

MUCH MORE THAN I.T.

POSSIBILITY

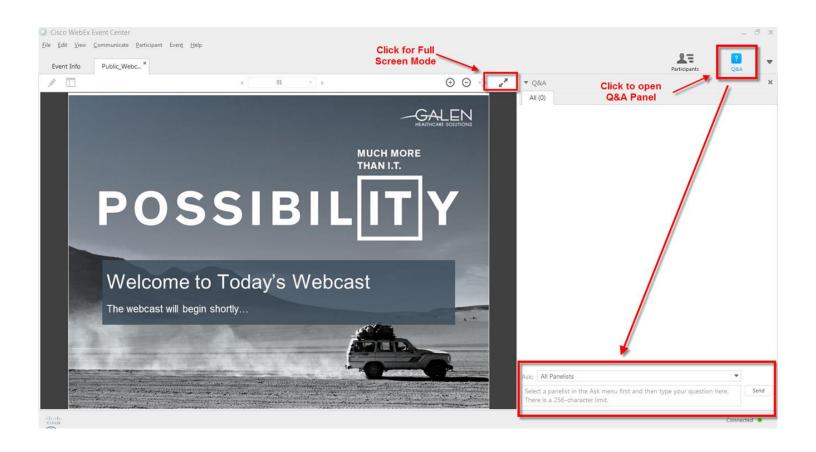
UNLOCKING NOTE DATA FOR QUALITY REPORTING

Allscripts v11 Note Form Reporting





You have been automatically muted. Please use the Q&A panel to submit questions during the presentation



Today's Presenters



Phil Anderson, Technical Consultant

- 2.5 years at Galen
 - Integrations / Interface Development
 - HIE Onboarding
 - Custom Development

Liza Webster, Technical Consultant

- 1.5 years at Galen
 - Data Migrations
 - Custom Development
 - Note Form Reporting Support



Objectives



- Current Challenges with Quality Reporting Programs
- Challenges Reporting from Allscripts v11 Note Data
- Note Form Reporting Solution Overview
- Use Cases and Examples using Note Form Reporting
- Q&A



Quality Program Reporting



Challenges

- Multiple programs (PQRS, PCMH, PCSP, ACO, HEDIS, MU)
- Methods to collect/submit data may vary for each program
- Multiple reports to review for the big picture
- Falling behind in a quality can cause financial impact to an organization



Note Form Reporting Overview



Note Form Reporting

Unlock the value of v11 Data



Allscripts v11 Note Form



↑Falls Risk Screening: ——		
<u>Falls in Past Year</u>		
None	Without Injury: 🔘 1 💿 2+	With Injury: 0 1 0 2+
Fall Risk Factors:		
Polypharmacy	Mobility Impairment	N Antihypertensive Use
Y Sedative Use	N Alcohol Use	N Postural Hypotension
WN Urin. Incontinence	Y Deconditioning	Y N Up&Go Test Unsteady or >30sec
	Cognitive Impairment	N Antidepressant Use
Home Safety Risk Factors:		
Y Loose Rugs	Uneven Floors	■ N Household Clutter
N Poor Lighting	Y No Grab Bars, Bathroom	Y N No Stair Handrails
Unfamiliar Surrounding	s	
Overall Fall Risk Assessment:		
Increased Falls Risk	O Low Moderate	High (any fall with injury OR 2+ falls)

Allscripts v11 Note Form



^Falls Risk Screening: —— Falls in Past Year				
None	Without Injury: 0 1	2+	With Injury:	
Fall Risk Factors:				
N Palypharmacy	Mobility Im	pairment	N Antihy	pertensive Use
Y Sedative Use	N Alcohol Us	se	N Postur	al hypotension
Urin. Incontinence	Y 📗 Deconditio	oning	₩ N Up&G	o Test Unsteady or >30se
N Visual Impairment	N Cognitive I	Impairment	N Antide	pressant Use
Home Safety Risk Factors:				
Y Loose Rugs	N Uneven Fl	oors	N House	hold Clutter
N Foor Lighting	Y No Grab B	Bars, Bathroom	Y N No Sta	air Handrails
N Unfamiliar Surroundi	ngs			
Overall Fall Risk Assessment:				
Increased Falls Risk	O Low O Mo	derate 🔘	High (any fall wi	th injury OR 2+ falls)

