

# Utilize the EHR to advance palliative care

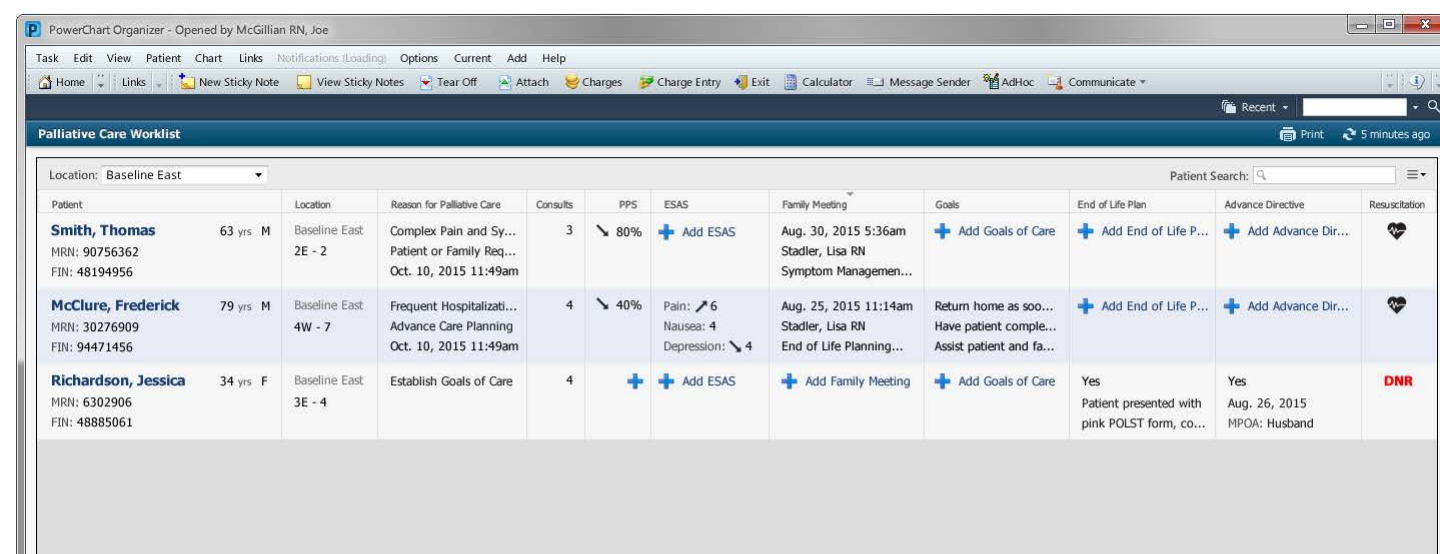
Cerner recognizes a need within the industry to electronically identify, engage and manage patients needing palliative care services so that care teams and clinicians can deliver the highest quality of care at the lowest cost. The program understands the multidisciplinary approach to palliative medicine, providing clinicians with a holistic plan of care centered on individual patient and family goals. It is Cerner's intent to focus on quality of life for patients needing palliative care services while generating the required documentation, communication, data and analytic tools to assist clinicians in accomplishing this objective.

## Objective 1 Inpatient, acute care content

More accurately monitor symptoms, support the patient's goals of care and coordinate their care as it best supports the patient and their family.

The Cerner Palliative Care solution:

- **Early electronic identification** of patients with a serious illness or disease burden
- Unique identification algorithm alerting medical staff when a patient may benefit from palliative care
- **Electronic documentation, interdisciplinary plans of care and best practice guidelines** embedded to improve the assessment of the identified patient's needs while also utilizing the domains of palliative care
- **Patient worklist** developed for palliative care clinicians to manage patients and needs in real-time



## Objective 2 Collaboration with a large health system

Utilizing Cerner's new Palliative Care electronic solution, a large, non-profit health system is partnering with an educational institution to undertake an NIH-funded clinical trial launching October 2015.

The innovative trial will be conducted at 11 of the health system's hospitals over a 3-year study period and will provide the first experimental evidence of the effectiveness of inpatient palliative care consultative services in real-world settings. Cerner's Palliative Care solution will provide some of the documentation requirements of the study.

