Vision for PACE Data Environment, PACE Quantum and the Common Data Set

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Vision for PACE Data Environment

Processes and systems created to collect standardized data which can be used to address operational and strategic challenges. Specifically for:

• Creating a platform to comply with a growing range of CMS (Econometrica) and State Agency data and benchmarking mandates

• Generating standard indicators to provide management the ability to measure and compare their PACE organization’s performance and implement required modifications

• Supporting PACE organizations internal quality improvement programs and creating channels for PACE Organizations to share effective practices

• Allowing efficient, meaningful, timely and accurate benchmarking which is aligned with financial data to understand utilization patterns and associated expenses

• Accurately describing and comparing PACE enrollees to other populations to understand the participant profile best served by PACE

• Supporting the universal adoption of PACE specific EHRs

• Supporting NPA advocacy efforts and research activities
Unable to Create New Benchmarks
• To define population
• To measure PACE value

Non-standard EHR
• No centralized data source
• Fragmented data

Current Systems and Processes in Optimal and Current Data Flows

Outcomes
Econometrica and other indicators developed to demonstrate PACE performance

Legend
Optimal
Current

EMR
EMR vendors are partners in this initiative requiring their products to be configured

DataPACE3
Allows collection of new data elements and increased flexibility to customize reports

Common Data Set
Uniform participant assessment and service utilization data

DataPACE2
• Crosswalk data challenging
• Data validation issues

Multiple Sources of Data
• Data quality issues in the data submitted

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PACE Quantum

- PACE Quantum is the effort undertaken by NPA to integrate data sources and systems in an optimal data flow to support enhancements in PACE quality, performance, value, awareness, outcomes, and advocacy.

- It is a 3 pronged effort undertaken by NPA.

- These are 3 blocks that need to be created to realize the PACE Data Vision:
  - Implement a new system called DataPACE3 (DP3)
  - Develop standardized data sets called Common Data Set (CDS)
  - Encourage EHR products to support standardization
The 3 initiatives are for distinct entities that are linked together in a process.
DataPACE3

• Improved system offering
• Members can create customized benchmarking reports “on the go” according to their specific needs
• Collection of new data elements as PACE needs evolve
• Ability to create new benchmarks in support of federal and state mandates and evolving PACE needs
• Architecture allows flexibility to generate reports in support of membership and advocacy needs
• Supporting the universal adoption of PACE specific EHRs is a central tenet in the PACE Quantum initiative

• Goal is the expansion and evolution of the EHR market

• EHR vendors need to be willing to partner with their PACE clients to configure their EHR products

• NPA does not currently have a relationship with EHR vendors but is engaging with them to discuss implementation

• It is in the power and interest of PACE organizations to encourage their vendors to configure their systems to provide data in compliance with the CDS
The PACE Common Data Set is a set of standard data items and definitions that will be collected by all participating PACE Organizations and submitted to NPA in compliance with protocols to which all stakeholders have agreed

• Developed by NPA under the guidance of PACE professionals from different disciplines
• Data elements in the PACE organization usual operations have been included
• Data elements in existing assessment tools have been included while taking care to retain their integrity
• Data elements to generate measures mandated by Econometrica incorporated

CDS I: about 100 elements of assessment and demographic data
CDS II: about 60 elements of service and utilization data
Common Data Set - Detail

Common Data Set

Common Data Set I
Participant Characteristics

• Enrollment
• Assessment
• Services Received 12 Months Prior to Enroll
• Diagnosis List
• Medication List
• OTC List
• Falls
• Bladder Devices
• Pressure Ulcers

Common Data Set II
Participant Experience

• Services (mostly similar to data feeds currently submitted into DP2)
• Services (from Super Bills)
• Admits (expanded version of current submission into DP2)
Strategy Used to Develop the Common Data Set

- An analysis was conducted on current data standards and practices in PACE, as well as existing geriatric assessment and service data sets and definitions
- Identified issues in the existing data flow and designed the optimal future data flow process to achieve PACE objectives
- Constituted the Data Project Steering Committee (DPSC) ensuring representation from all types of PACE Programs and functional areas
- In collaboration with the DPSC, selected data elements of relevance to PACE from the comparison of existing geriatric assessments as well as other data elements widely considered necessary to generate measures anticipated to be endorsed by CMS
- Created file layouts in partnership with IT professionals from PACE Programs
- Solicited and incorporated inputs from PACE Programs to arrive at standardized definitions of services offered to the PACE participant
Common Data Set – an Example of how a Data Point was included

An example of how the Data Project Steering Committee decided on the data elements associated with ‘Place of Residence at Enrollment’ that are included in the Common Data Set.

**Considerations**
- Housing situations are very unique from one PACE program to another.
- If all unique options are included the list can potentially contain 100s of options.
- Benchmarking is not possible if all unique options are captured individually.
- Compromises must be made in instances like this to create a livable concise list of options for benchmarking and comparison.

**Options Included in Common Data Set**
- Residence owned by the Participant or family
- Rented Residence at Market Rate
- Rented Residence (HUD supported Section 202 housing (Section 8 assistance))
- Family member’s residence
- Assisted living or board and care facility
- Group home except foster care
- Foster care in a group home
- Nursing home
- Congregate Housing (co-located PACE services offered around the clock)
- Other (specify)
Common Data Set – Some Thoughts

• The Data Items are not new. These come from assessments used in geriatric care
• The Common Data Set will not impose additional reporting requirements. Rather, it will facilitate the reporting already being done by rendering it more meaningful and comparable
• Data Items from the Econometrica draft document have been incorporated and flagged. Subsequent documents sent by CMS are being reviewed
• We will be creating a Common Data Set manual that will contain definitions and concise descriptions for all data points and variables
• Engage with your EHR vendor: emphasize the importance of the adoption of Common Data Set to your organization and the PACE market in general
PACE Quantum – Milestones
DataPACE3

Completed
- All structures created
- Benchmark testing completed for 1 quarter

Ahead
- User interface under development – Spring 2016
- Member training on loading data – Winter 2015/2016
- Member training on using interface – Spring 2016
PACE Quantum – Milestones
EHR

Completed
• CDS shared with vendors
• Compatibility draft completed

Ahead
• Get input on CDS and Compatibility draft and make changes – Spring/Summer 2016
• Conduct compatibility testing – Summer 2016
PACE Quantum – Milestones
Common Data Set

**Completed**
- CDS shared with members
- Several webinars conducted*

**Ahead**
- Create structure in DP3 after input received from members and vendors – Summer 2016

*Presentation slides and recordings of previous webinars available on NPA web site
Questions?

• Comments?

• Suggestions?

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• Thank you!