Security Protocols 1

- Policies and Procedures

- Background checks

- Privacy and Information Security Training

  - Required before accounts are issued

  - Only access Restricted Information when necessary for your job and only access the minimum necessary Restricted Information

- Minimum Security Standards

  - Keep patches, applications and antivirus up to date

  - Host-based firewall

  - No unencrypted authentication

  - Turn off unnecessary services

  - Workstation and application session timeouts after inactivity

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Security Protocols 2

- Account management/Passwords
  - Don't share passwords
  - Complex passwords
  - Lockout after a number of invalid login attempts
  - Password resets
  - Timely termination of accounts
  - Periodic review of accounts
  - Logout or lock workstation when you leave

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Security Protocols 3

- Mobile devices – Encryption and Mobile Device Management

- Network
  - Perimeter firewall
  - DMZs
  - VPN for remote access
  - Intrusion Prevention Systems
  - Network scanning
  - Only approved wireless can be used

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Protocols 4

- Other

  - Monitoring for system and event logs

  - Monitoring for unauthorized access to PHI

  - Approval process for new projects, IP addresses, Business-to-Business VPN connections, downloads/extracts from central data sources

  - Vulnerability scanning for applications.

  - Also: Risk Assessment/Management, Security Incident Response, Sanctions, Secure disposal, Disaster Recovery

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Possibly useful references

- Committee for Protection of Human Subjects Data Security Requirements.

  http://www.oshpd.ca.gov/Boards/CPHS/DataSecurityRequirements.pdf

- Agency for Healthcare Research and Quality (AHRQ) Registries for evaluating patient outcomes: A user Guide.

  http://www.effectivehealthcare.ahrq.gov/ehc/products/74/531/Registries%202nd%20ed%20final%20to%20Eisenberg%209-15-10.pdf

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Questions?

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