EARLY DETECTION OF INFECTION:
USING PHYSIOLOGICAL MONITORING DATA

BIOMARKERS

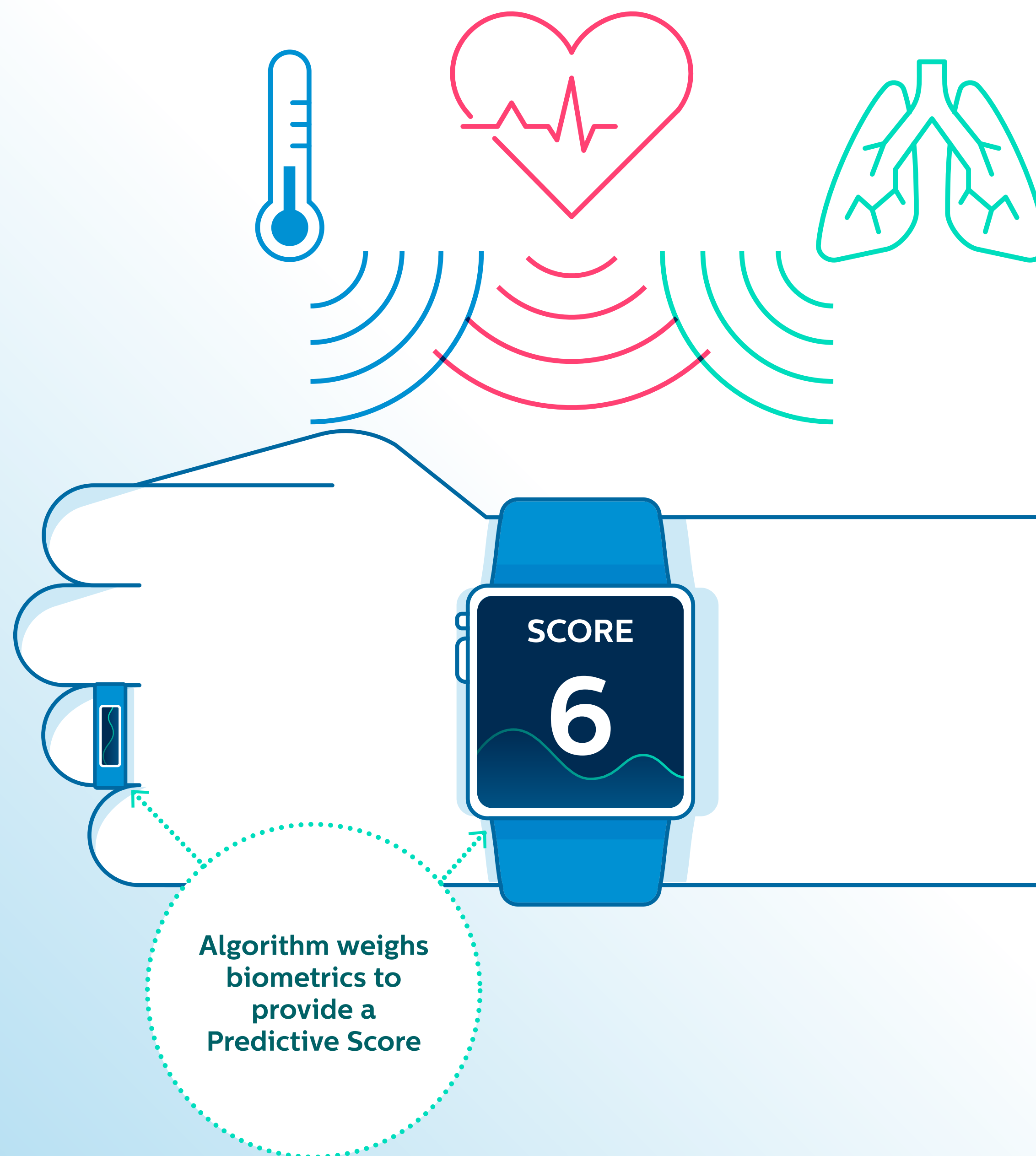Providing insight into bodies/immune system response to fight/protect

- Heart & Respiratory metrics
- Pulse Oximetry
- Temperature

ACTION

- Cue testing and to enable early diagnosis.
- Facilitate early application of therapeutics.
- Isolate early if infected to decrease spread of contagion.
- Enable proactive health management.

The RATE approach is a device-agnostic cloud-based service that uses large-scale machine learning and tradespace analysis across **>250 different biomarkers** from **>41,000 cases** of hospital-acquired infection (HAI) extracted from **6M+ hospital patient encounters**.