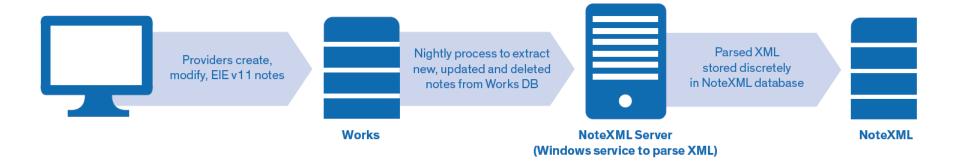
Note Form stored as XML



```
<Control name="TextFinding298" hasdata="Y" type="GroupItem" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y"</pre>
         forceparagraph="N" startnewsentence="N" commadelimited="Y" qualifier="None" UniqueID="625131e6-5281-4102-8e3b-3a53a5a5b50c">
         <FNT&gt;&lt;!&gt;no polypharmacy
 <Property name="DisplayName">Polypharmacy</Property>
  <Property name="ReverseMeaning">False</Property>
  <Property name="OrigValue">Unchecked</Property>
  <Property name="Detail">False</Property>
  <Property name="Yes">False</Property>
 <Property name="No">True</Property>
  <Property name="ValueField" />
  <Property name="MedcinID">0</Property>
  <Property name="PositiveText">polypharmacy</Property>
  <Property name="NegativeText">no polypharmacy</Property>
  <Property name="PositiveSnomed" />
  <Property name="NegativeSnomed" />
  <Property name="PositiveLOINC" />
  <Property name="NegativeLOINC" />
  <Property name="id">10811300017</Property>
 <Property name="origid">10779700091</Property>
</Control>
<Control name="TextFinding303" hasdata="Y" type="GroupItem" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y"</pre>
         forceparagraph="N" startnewsentence="N" commadelimited="Y" qualifier="None" UniqueID="501d90b4-8b7f-4114-82eb-305f8c75d1d7">
         &lt:~a~&gt:sedative use&lt:~a0~&gt:
 <Property name="DisplayName">Sedative Use</property>
  <Property name="ReverseMeaning">False</property>
  <Property name="OrigValue">Checked</Property>
  <Property name="Detail">False</Property>
  <Property name="Yes">True</Property>
  <Property name="No">False</Property>
  <Property name="ValueField" />
  <Property name="MedcinID">0</Property>
  <Property name="PositiveText">sedative use</Property>
  <Property name="NegativeText">no sedative use</Property>
  <Property name="PositiveSnomed" />
  <Property name="NegativeSnomed" />
  <Property name="PositiveLOINC" />
  <Property name="NegativeLOINC" />
  <Property name="id">10779700093</Property>
  <Property name="origid">10779700093</Property>
</Control>
```

Note Form Reporting Process







Note Form Reporting Benefits



Benefits

- Any data point can be captured
- NFR can pull from any data element in a NoteForm
 - Check box
 - Radio button
 - Yes/No button
 - Drop down
 - Free text
- Automated, scheduled extraction process
- Can accommodate new or updated note form templates.



NFR Technical Server Specifications



Server Specifications

- SQL 2008-2012
- 4+ processor cores
- 16GB RAM
- C:\ drive OS 80G
- D:\ SQL data 350GB
- Virtualization is supported



Note Form Reporting Solution



- Interpret XML Schema and transforms semi-structured data to discrete data
- Automate the process of extracting and converting v11 Note data
- Optimize clinical data capture workflows directly in the Note Authoring Workspace
- Streamline efforts to capture and report data related to Quality Reporting Programs



