



ICU Patient Advanced Warming

Submitted to AI/Health Hackathon, 2019, Team M5

Team M5 ver 3





- **Forecast ICU Treatments x hrs in advance**
- **Help Doc more quickly choose the right treatments, avoid unnecessary/wrong treatments**
- **Avoid ICU Stay**



Daily Average Costs:

ICU ~ \$4,000

Regular Hospital Bed ~ \$2,000

Average Mortality Rate:

ICU ~ 13.5%

Regular Hospital Bed ~ 8.2%

Healthy Volunteers
(50)

Critically Ill Patients
(50)

Synthetic
Population (50)

Cardiac Conditions
Heart Rhythm from
ECG

Blood Oxygen
Saturation
from PPG

Lung Conditions
from Impedance
Pneumograph

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DEMO



Value Creation



ICU (Adult)

Initial Product Pilot Sites

War Time Military Clinics

Ambulance Services

Trauma Centers, ERs

Future Direction of Enhancement

