



## TOPIC

✔ Leveraging technology to impact quality and value: QDACT integration into the EHR

### BACKGROUND

- Prospective quality measurement is critical to the delivery of high quality palliative care and value-based payment
- The foundational work of Measuring What Matters<sup>1</sup> & the Joint Commission (JC) Advanced Certification in Palliative Care has led the way in establishing a set of national quality palliative care metrics

### PURPOSE

To integrate Quality Data Collection Tool (QDACT) into the electronic health record (EHR) to facilitate the process of utilizing a national quality data collection system in a practical and efficient manner for clinicians.

### OBJECTIVES

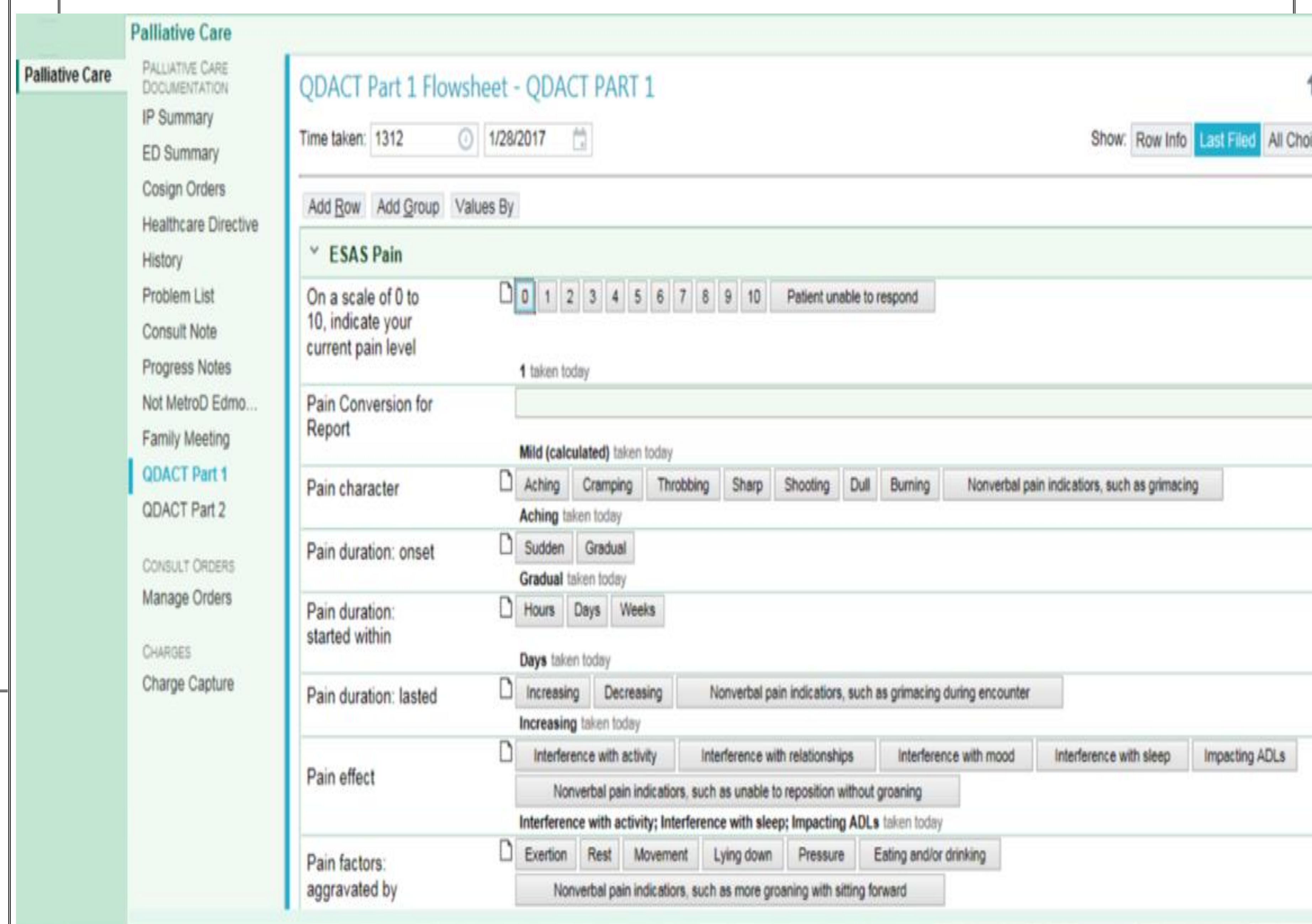
1. Discuss QDACT as a template for local and national data collection
2. Describe the process of integrating QDACT into the EHR
3. Identify lessons learned one year after integration of national quality metrics into the EHR

### CONTACT INFORMATION

Jeanie Youngwerth, MD  
 Director, Palliative Care Service  
 University of Colorado Hospital  
 12401 E. 17<sup>th</sup> Ave, Leprino F782  
 Aurora, CO 80045  
 720-848-8530  
[Jean.Youngwerth@ucdenver.edu](mailto:Jean.Youngwerth@ucdenver.edu)

### METHODS

- QDACT flowsheets were placed in the EHR under the shared Palliative Care navigator to allow clinicians from different disciplines easy access
- QDACT flowsheets were designed in a point-and-click format
- The first flowsheet was labeled QDACT Part 1 and contained data elements which were priority to collect on each encounter
- Flowsheet QDACT Part 2 contained the remaining data elements that were not necessary to capture at each encounter
- Key elements of data were selected to auto-populate into clinicians notes to improve efficiency and decrease duplication of entering information in the EHR
- QDACT data was programmed to feed into a national database registry



### REFERENCES

1. Kamal AH, Bull J, Ritchie CS, et al. Adherence to Measuring What Matters Measures Using Point-of-Care Data Collection Across Diverse Clinical Settings J Pain Symptom Manage 2016; 51:497-503.

### RESULTS

#### Joint Commission Mandatory Performance Measures \*

Month	PAL-1 Pain Screen	PAL-2 Pain Assess	PAL-3 Dyspnea Screen	PAL-4 GOC & Tx Pref	PAL-5 D/C AVS
Nov 2016 Pre	100%	X	100%	X	X
Dec 2016 Pilot	100%	57%	100%	56%	39%
August 2017 Post	100%	98%	100%	99%	100%

\*Compliance with Joint Commission measures.

### CONCLUSIONS

- Five guiding principles for EHR-QDACT integration:
1. Data would be entered by the clinician at each patient encounter
  2. User friendly process
  3. Different disciplines could access QDACT for improved efficiency and integration into the clinical workflow
  4. Data would auto-populate into clinical notes for improved efficiency
  5. Epic reports could be built to fulfill the JC mandatory performance measures reporting requirements

### TAKE HOME POINT

QDACT was successfully integrated into the EHR, streamlined into clinician workflow to improve efficiency of data collection and clinical charting, and fulfilled the documentation and tracking of the JC Advanced Certification in Palliative Care mandatory measures.