Technology Assessment: Process Overview

Telemedicine Technology Assessment

Needs Assessment
- Step 1: Establish Requirements
- Step 2: Market Review

Testing
- Step 3: Procure Devices
- Step 4: Plan Tests
- Step 5: Test the Plan

Deployment and Support
- Step 6: Select Device
- Step 7: Deploy
Technology Assessment: Step 1 Establish Requirements

- Create needs assessment
- Create Position Statement
- Create User Profile List
- Create Use Case List
- Create Requirements
- SWOT Analysis

Must have Features
Nice to have Features
Technology Assessment: Step 2 Market Review

Step 2: Market Review

- Identify Device Features
  - Gather Manufacturer Information
  - Create product cut sheets
  - Create device list with features
  - Find 3rd party reviews

- Identify Useful Features
  - Research how the technology works
  - Create a technology overview document
Step 3: Procure Devices

- Contact vendors
- Organize test units

- Loan units
- Purchase single evaluation unit
Technology Assessment: Step 4 Plan the Tests

Step 4: Plan Tests

- Identify participants
- Create test set
- Create scoring system
- Create testing schedule

  - Functionality
  - Usability
  - Mechanics
  - Interoperability
  - Security
Step 5: Test the Plan

- Follow plan
- Document
- Evaluate results
- Secondary Assessment (as needed)
Technology Assessment: Step 6 Select Device

- Step 6: Select Device
- Testing Review and Final Selection
  - Disseminate Information
  - Assessment Overview
Technology Assessment: Step 7 Deploy and Support

Step 7: Deploy
- Purchase
- Deploy
- Support
- Train