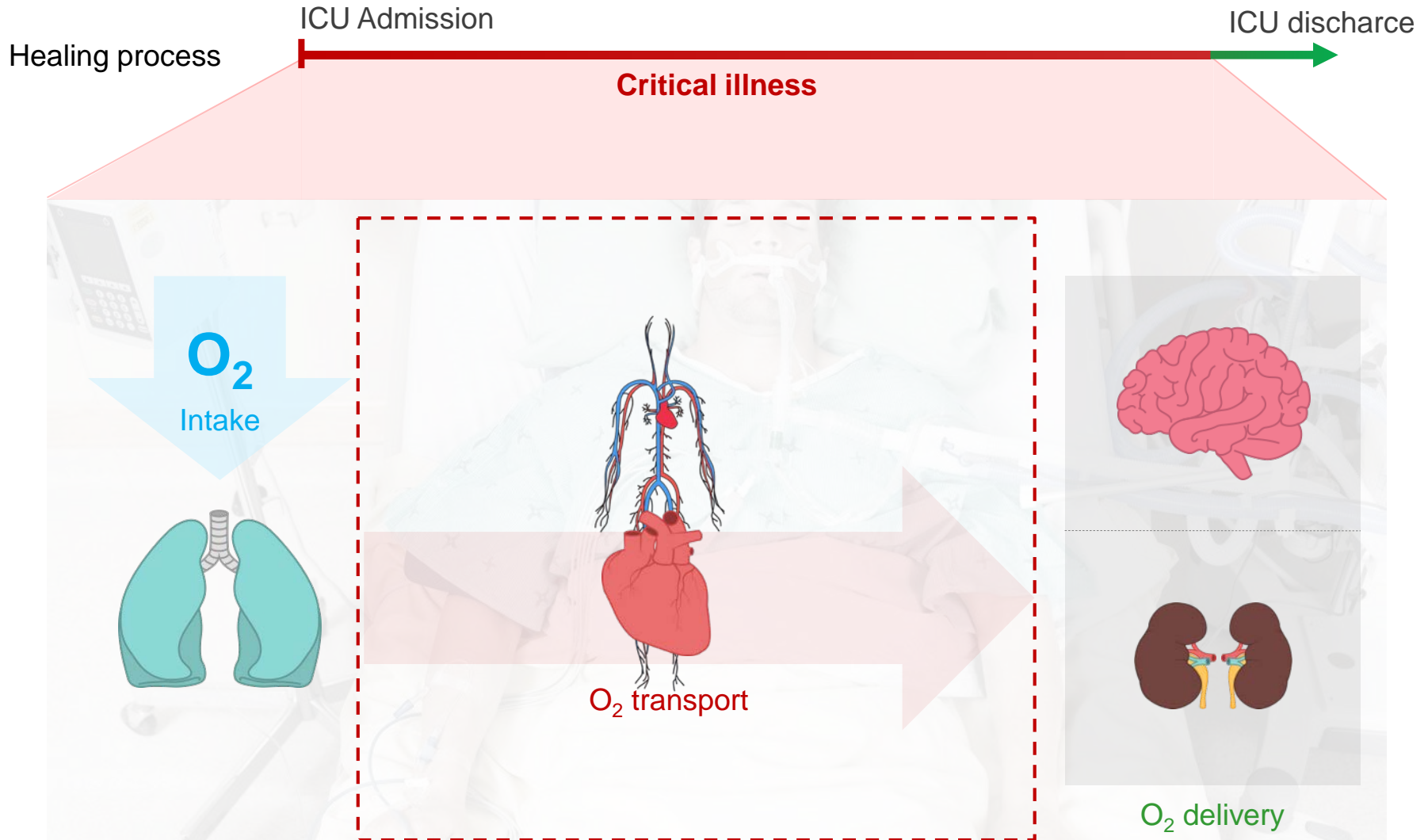
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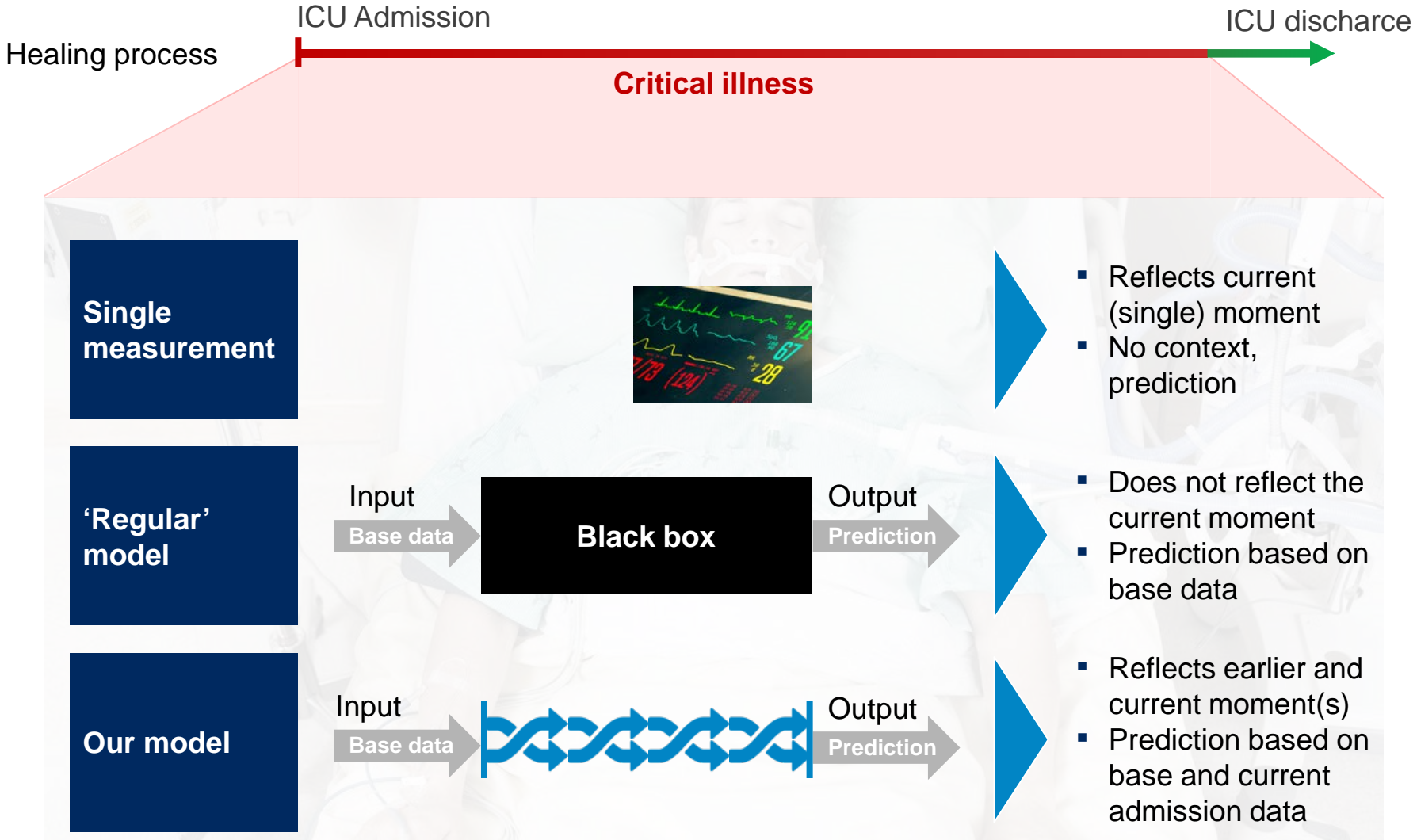
In the ICU we support and optimize the oxygen perfusion of vital organs of patients to support their healing process



