NIST CSF Functional Analysis

Identify (ID)

- Conducted an **Asset Inventory** of IT and medical systems
- Completed **Business Impact Analysis (BIA)**
- Defined **Risk Tolerance and Compliance Requirements** under HIPAA

Protect (PR)

- Implemented **Access Control Policies (PR.AC)**
- Deployed **Encryption for Data-at-Rest and Data-in-Transit (PR.DS)**
- Added **Security Awareness Training (PR.AT)**

Detect (DE)

- Installed **SIEM tools** to monitor system logs
- Established **Anomaly Detection** and alert thresholds
- Configured **Network Intrusion Detection System (IDS)**

Respond (RS)

- Developed an **Incident Response Plan (IRP)**
- Defined **Communication Procedures** for internal/external notifications
- Conducted **Tabletop Exercises**

Recover (RC)

- Implemented **Data Backup and Disaster Recovery Plan**
- Tested **System Restoration Procedures** quarterly
- Created **Post-Incident Review Process**