

Point-of-Care Systems

POC (Point-of-Care) Diagnostic Systems

Portable AI equipment for diagnostics performed immediately at the patient's bedside

POC System Examples

Portable Ultrasound

- Butterfly iQ, Lumify
- Real-time image analysis
- Automatic lesion detection

Blood Analyzer

- Immediate blood testing
- AI-based result interpretation
- Emergency room & outpatient use

Retinal Camera

- Diabetic retinopathy screening
- Offline operation
- Use in developing countries

POC System Requirements



Accuracy First: Medical device level (95%+)



Fast Response: Results within 5-30 seconds



Offline Operation: No network required



Privacy Protection: No external data transmission

Deployment Considerations: FDA/CE certification required, clinical validation essential,
Medical staff training and user interface are critical