

Best Practices and Lessons Learned

Recommendations (Do's)

- ✓ Automate continuous monitoring
- ✓ Build multi-tier validation process
- ✓ Progressive deployment (Canary, Blue-Green)
- ✓ Prepare complete rollback mechanism

Things to Avoid (Don'ts)

- X Auto-deploy without validation
- X Depend on single metric only
- X Neglect documentation
- X Ignore feedback loop

Key Lessons

- Safety first: Patient safety > Performance improvement
- Transparency: Disclose all changes transparently
- Collaboration: Close clinician-engineer cooperation

- Adaptability: Respond to rapidly changing environment