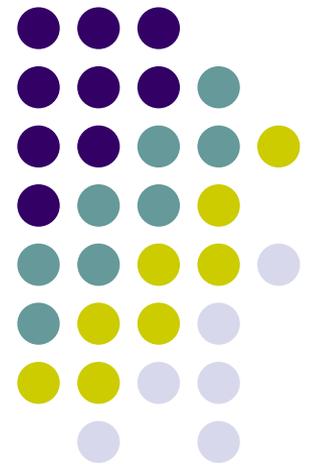
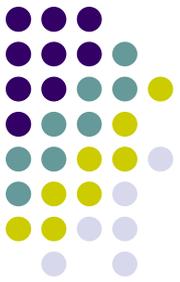

**Brigham and Women's
Rheumatoid Arthritis
Sequential Study
(B.R.A.S.S)**



AGENDA

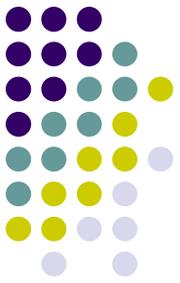


- BWH
 - Data Collection (Nancy Maher)
 - Data Cleaning (Roberta Glass)
 - Analysis Files (Roberta Glass)
- MPI
 - Children's Dataset (Jigna Narang)
 - Derived Datasets (Jigna Narang)
- Other
 - Papers and Abstracts (Jigna Narang)
 - eRoom demonstration

BWH – Data Cleaning

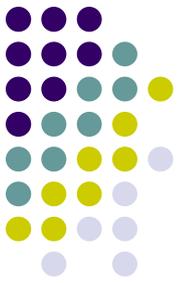


- Interview and Self-Administered Survey
 - “Bubble forms”
 - Scanned twice and differences resolved
 - Cleaned in batches using SAS macros (illegal values, missing information, inconsistent data)
 - Electronic Interviews (Years 3 and 4)
 - Access applications enforce skip patterns and legal values
 - Cleaned in batches using SAS macros
- MD Clinic Visit Data
 - Paper form
 - Each form entered twice by different research assistants into Access application and differences resolved
 - Cleaned in batches using SAS macros



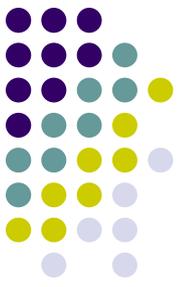
Data collection

- Baseline and annually collected in the clinic during a regular office visit:
 - Interviewer administered questionnaire
 - Patient self-administered questionnaire
 - Physician questionnaire
 - Specimens



BWH – Analysis Files

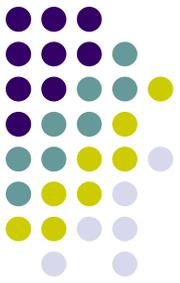
- SAS Analysis files delivered to MPI as they are cleaned
- Variables named consistently over time
- Data dictionary in Access
 - Includes question number of each interview/form, question, and meaning of codes
- Custom extracts for analysis projects delivered in SAS, SPSS, or Excel



Children's Data

- 1 Serum aliquot is sent from central lab to Children's hospital:
 - Assays are run at Dr. Nader Rifai's lab.
 - Anti-CCP
 - Ultra-sensitive CRP
 - Rheumatoid Factor (only visit 1 and some of visit 2)
 - Data transfers are sent to Millennium and then loaded to the ERoom by visit.

BRASS SAS scripts:



- Visit 1_derived_file
- Visit 2_derived_file
- Visit 3_derived_file
- 1-2-3- visits merge file
- These files are used to calculate variables and to attach an extension to the variable based on the visit.
 - ie: DAS28_CRP_v1 DAS28_CRP_v2 DAS28_CRP_v3

Derived Datasets



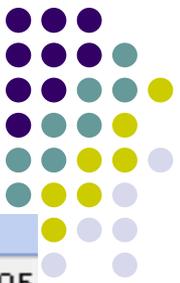
- Calculated Variables:
 - ACR scores 20, 50, 70 (calculated Δ)
 - ACRN (continuous variable)
 - Tender, Swollen and Replaced Joint counts
 - DAS 28
 - MDHAQ score
 - Current RA Flare
 - Current users of NSAIDS
 - Current users of DMARDS (Not including MTX)
 - Current users of MTX
 - Current users of ANTI-TNF
 - Current users of Corticosteroids

Presentations



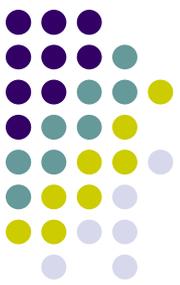
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<input type="checkbox"/>  Reg Affairs Staff Meeting 03 25 04 JLH.ppt 	18 May 05 2:31pm
<input type="checkbox"/> ▶  TxP - Gender analysis on PBMCs & whole blood - Singh.ppt 	18 May 05 2:32pm
<input type="checkbox"/>  Using Flow Cytometry for the Discovery of Biomarkers in the Prospective RA Therapeutic Study.ppt 	20 May 05 10:11am
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2004 ACR Conference

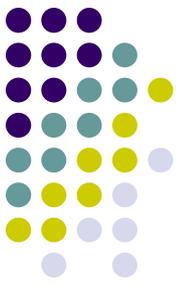


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<input type="checkbox"/> Izmailova Chun serum markers final 5-13-04.doc	18 May 05
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2006 ACR Conference



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Experimental Raw Data:

- Location
 - My eRooms > BWH RA Registry > Documents and Data > Data Folder > Experimental Data for Transfer to BWH
- Experimental Data
 - Expression profiling
 - Genetic Data
 - Proteomic Data
 - FACS (20 gb)