SCORE
6

Algorithm weighs biometrics to provide a Predictive Score

Early Detection of Infection:
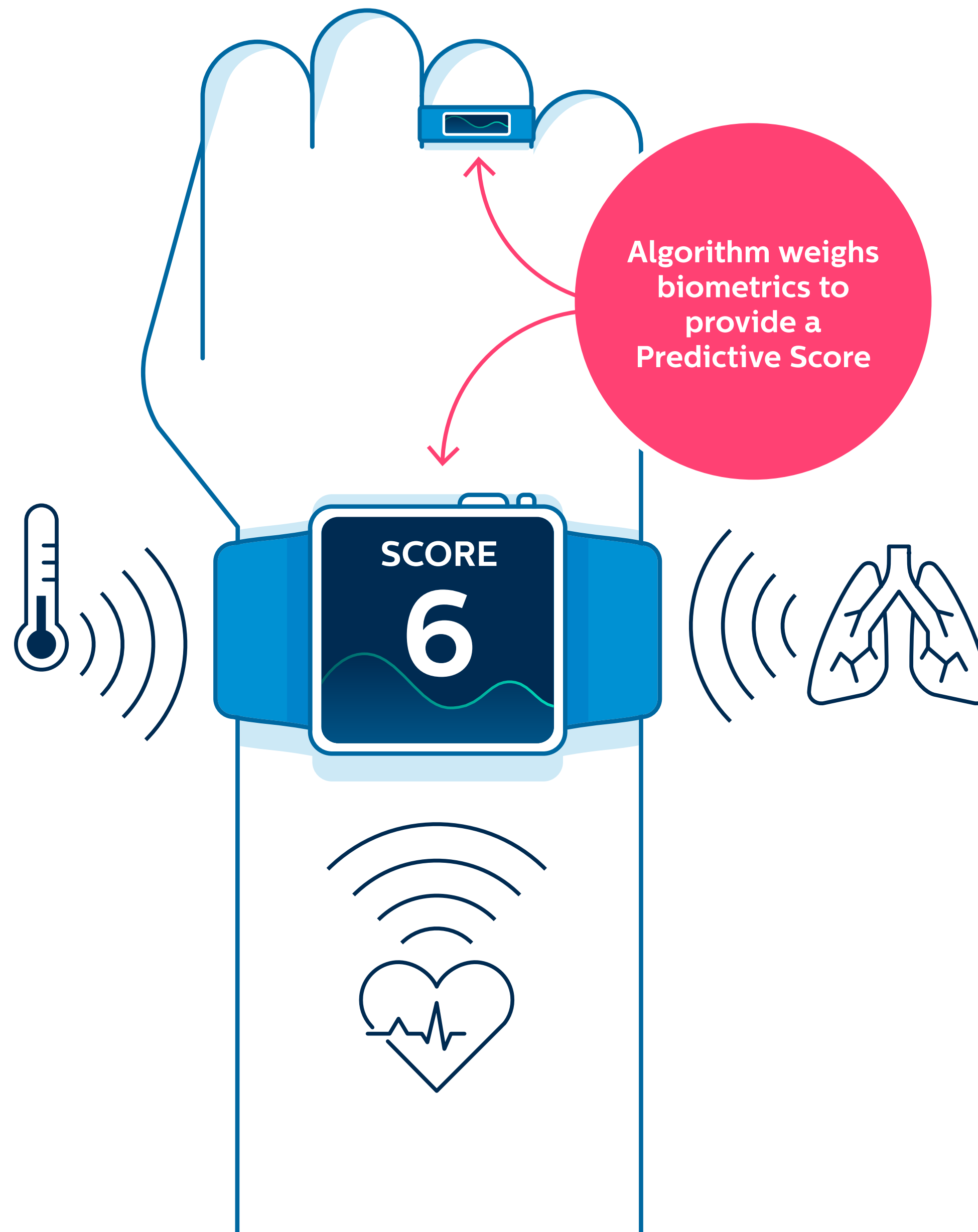## Using Physiological Monitoring Data

BIOMARKERS
Providing insight into bodies/immune system response to fight/protect
- Heart & Respiratory metrics
- Pulse Oximetry
- Temperature

ACTION
- Cue testing and to enable early diagnosis.
- Facilitate early application of therapeutics.
- Isolate early if infected to decrease spread of contagion.
- Enable proactive health management.

Algorithm weighs biometrics to provide a Predictive Score

SCORE
6

The RATE approach is a device-agnostic cloud-based service that uses large-scale machine learning and tradespace analysis across **>250 different biomarkers** from **>41,000 cases** of hospital-acquired infection (HAI) extracted from **6M+ hospital patient encounters**.