NFR Quality Program Use Cases



Use Cases



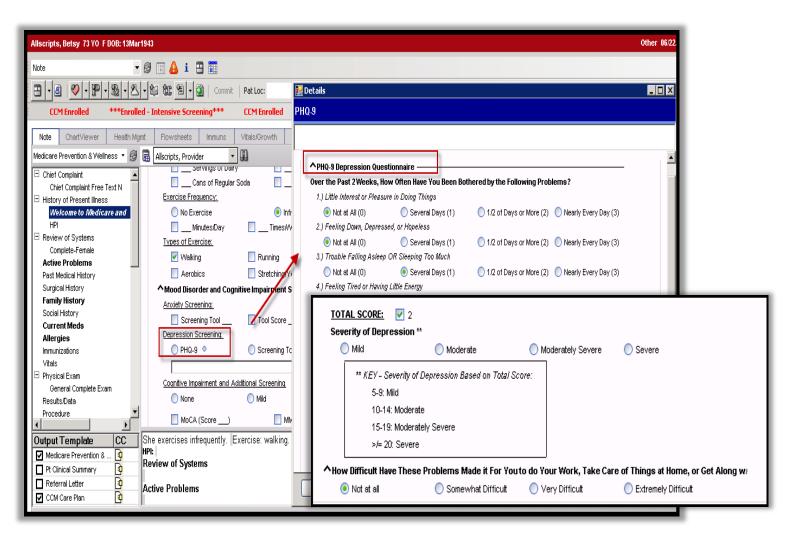


Quality Programs

- PCMH 3C9
- PQRS -134, 367, 370, 371, 411
- NQF's 418, 710, 711, 712
- ACO 18
- CPC Plus
- Medicare Advantage- Wellness Exams (IPPE)











```
Form id="c13389b2-cdcd-4f58-b0f5-127118e0ccef" name="PHO-9DepressionOuestionnaireForm" type="Form" font="" size="8" indent="" bold="Y" bullet="N" newline="N" forceparagraph="Y" startnewsenten
PHQ-9 Depression Questionnaire: <a href="Photo: Photo: Photo: Property name="IllustrationID" /></a>
 <Property name="IllustrationName" />
 <control name="GroupHeading1" hasdata="N" type="GroupHeader" font="" size="8" indent="" bold="Y" bullet="N" newline="N" render="N" forceparagraph="N" startnewsentence="N" commadelimited="N"
     <Group name="GroupHeading1Positive" render="Y" size="8" indent="" newline="N" />
 <Control name="GroupHeading2" hasdata="N" type="GroupHeader" font="" size="8" indent="" bold="Y" bullet="N" newline="N" render="Y" forceparagraph="Y" startnewsentence="N" commadelimited="N"</pre>
     Over the past 2 weeks, how often have you been bothered by the following problems?<Group name="GroupHeading2Positive" render="Y" size="8" indent="" newline="N" />
 </Control>
 <Control name="GroupHeading3" hasdata="N" type="GroupHeader" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y" forceparagraph="Y" startnewsentence="Y" commadelimited="N"</pre>
   1.) Little interest or pleasure in doing things? Group name="GroupHeading3Positive" render="Y" size="8" indent="" newline="N">
           <GroupItem name="TextFinding1" taborder="3" posneg="N" qualifier="None" />
      <Control name="TextFinding1" hasdata="Y" type="GroupItem" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y" forceparagraph="N" startnewsentence="N" commadelimited="N" question for the size of the s
         <FNT&gt;&lt;!&gt;Not at all<Property name="DisplayName">Not at All (0)</Property>
          <Property name="ReverseMeaning">True</Property>
          <Property name="OrigValue">Checked</Property>
          <Property name="Detail">False</Property>
         <Property name="Yes">True</Property>
          <Property name="No">False</Property>
          <Property name="ValueField" />
          <Property name="MedcinID">0</Property>
         <Property name="PositiveText">Not at all</Property>
         <Property name="NegativeText" />
          <Property name="PositiveSnomed" />
          <Property name="NegativeSnomed" />
          <Property name="PositiveLOINC" />
          <Property name="NegativeLOINC" />
          <Property name="id">10779700021</Property>
          <Property name="origid">10779700021</Property>
      </Control>
      <Control name="TextFinding4" hasdata="N" type="GroupItem" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y" forceparagraph="N" startnewsentence="N" commadelimited="N" group forceparagraph="N" startnewsentence="N" commadelimited="N" pold="N" bullet="N" newline="N" render="Y" forceparagraph="N" startnewsentence="N" commadelimited="N" group forceparagraph="N" startnewsentence="N" group forceparagraph="N" startnewsentence="N" group forceparagraph="N" startnewsentence="N" group forceparagraph="N" group forceparagraph="N"
      <control name="TextFinding3" hasdata="N" type="GroupItem" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y" forceparagraph="N" startnewsentence="N" commadelimited="N" (
      <Control name="TextFinding2" hasdata="N" type="GroupItem" font="" size="8" indent="" bold="N" bullet="N" newline="N" render="Y" forceparagraph="N" startnewsentence="N" commadelimited="N"</pre>
     <RenderText>\par 1.) Little interest or pleasure in doing things? &lt;~FNrmSort~&gt;&lt;~FNrmSort~&gt;&lt;FNT&gt;&lt;FNT&gt;&lt;FNT&gt;Not at all&lt;~FNrmSort0~&gt;&lt;~FNrmSort0~&gt;.
       <ProcessRenderText>Y</ProcessRenderText>
 </Control>
```





