Design of the UMAB Questionnaire Phase -1

- Completion of the 52 Page version 1.9 Case Control Questionnaire.
  - Improved design, using InfoPath 2007 design tools such as repeat tables, drop down lists and check boxes, eliminating the multiple blank pages.
  - Light weight forms with loading time between 2 and 5 seconds.
  - Visual Navigation Panel to select the proper section and go to next section option
  - Using Dictionaries to eliminate errors when ever possible.
  - Automatic save feature just like any other office application. User can set up the time interval, when the application will save the data automatically.
  - Submit function where application confirms that all required data was entered.
  - Visual color code for required data (in red)
  - Digital signature
  - Sound integration for recording the complete session for later playback (depended on disk space).

Attachment No. 11a: First stage of final redesigns to complete and activate the Table-PC for computerizing questionnaires in the field.

Design of the UMAB Questionnaire Phase -2

- Define mapping for previous Data entered using the Epi 6.1 software.
- Generate Standard Reports   for printing Tablet-PC data.
- Generate a centralized Database for new Questionnaire data.
- Build a process and merge all Tablet Data into the centralized database.
- Build an application to Verify /Edit the Data entered.
- Centralize all dictionaries in on Access Database that will update the Tablet-pc's with new codes.
- Users should be able to:
  - Query the Database from the tracking system.
  - Remove PHI data.
  - Export Sets to LHC on a regular period of time.

Attachment No. 11b: Second stage of final redesigns to complete and activate the Table-PC for computerizing questionnaires in the field.