



PATIENT CARE WORKFLOW GUIDE

Patient Monitoring: From Connected Devices to an Actionable Worklist

A workflow guide for patient admission, continuous vital-sign visibility, alert review, and device operations.

Intended audience

Nursing leadership, clinical operations, virtual-care leaders, biomedical engineering, and IT

Scope

Product and workflow information grounded in supplied Rainscales materials. Not clinical guidance or a regulatory statement.



Workflow at a glance

LifeLine is presented as a connected patient-monitoring workflow spanning admission, device operations, a centralized dashboard, and configurable alert rules.

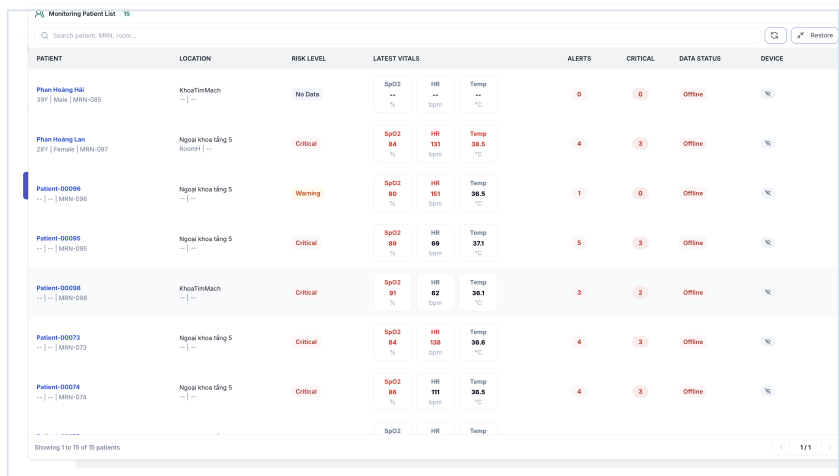
The supplied catalogue describes an operational workspace rather than a replacement for clinical judgment. It organizes monitored-patient status, latest available vital signs, active alerts, device condition, and follow-up actions.

1. Admit	Create or locate the inpatient record and establish monitoring status.
2. Assign	Associate the appropriate wearable and hub; review connection and battery status.
3. Monitor	Use department and patient views for SpO2, heart rate, temperature, trends, and data status.
4. Triage alerts	Review the active-alert worklist, severity, occurrence time, and current status.
5. Document action	Acknowledge or resolve the alert according to the configured workflow and local policy.

The interface supports human review. It does not establish diagnostic accuracy, clinical efficacy, regulatory clearance, integration support, or product availability.

Product workflow in view

The supplied interfaces below show the workflow stages described in this guide.



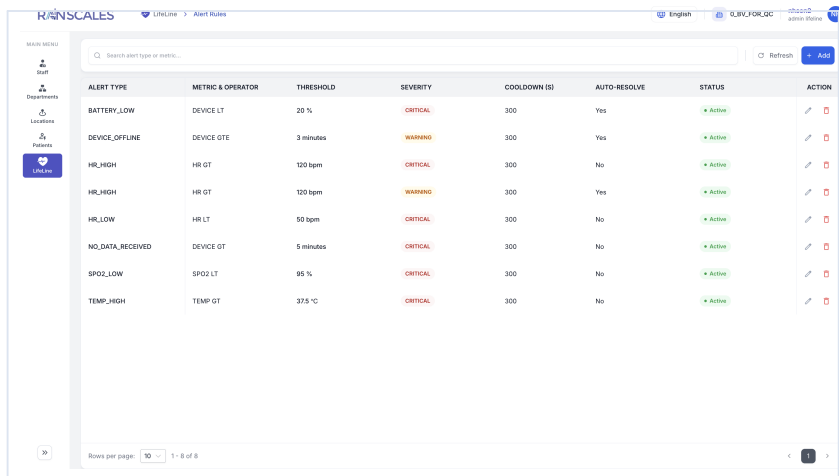
Monitoring Patient List

Search patient, MRN, room...

