Implementing Medical Care Surveys
Using DEP and Manipula

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Outline

• Introduction
• Requirements
  • Manipula for data collection
  • Modelibrary
  • Navigation
• Conclusions
Introduction

- **Instruments**
  - NAMCS and NHAMCS
    - Office based - Doctors
    - Departments - Hospital
  - Relationship among these survey
    - Very similar and yet Different
    - Share same code for different instruments

- **Architecture of PRF’s**
  - Relational approach
  - Flexibility to allow up large number of PRF’s
Introduction (cont)

Instruments Architecture
Manipula for data collection

- Updating same information at different times
  - Rules & Function keys
    - First visit vs subsequent visits
  - The use of Dialog boxes
    - No need to duplicate variables
  - Some issues in the dialog boxes
    - Some work around implemented
- Parallel Tab and Dialog boxes
  - PRF’s navigation
  - Menu navigation
- Other Uses
  - Contact information
  - Office schedule
  - Parameterized based on the survey
  - Sampling routine
Manipula for data collection
Cont.

• Manipula useful for:
  • Status of Patient Record Form
    • Critical PRF information
    • Functionality to jump to PRF from report
  • Data Collection of PRF in a relational approach
    • Handling large amount of forms, 150 per Department with a total of 450 PRF as total.
Modelibrary

- Standard Screens until now
  - Three areas in the Infopane, Question text, Answer List & Formpane
  - Screen changing as data is collected
- Modifications
  - Expanding the controls and how they are used
    - Grid
      - Columns and Rows
    - InfoPane
      - Suppressing this control open others
    - Fieldpane
      - While a heavy work is done at front, this is re-usable
Modelibrary Cont

Grid displaying 2 columns and 4 rows

With a total of 8 questions on the form
In order to get the paper form layout, Infopane is visible but no size is given.
Fieldpane controls used
## Navigation shortcuts

### What is the correct address?

- Enter 1 to update the CHC name, address, and phone

<table>
<thead>
<tr>
<th>Classify Center</th>
<th>Address Ver</th>
<th>New CHC Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

© 1. Enter 1 to update CHC information
© 2. Update complete, continue interview
Conclusion

• Utilizing Blaise Capabilities
  • DEP and Manipula a powerful combination
  • Open the doors to new layout Modelibrary

• Project was successful
  • Meet our sponsors expectations

• Moving forward
  • Implementing keystrokes in the Dialog boxes
  • Re-abstraction Instruments
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