Data Security Compliance Checklist for Medical Software

Access Controls

- [ ] Unique user IDs and strong authentication for all users
- [ ] Role-based access implemented
- [ ] Regular review of privileged accounts

Data Encryption

- [ ] Encryption of data at rest
- [ ] Encryption of data in transit (e.g., TLS/SSL)
- [ ] Storage of encryption keys securely

Audit & Monitoring

- [ ] System activity logs are enabled
- [ ] Regular review of access logs
- [ ] Alerting on suspicious activity

Data Integrity & Backup

- [ ] Automated data backups scheduled
- [ ] Backup encryption in place
- [ ] Regular backup restoration testing

Compliance & Privacy

- [ ] Data retention policies documented
- [ ] Patient consent management implemented
- [ ] Security policies align with HIPAA/GDPR requirements