

# Case Study: Remote Patient Monitoring Implementation Impact at Wockhardt Group of Hospitals



## Enhancing Patient Safety, Reducing ICU Escalations, Improved Clinical Efficiency at Scale.

### The Challenge: Manual Monitoring Limitations

Conventional spot checks delayed response time, increased nurse workload, and risked patient deterioration going unnoticed. With rising caseloads and resource constraints, there was an urgent need for a scalable solution that ensured timely intervention and patient safety.




### The Solution: Dozee AI-Powered RPM

Dozee enabled continuous, contactless monitoring of vital signs with tiered alerting and actionable clinical tags. The system provided real-time dashboards, escalation logs, and automated fall-risk monitoring to empower clinical staff with early warning capabilities.



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### KEY IMPACT METRICS: BEFORE & AFTER RPM IMPLEMENTATION

Reduced Critical Incidents 	50% reduction in Emergency ICU Escalations	Oct to Mar (6 → 3)
	3 emergency ICU shifts	Across 3 cities, 4 Units
	No Falls Reported	In 6 months
Improved ICU Utilisation 	Reduction in unplanned ICU Admissions	Avg. 8 per month (30%)
	Increase in planned ICU Admissions	44% in Nov to 60% in March
Improved Alert Response 	Visual fall-risk classification adopted	Automated alerting

### EFFICIENCY & COMPLIANCE



**2008**  
**Patients monitored**  
across Mumbai, Nagpur,  
Rajkot



**Nurse Alert**  
**Acknowledgment Rate**  
**~80%**



**83%**  
**Reduction in Vitals Check Time**  
60 min to 10 mins - Time saved redirected to  
clinical decision-making.

### The Bottom Line: RPM is a Game-Changer

- Smarter nurse efficiency & reduced workload - Resource Optimization
- Fewer emergencies, fewer ICU admissions
- Faster interventions & shorter hospital stay - Better Patient Outcomes
- Enhanced patient safety -
- Higher satisfaction rates - Increased Patient Experience

**Opinion: Hospitals worldwide should adopt AI-driven monitoring to redefine patient safety, optimize resources, and transform care quality.**