



External data source: medical devices, EHR, hospital system, human proxy,

Vital signals, lab results, medical history, chronic conditions, demographics,
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Update of medical tasks

Patient Digital Twin

Organ-centric
data storage

Clinical assessment
scores

Pathophysiology models

Compliance Monitor: Diagnosis and Treatment Workflows

ACLS Guidelines

CPR

Rhythm check

EPI

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Sepsis Guidelines

Fluid

Antibiotics

Inotrope

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Ventilation Guidelines

Oxygenation

Blood pH

Plateau pressure

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Clinical Guidance System User Interface



Middleware

Guidance: task notifications,
recommendations, warnings, ...

User Actions

User Action History