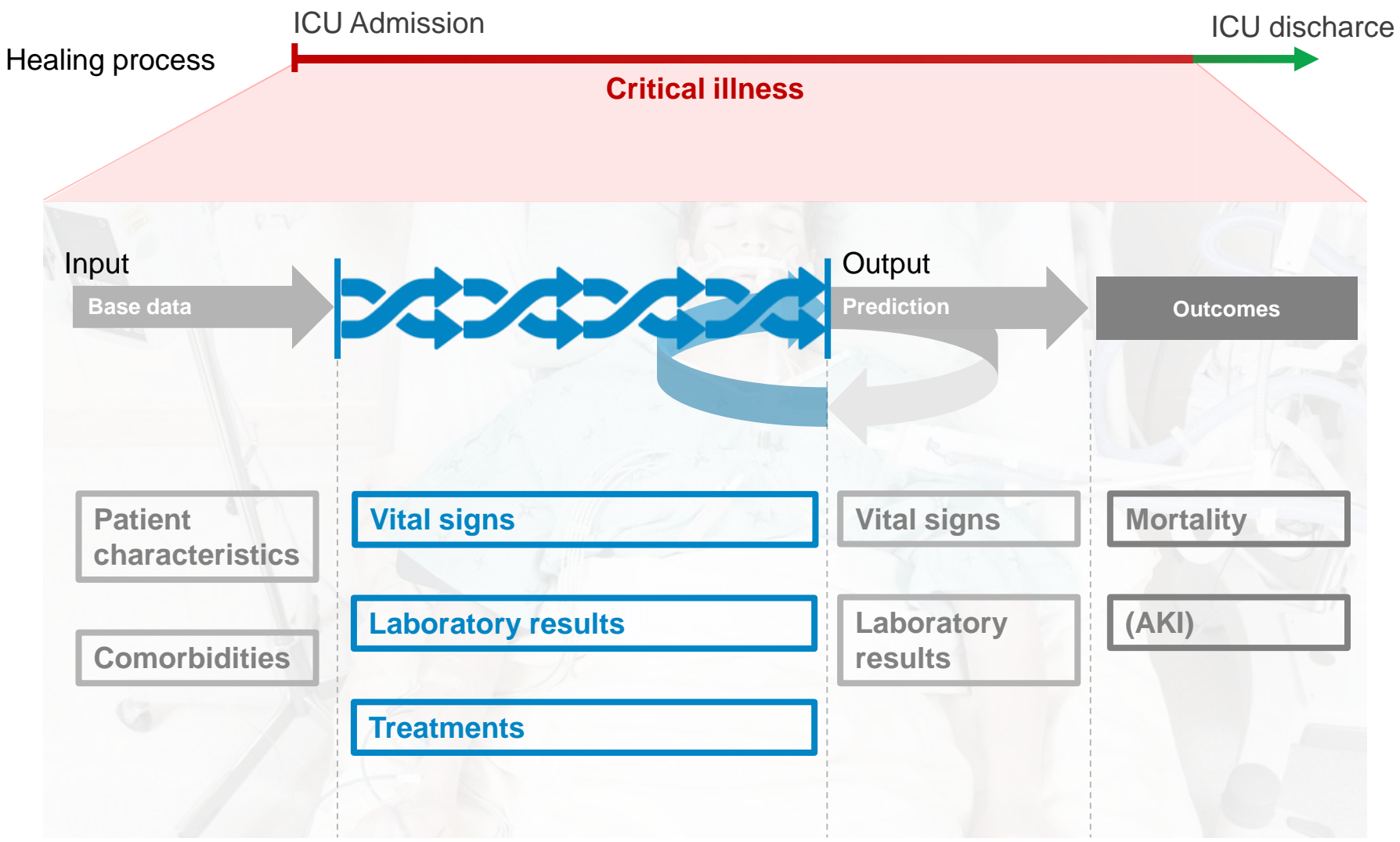
An important objective in the ICU to keep patients alive is to manage their hemodynamic state to optimize organ perfusion



To be able to optimize organ perfusion we measure hemodynamic parameters as a derivative for a patients hemodynamic state



By combining hemodynamic parameters and treatments in a **neural network** we plan to be able to predict possible hemodynamic deterioration...



... so we can offer clinicians decision support to improve ICU outcomes in the future

