# Observation

**SpO₂** – The percentage of oxygen-saturated hemoglobin in the blood, measured noninvasively.

**HR** – Heart rate, the number of heartbeats per minute.

**PI** – Perfusion Index, an indicator of blood flow strength at the sensor site.

**RR** – Respiratory rate, the number of breaths taken per minute.

**EtCO₂** – End-tidal carbon dioxide, the concentration of CO₂ at the end of an exhaled breath.

**FiO₂** – Fraction of inspired oxygen, the percentage of oxygen delivered to the patient.

**PRV** – Pulse rate variability, the variation in time intervals between pulse beats.

**BP** – Blood pressure, the force of circulating blood on vessel walls.

**Skin Temperature** – The measured surface temperature of the skin.

**Motion/Activity index** – A numerical measure of patient movement or physical activity.

**PVI** – Pleth Variability Index, a measure of changes in the perfusion index during breathing cycles.

**Hb level** – Hemoglobin level, the concentration of hemoglobin in the blood.

**SV** – Stroke volume, the amount of blood pumped by the heart in one beat.

**CO** – Cardiac output, the volume of blood pumped by the heart per minute.

**Blood Flow Index** – An index indicating relative blood flow in tissue.

**PPG waveform features** – Characteristics extracted from the photoplethysmography signal for analysis.

**Signal Quality Index** – A measure of the reliability and accuracy of recorded physiological signals.

**Respiratory effort** – The effort exerted by the body to breathe, often measured via chest or abdominal movement.

**O₂ extraction ratio** – The proportion of oxygen removed from the blood by tissues.

**SNR** – Signal-to-noise ratio, the strength of the physiological signal compared to background noise.

**Oximetry** – The noninvasive measurement of blood oxygen saturation.

**Latitude** – The geographic coordinate specifying north–south position on Earth.

**Longitude** – The geographic coordinate specifying east–west position on Earth.

# Patient

# Station