During this collaboration, the value we expect to achieve includes the following objectives:

- Increase the **identification** of patients with a serious illness who would benefit from palliative care
- Improve the **comprehensive assessment** of identified palliative care patients' needs, utilizing the domains of palliative care
- Increase **palliative care education and awareness** to patients, caregivers/families and all clinical providers
- Decrease the **readmission rate** of patients who receive a palliative care consult
- Provide **automatic reporting capabilities** of key quality industry indicators, allowing palliative care providers more face-to-face time with patients and reducing human-error of manual process

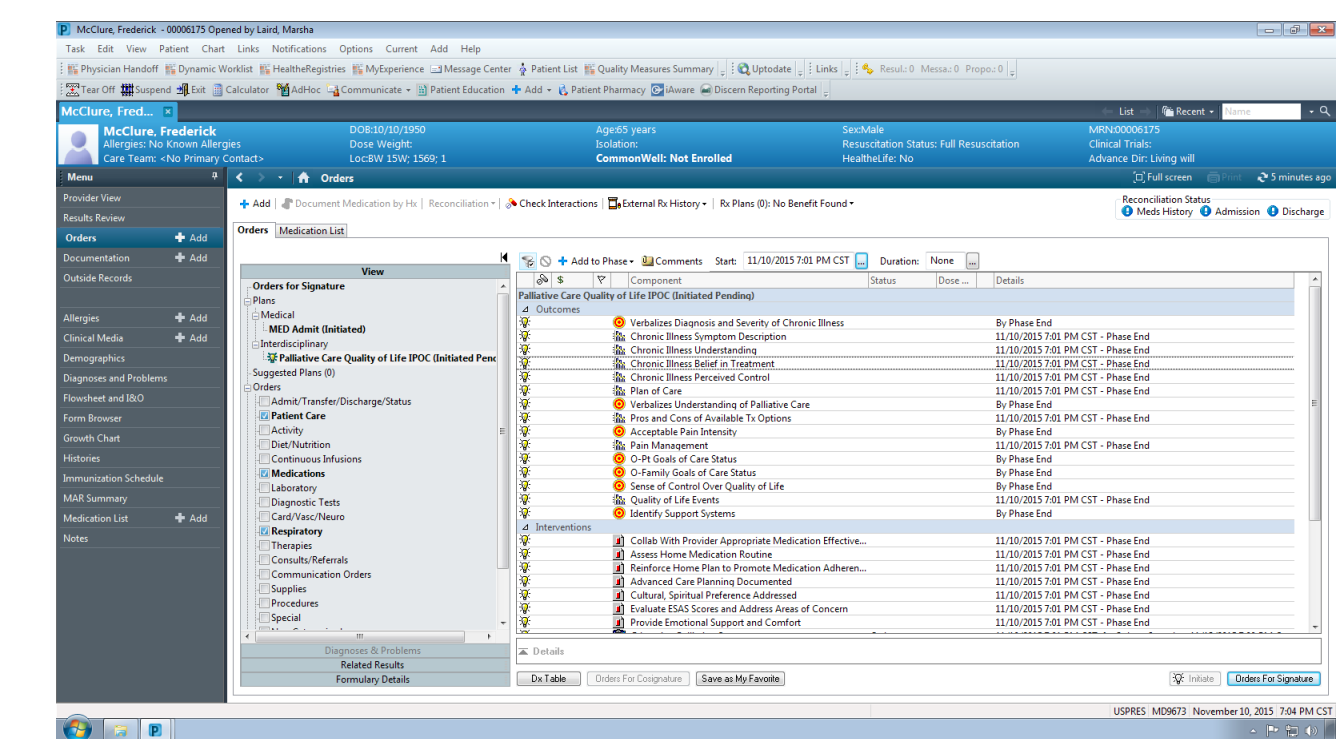
## Objective 3 Industry alignment

The Cerner Population Health organization is focused on helping clients make a transformational shift toward proactively managing people's health.

With the rapid growth of Palliative Care programs in recent years, there is clear alignment on shared objectives and a need to respond to client demands.

Cerner is committed to collaborating with industry organizations and leaders as guidelines and metrics are developed.

It is imperative that our solution fits within industry requirements and assists programs in meeting Joint Commission certification as well as national registry databases.



Patient presents to hospital    Admitting physician assesses patient    ID algorithm fires    Admitting physician orders PC consult and populates worklist    Palliative care provider consults    PC team meeting with family    Patient goals & plans of care    PCP/specialist notified of Palliative care    Symptom management    Patient & caregiver needs addressed    Analytics populated    Transition of care