### eMedRec Evaluation Checklist

**1. Evaluate usability of the eMedRec tool**

**Prepare**
- [ ] Test the equipment to collect the audio and screen recordings.
- [ ] Select the representative tasks and users for testing the tool.
- [ ] Obtain ethical approval through your organization’s ethical review board.

**Test**
Record representative users performing the following tasks:
- [ ] Collecting the electronic Best Possible Medication History (eBPMH).
- [ ] Revising / Updating the eBPMH.
- [ ] Comparing two different medication lists for discrepancies.
- [ ] Resolving unintentional and undocumented intentional discrepancies.
- [ ] Generating an electronic Best Possible Medication Discharge Plan (eBPMDP) that includes:
  - [ ] Medication regimen for patients in consumer friendly language.
  - [ ] Communicating the medication regimen to the next provider (e.g., family physician).
  - [ ] Communicating the medication regimen and new prescriptions to the community pharmacy.
- [ ] Other tasks?

**Analyze The Data**
- [ ] Transcribe the audio recordings and annotate the video records.
- [ ] Identify where users encountered usability issues.

**Revise the eMedRec System**
- [ ] Work with IT staff and/or vendor to customize the solution to ameliorate the usability issues identified.

**2. Evaluate the influence of eMedRec on workflow**

**3. Estimate the impact of eMedRec on organizational costs**
- [ ] Use Meisel’s formula (p. 85, MARQUIS Manual) to estimate the net cost of eMedRec Implementation.
- [ ] Use Rough’s (p. 87, MARQUIS Manual) formula to justify the use of pharmacy staff in eMedRec.