	PatientMRN	Patient Name	FomDisplayName	DTTM	Question	Option	Answer
1	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	1.) Little Interest or Pleasure in Doing Things	Not at All (0)	Yes
2	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	2.) Feeling Down, Depressed, or Hopeless	Not at All (0)	Yes
3	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	3.) Trouble Falling Asleep OR Sleeping Too Much	Several Days (1)	Yes
4	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	4.) Feeling Tired or Having Little Energy	Not at All (0)	Yes
5	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	5.) Poor Appetitie OR Overeating	Not at All (0)	Yes
6	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	6.) Feeling Bad About Yourself or That You are a F	Not at All (0)	Yes
7	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	7.) Trouble Concentrating on Things, Such as Rea	Several Days (1)	Yes
8	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	8.) Moving or Speaking so Slowly that Other Peopl	Not at All (0)	Yes
9	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	TOTAL SCORE:	_	2
10	ZZZTW03	Allscripts, Betsy	PHQ-9 Depression Questionnaire	2016-06-22 18:12:00.000	How Difficult Have These Problems Made it For Y	Not at all	Yes





	PatientMRN	Patient Name	FormDisplayName	EncounterDTTM	Question	Answer
1	ZZZTW07	Allscripts, Diana	PHQ-9 Depression Questionnaire	2016-07-20 15:04:00.000	TOTAL SCORE:	20
2	ZZZTW02	Allscripts, Amber	PHQ-9 Depression Questionnaire	2016-07-20 15:08:00.000	TOTAL SCORE:	8
3	ZZZTW04	Allscripts, Brad	PHQ-9 Depression Questionnaire	2016-07-20 15:09:00.000	TOTAL SCORE:	12
4	ZZZTW05	Allscripts, Cameron	PHQ-9 Depression Questionnaire	2016-07-20 15:11:00.000	TOTAL SCORE:	19
5	ZZZTW08	Allscripts, Douglas	PHQ-9 Depression Questionnaire	2016-07-20 15:13:00.000	TOTAL SCORE:	18
6	ZZZTW18	Allscripts, Paullette	PHQ-9 Depression Questionnaire	2016-07-20 15:14:00.000	TOTAL SCORE:	14
7	ZZZTW15	Allscripts, Nathan	PHQ-9 Depression Questionnaire	2016-07-20 15:16:00.000	TOTAL SCORE:	27

