

What is the definition of `authordatetime`. In [Quality Data Model, Version 5.4](#) page 12 states that it is the “time a data element is documented, i.e., a single point in time.” It also states on page 39 that “some datatypes include both Relevant Time and `authordatetime` attributes. The purpose is to accommodate author datetime if the actual start and stop times are not available when evaluating for feasibility, and also to allow specification of a time for Negation Rationale.” Where I have a question is in Section 4. There are multiple references of `authordatetime` attributing to datatypes. For example, `authorstartdate` is referenced on page 15 for Datatype: Assessment, Performed.

Datatype	Definition
Assessment, Performed	Data elements that meet criteria using this datatype should document completion of the assessment indicated by the QDM category and its corresponding value set. Timing: The time the assessment is completed; Author datetime.

Using the definition on page 15 of the QDM v5.4 and looking at an example in the eSpec, such as [CMS90v8](#).

▲ PROMIS10 Total Assessment

```
[“Assessment, Performed”: “PROMIS 10 Global Mental Health Score”] PROMIS10MentalScore
with [“Assessment, Performed”: “PROMIS 10 Global Physical Health Score”] PROMIS10PhysicalScore
such that PROMIS10MentalScore.authorDatetime same day as PROMIS10PhysicalScore.authorDatetime
and PROMIS10PhysicalScore.result is not null
where PROMIS10MentalScore.result is not null
```

Is the `PROMIS10MentalScore.authorDatetime`, the time the assessment is performed and if “null” use the “time the data element was documented;” or is the `PROMIS10MentalScore.authorDatetime` the time data element was created (i.e., `authordatetime` definition in QDM 5.4)? How should we interpret the logic above?

Additionally, there can be circumstances where a provider may not enter the information in the chart on the same day. For the example, you can have a situation where a provider enters the mental score the same day as the encounter but forgets to enter the physical score until the next day. If we use `authordatetime`, the provider would not get credit, but if we use `assessment performed`, the provider would get credit.

For [CMS69v7](#), `authorstartdate` is more clearly written and aligns with its definition on page 39 of QDM v5.4. For example, the logic below states to use the `HighBMIInterventions.relevant period` and if the relevant period is null, then use the `HighBMIInterventions.authorstartdate` (i.e., the date the element was documented).

▲ High BMI Follow Up Encounters

```
"Qualifying Encounters During the Measurement Period" QualifyingEncounter
with ( ["Intervention, Order": "Above Normal Follow-up"]
union ( ["Intervention, Order": "Referrals where weight assessment may occur"] Referral
where Referral.reason in "Overweight or Obese"
)
union ["Medication, Order": "Above Normal Medications"] ) HighBMIInterventions
such that Coalesce(start of HighBMIInterventions.relevantPeriod, HighBMIInterventions.authorDatetime)12 months or less on or before end of
QualifyingEncounter.relevantPeriod
```

If there is no coalesce in the logic, should we interpret the logic for authorstartdate as the “time the data element was documented.”

Thank you.