**Part 1: Validate and Verify Data and Grading Criteria**

They are all synthetic beneficiaries meant to represent actual beneficiaries.  
In order to protect the privacy of beneficiaries and to greatly reduce the risk of re-identification.

Demographic, Clinical, Economic/financial, Multivariate modelling

From existing 5% CMS research sample1 and from existing Basic Stand Alone  
(BSA) Medicare Claims Public Use Files (PUFs).

**Step 2: Validation of Clinical Data**

Almost 100% match.

White mainly.

Unknown parts identified.

**Part 2: Why Doctors Hate Their Computers**

John Cameron – Lack of computer support and analysis of his condition.

Design a complete patient system and fast retrieval results for better diagnosis and care. Leave more room for interaction.