⊞ F	Results Messages							
	Patient MRN	Patient Name	FormDisplayName	EncounterDTTM	Question	Answer		
1	ZZZTW07	Allscripts, Diana	PHQ-9 Depression Questionnaire	2016-07-20 15:04:00.000	TOTAL SCORE:	20		
2	ZZZTW05	Allscripts, Cameron	PHQ-9 Depression Questionnaire	2016-07-20 15:11:00.000	TOTAL SCORE:	19		
3	ZZZTW08	Allscripts, Douglas	PHQ-9 Depression Questionnaire	2016-07-20 15:13:00.000	TOTAL SCORE:	18		
4	ZZZTW15	Allscripts, Nathan	PHQ-9 Depression Questionnaire	2016-07-20 15:16:00.000	TOTAL SCORE:	27		



Falls Risk Screening



Quality Programs

- PCMH 3C2
- PQRS 154
- ACO 13
- CPC Plus
- NQF 0101
- Medicare Advantage Wellness Exams (IPPE)



Falls Risk Screening



↑Falls Risk Screening: ——		
<u>Falls in Past Year</u>		
None	Without Injury: 0 1 2+	With Injury: 0 1 0 2+
Fall Risk Factors:		
N Polypharmacy	Mobility Impairment	N Antihypertensive Use
Y Sedative Use	N Alcohol Use	N Postural Hypotension
Urin. Incontinence	Y Deconditioning	Y N Up&Go Test Unsteady or >30sec
N Visual Impairment	Cognitive Impairment	N Antidepressant Use
Home Safety Risk Factors:		
Y Loose Rugs	Uneven Floors	N Household Clutter
N Poor Lighting	Y No Grab Bars, Bathroom	Y N No Stair Handrails
Unfamiliar Surroundin	gs	
Overall Fall Risk Assessment:		
Increased Falls Risk	Low Moderate	High (any fall with injury OR 2+ falls)

Falls Risk Screening



	PatientMRN	Patient Name	FormDisplayName	DTTM	Question	Option	Answer
1	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Falls in Past Year	2+	Yes
2	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Polyphamacy	No
3	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Sedative Use	Yes
4	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Urin. Incontinence	No
5	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Visual Impairment	No
6	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Mobility Impairment	No
7	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Alcohol Use	No
8	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Deconditioning	Yes
9	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Cognitive Impairment	No
10	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Antihypertensive Use	No
11	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Postural Hypotension	No
12	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Fall Risk Factors:	Antidepressant Use	No
13	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Home Safety Risk Factors:	Loose Rugs	Yes
14	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Home Safety Risk Factors:	Uneven Floors	No
15	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Home Safety Risk Factors:	Household Clutter	No
16	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Home Safety Risk Factors:	Poor Lighting	No
17	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Home Safety Risk Factors:	No Grab Bars, Bathroom	Yes
18	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Home Safety Risk Factors:	Unfamiliar Surroundings	No
19	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Overall Fall Risk Assessment:	Moderate	Yes

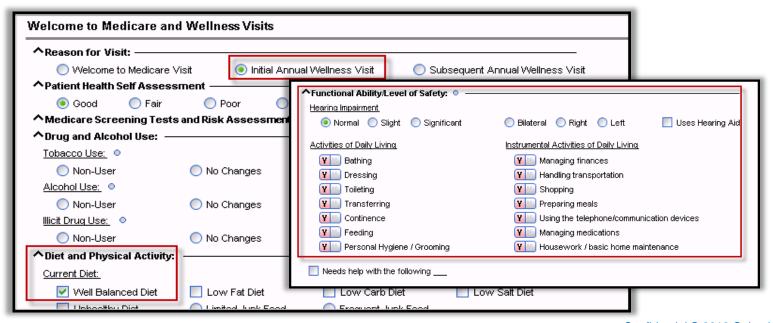


Comprehensive Assessment



Quality Programs

- PCMH 3C6
- PQRS 178
- Medicare Advantage Wellness Exams (IPPE)





