This table displays examples of data elements that could potentially be used in a transitions of care use case. Each data element has a corresponding colored circle next to it that represents whether it exists as part of the United States Core Data for Interoperability (USCDI), IMPACT Act mandated Standardized Patient Assessment Data Element (SPADE), proposed CMS interoperability rule or the CMS mega rule. Please note that the data element list is not all inclusive.

There are three columns highlighted in orange to represent the three major service delivery settings in healthcare: (1) Outpatient/ Ambulatory; (2) Acute; and (3) Post Acute. Under each column is an example of the type of information that may be documented as the patient transitions through each healthcare setting. This specific information was pulled from the larger and more detailed use care. For example, in the “cognitive status” row, the physician documented that the patient is alert and oriented x3. Once the patient moves into an acute care setting, patient becomes alert, oriented x 2 and the clinicians may assess the patient using CAM and BIMS. Once the patient transitions to Post Acute Care, the patient will be assessed again using a CAM and a BIMS score.

The notes column provide links to resources, implementation guides, or any other currently ongoing efforts that attempt to address a specific data element.

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| **Key** | |
|  | USCDI (version 1, candidate status data classes or emerging data classes) |
|  | SPADE (includes proposed) |
|  | CMS Interoperability Rule (proposed) |
|  | CMS Mega rule |

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| --- | --- | --- | --- | --- |
| **Data Element** (possible element that could be represented by the use case) | **Outpatient/ Ambulatory** (includes, but is not limited to physician offices and outpatient clinics) | **Acute** (includes but is not limited to hospitals) | **Post Acute** (Includes but is not limited to skilled nursing facilities, inpatient rehab, home health, and hospice) | **Notes** |
| Cognitive Status | Alert, Oriented x 3 | Alert and Oriented x 2, CAM score, BIMS score | CAM score, BIMS score | <https://www.hl7.org/fhir/observation.html>  <http://hl7.org/fhir/us/ccda/2016Sep/Composition-ccda-referral-note-composition-example.html>  <https://hl7.org/implement/standards/fhir/2015Jan/observation-ccda-cognitivestatusresult-ccdacognitivestatusresult-definitions.html> |
| Functional status (Mobility and self-care) | Mobility: Functionally independent with the use of a cane  Self-Care: Independent | Close to discharge, patient can walk 50ft with the use of a walker. | On admission, patient can walk 50ft with the use of a walker. Close to discharge, patient has returned to being functionally independent with the use of a walker | <http://hl7.org/fhir/us/ccda/2016Sep/Composition-ccda-referral-note-composition-example.html> |
| Preferred Language  (Can be part of patient demographics) | English | English | English | <https://www.hl7.org/fhir/patient-definitions.html#Patient.communication.language>  IG: <https://www.hl7.org/fhir/us/core/StructureDefinition-us-core-patient.html> |
| Social connection/ support & isolation | Lives alone with limited support from children who reside in another state | Lives alone with limited support from children who reside in another state | Lives alone with limited support from children who reside in another state. | NHS (UK) effort to support exchange between healthcare and social care orgs   * API: <https://nhsconnect.github.io/CareConnectAPI/> (UK) * Specification: <https://data.developer.nhs.uk/specifications/sc-fhir-5/Chapter.1.About/index.html> (UK)   US effort: Occupational Data for Health  IG: <http://hl7.org/fhir/us/odh/2018Sep/> (focused on employment) |
| Special instructions for precautions for ongoing care | Isolation: standard precautions | Isolation: standard precautions | Isolation: standard precautions | See “Social connection/support & isolation” above  Personal Advance Care Plan IG: <https://www.hl7.org/implement/standards/product_brief.cfm?product_id=434> |
| DME | None | Walker | Walker | DaVinci Project  Proposed IG: <http://wiki.hl7.org/index.php?title=Fhir_dme_orders> |
| Individual goals and priorities | Connect with support groups | Return to pre-hospital level of function (independent with the use of a cane) | Remain independent and attend outpatient physical therapy | Personal Advance Care Plan IG: <https://www.hl7.org/implement/standards/product_brief.cfm?product_id=434> |
| Hearing | Full hearing in both ears | Full hearing in both ears | Full hearing in both ears | Early Hearing Detection and Intervention (newborns) IG: <https://www.hl7.org/implement/standards/product_brief.cfm?product_id=344> |
| Vision | Decreased vision in right eye | Decreased vision in right eye | Decreased vision in right eye | IG: <http://hl7.org/fhir/us/qicore/Claim-example.html> |