PATIENT	LOCATION	RISK LEVEL	LATEST VITALS			ALERTS	CRITICAL	DATA STATUS	DEVICE
Phan Hoàng Hải 39Y Male MRN-085	Khoa TimMach ---	No Data	SpO2 -- %	HR -- bpm	Temp -- °C	0	0	Offline	
Phan Hoàng Lan 28Y Female MRN-087	Ngôi khoa tầng 5 B0004 ---	Critical	SpO2 84 %	HR 121 bpm	Temp 38.5 °C	4	3	Offline	
Patient-00098 --- --- MRN-098	Ngôi khoa tầng 5 ---	Warning	SpO2 80 %	HR 151 bpm	Temp 36.5 °C	1	0	Offline	
Patient-00095 --- --- MRN-095	Ngôi khoa tầng 5 ---	Critical	SpO2 89 %	HR 69 bpm	Temp 37.1 °C	5	3	Offline	
Patient-00088 --- --- MRN-088	Khoa TimMach ---	Critical	SpO2 91 %	HR 82 bpm	Temp 36.1 °C	3	2	Offline	
Patient-00073 --- --- MRN-073	Ngôi khoa tầng 5 ---	Critical	SpO2 84 %	HR 138 bpm	Temp 36.6 °C	4	3	Offline	
Patient-00074 --- --- MRN-074	Ngôi khoa tầng 5 ---	Critical	SpO2 85 %	HR 111 bpm	Temp 36.5 °C	4	3	Offline	

Showing 1 to 10 of 10 patients

Alert configuration: configurable rules and thresholds represented in the supplied LifeLine interface.



RAIN SCALES

Alert Rules

English

CLINICAL

Search alert type or metric...

Refresh Add

ALERT TYPE	METRIC & OPERATOR	THRESHOLD	SEVERITY	COOLDOWN (s)	AUTO-RESOLVE	STATUS	ACTION
BATTERY_LOW	DEVICE LT	20 %	CRITICAL	300	Yes	Active	
DEVICE_OFFLINE	DEVICE GT	3 minutes	WARNING	300	Yes	Active	
HR_HIGH	HR GT	120 bpm	CRITICAL	300	No	Active	
HR_HIGH	HR GT	120 bpm	WARNING	300	Yes	Active	
HR_LOW	HR LT	50 bpm	CRITICAL	300	No	Active	
NO_DATA_RECEIVED	DEVICE GT	5 minutes	CRITICAL	300	No	Active	
SPO2_LOW	SPO2 LT	95 %	CRITICAL	300	No	Active	
TEMP_HIGH	TEMP GT	37.5 °C	CRITICAL	300	No	Active	

Rows per page: 10 1 - 8 of 8

Wearable operations: device inventory, assignment state, location, connection, and battery visibility.

Product modules

Dashboard

Department-level overview, monitored-patient list, active-alert worklist, and focused views for patients or alerts requiring attention.

Admission

Inpatient records and current monitoring status.

Device operations

Wearable and hub lists, assignment state, connection state, and battery visibility.

Alert configuration

Rule and threshold configuration for the monitored parameters represented in the supplied catalogue.

Operational detail

- The monitored-patient list can display patient and location information, risk or monitoring severity, latest SpO2, heart rate, and temperature values, alert counts, data status, device status, and last update time.
- The active-alert worklist is described as a central place to review alert code, patient, alert name, severity, occurrence time, and status, with acknowledge or resolve actions based on workflow state.
- Device administration includes wearable and hub inventory views. The catalogue supports assignment, connectivity, and operational status concepts; it does not establish interoperability with any named third-party system.

Implementation discussion guide

Use these questions to define scope before treating the interface as a production workflow.

- Which units, patient populations, and vital signs are within the intended deployment scope?
- Who owns alert acknowledgement, escalation, and resolution for each shift?
- How will connectivity gaps, low battery, missing data, and device reassignment be handled?
- Which integrations and regulatory claims are approved for the deployment region?

Governance and validation

- Define clinical and operational ownership for every state, exception, escalation, and sign-off.
- Validate the workflow with representative users, devices, environments, and edge cases.
- Document privacy, security, retention, access, audit, downtime, and change-control requirements.

Review required before external use

Validate device compatibility, integrations, alert thresholds, clinical ownership, availability, and regulatory status before publication or deployment.

Review the workflow with Rainscales

Use this guide to structure a review with clinical, operational, privacy, security, and regulatory stakeholders.



Primary supplied sources: LifeLine_Catalogue(4).docx and the approved Patient Monitoring webpage.

No performance metrics, clinical outcomes, customer results, regulatory approvals, named integrations, or deployment timelines are asserted in this guide.