Comprehensive Assessment



	PatientMRN	Patient Name	Form Display Name	DTTM	Question	Option	Answer
1	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Current Diet:	Well Balanced Diet	Yes
2	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Hearing Impairment	Nomal	Yes
3	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Bathing	Yes
4	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Dressing	Yes
5	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Toileting	Yes
6	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Transferring	Yes
7	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Continence	Yes
8	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Feeding	Yes
9	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Activities of Daily Living	Personal Hygiene / Grooming	Yes
10	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Managing finances	Yes
11	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Handling transportation	Yes
12	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Shopping	Yes
13	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Preparing meals	Yes
14	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Using the telephone/communication devices	Yes
15	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Managing medications	Yes
16	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Instrumental Activities of Daily Living	Housework / basic home maintenance	Yes

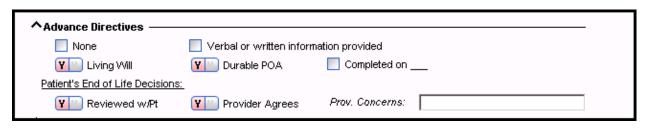


Advanced Directives



Quality Programs

- PCMH 3C5, 3A12
- PCSP 3A10
- PQRS 047
- NQF 0326
- Medicare Advantage Wellness Exams (IPPE)



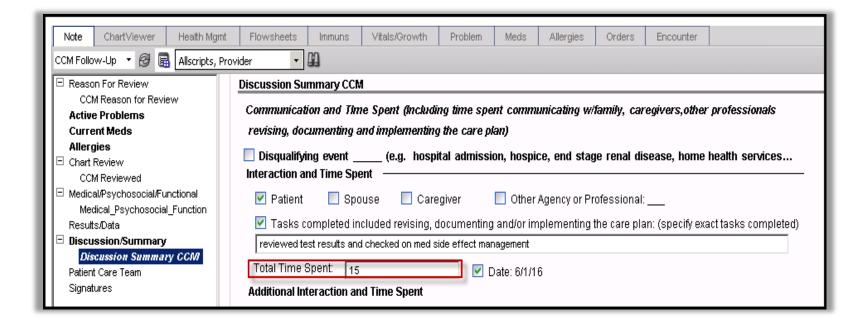
	Results Messages						
	Patient MRN	Patient Name	FomDisplayName	DTTM	Question	Option	Answer
1	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Advance Directives	Living Will	Yes
2	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Advance Directives	Durable POA	Yes
3	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Patient's End of Life Decisions:	Reviewed w/Pt	Yes
4	ZZZTW03	Allscripts, Betsy	Welcome to Medicare and Wellness Visits	2016-06-22 18:12:00.000	Patient's End of Life Decisions:	Provider Agrees	Yes



Chronic Care Management



Chronic Care Management - easily track non-face-to-face





Transitional Care Management



Transitional Care Management - easily monitor required documentation and use report to track CPT billing

TCM	
TCM	
Date of hospital discharge 5/13/	
Date of initial follow up call post discharge 5/14/1	
Patient has a visit with their provider on 5/16/16	
Patients medical complexity- high (<7 day follow up)	Patients medical complexity- medium (<14 day follow up)



Benefits of NFR for Quality Programs



Benefits

- Collect data all in one report
- Identify gaps to all programs
- Use to train clinicians and clinical staff gaps/missed opportunities
- Full picture view of all quality programs being tracked
- Streamline workflows



Poll and Q & A



Poll and Q&A



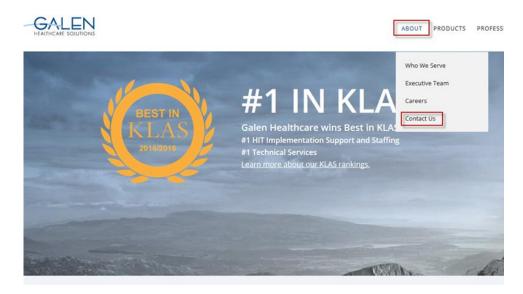


Thank you for joining us today. To access the slides from today's presentation, please visit:

http://wiki.galenhealthcare.com/Category:Webcasts

For additional assistance or to request information about our many services and products, please contact us through our website:

www.galenhealthcare.com



MUCH MORE THAN I.T.

