

# Home ICU Guide

Learn how to set up and manage ICU equipment at home

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A home ICU setup allows critically ill patients to receive advanced medical support in a familiar environment. This guide provides an overview of essential ICU equipment, safety practices, maintenance tips, and caregiver responsibilities for creating a safer and more effective home critical care environment.

## Essential ICU Equipment

- Ventilator or BiPAP machine for respiratory support
- Multiparameter patient monitor
- Oxygen concentrator or oxygen cylinders
- Suction machine for airway clearance
- Infusion or syringe pumps
- ICU bed with adjustable positions
- Pulse oximeter and BP monitor
- Nebulizer for respiratory medication delivery

## Room Setup Guidelines

- Ensure uninterrupted electricity with backup power
- Keep emergency contact numbers visible
- Maintain proper room ventilation and cleanliness
- Allow enough space around the patient bed
- Store medicines and disposables in an organized manner
- Use infection-control measures like gloves and sanitizers

## Patient Monitoring Tips

- Monitor oxygen saturation regularly
- Check heart rate and blood pressure periodically
- Observe breathing pattern and patient comfort
- Keep records of medications and vital signs
- Respond immediately to alarm notifications

# Equipment Maintenance

- Clean filters and tubing as recommended
- Check oxygen levels and battery backup daily
- Inspect cables and connections regularly
- Schedule periodic servicing by professionals
- Use sterile consumables wherever required

# Quick Equipment Reference

Equipment	Primary Use
Ventilator / BiPAP	Breathing assistance
Patient Monitor	Monitoring vital signs
Oxygen Concentrator	Continuous oxygen delivery
Suction Machine	Airway secretion removal
ICU Bed	Patient positioning and comfort

# Additional Resource

Visit: <https://breathcarekart.netlify.app/tdow>

The information in this guide is based on general ICU equipment references and home critical care setup guidance from multiple healthcare resources.