



PA-PSRS Automated Data Interface XML Specification

Part 2 of 3 – XML Document Definition



Pennsylvania Patient Safety Reporting System

Version 6.6

October 26, 2012

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Document History

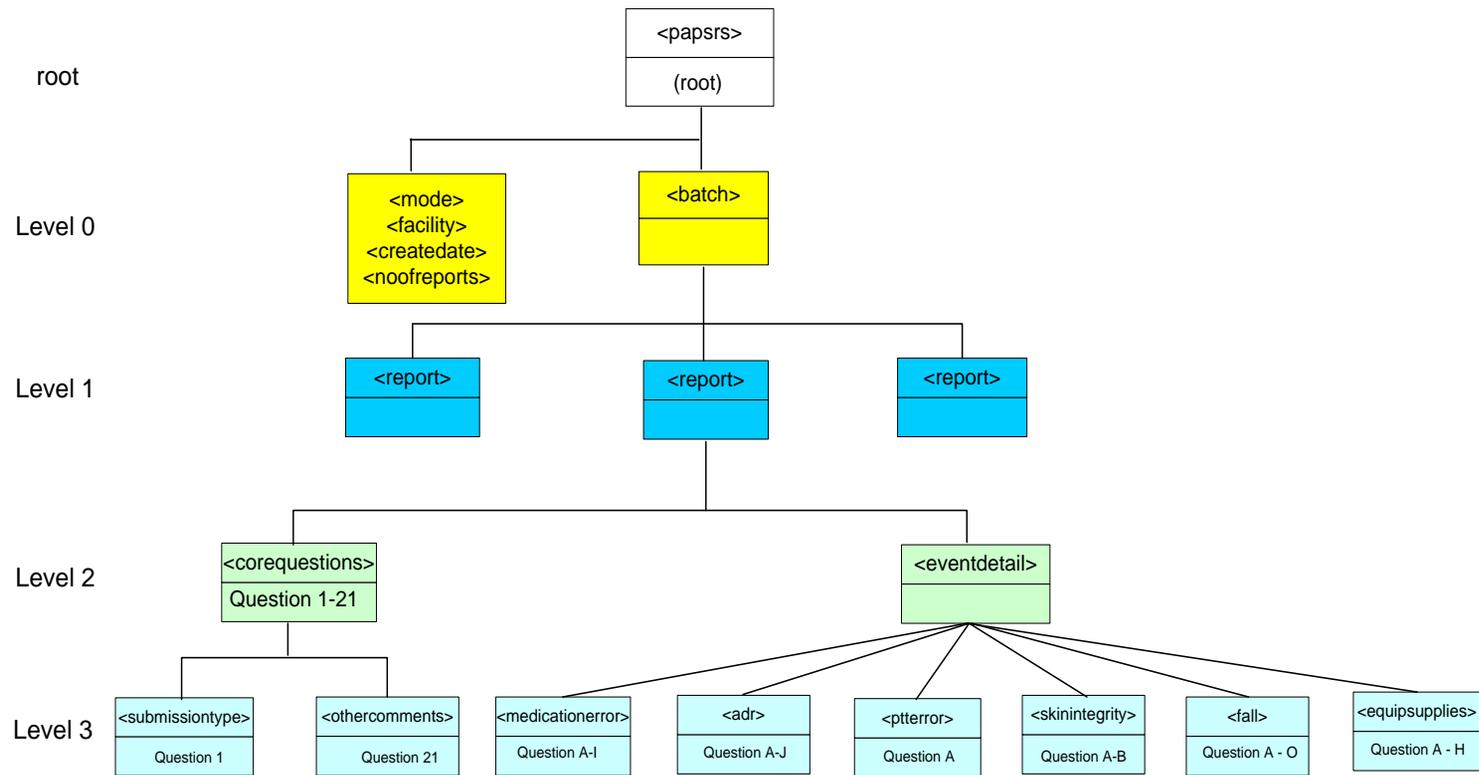
Version	Author / Date Last Updated	Description of Change
6.0	EDS – March 1, 2006	Original Document
6.1	EDS – May 26, 2006	<ul style="list-style-type: none"> • Added section 3.3 Batch Errors. This section was inadvertently absent in the 6.0 document. • Change to Section 3.2, element <error> under <report><errors>. This element will now contain the text of the entire error message. Previously the error message had to be determined by the error code. This is also now true for <batcherrors><error> found in section 3.3.
6.2	EDS – August 20, 2006	<ul style="list-style-type: none"> • Added two new optional elements to section 2.5 Medication Error Event Detail <ul style="list-style-type: none"> ○ Added reconciliation under parent element <prescribing> ○ Added reconciliation under parent element <monitoring> • Updated document to reflect a new schema version - 6.2 • Updated section 2.5 Medication Error Event Detail to reflect a wording change in Question E.
6.2	EDS – February 6, 2007	<ul style="list-style-type: none"> • Updated parent element from report to eventdetail for type attribute of the eventdetail element. This attribute was incorrectly listed as a child of the report element for the following event types: <ul style="list-style-type: none"> ○ Adverse Drug Reaction ○ Equipment ○ Fall ○ Error related to Procedure, Treatment, Test ○ Skin Integrity
6.3	EDS - August 15, 2007	<ul style="list-style-type: none"> • Changed Data Report File and Acknowledge Report File format from YYCCMMDD to YYYYMMDD (page 7) • Updated datatype to N for the following elements: level1desccode, level2desccode and level3desccode

		<p>(page 23)</p> <ul style="list-style-type: none"> Updated 'Possible value/Rules' for the medadministered attribute. Changed SHOULD to lowercase should and capitalized NOT. (page 41) Updated 'Possible value/Rules' for the medadminroute element. Changed to read, "If the answer to Question C is NO, this element is required." (page 42) Corrected typographical error in the 'PA-PSRS Intake Question / Description' section of the doseappro element. Dose was spelled wrong. (page 42) Updated element name 'none' under the prescribing parent element. This element was incorrectly named 'None' in the document. (page 45) Corrected typographical error in the element knownallergyadmin. This element was previously spelled wrong in the documentation. (page 49) Updated description of ADR Event Details. Changed from 'MAY be included' to 'MUST be included' (page 53) Updated explanation surrounding Event Details (page 37)
6.4	EDS – September 18, 2007	<ul style="list-style-type: none"> Updated XML Declaration – section 1.2.7 Declaring the XML Document (page 6) Updated 'Based on Harm Score' response under section 1.3.5 Empty Elements (page 12) Updated Schema version under section 1.5 Schema Version (pages 15 & 16) Updated <medadminroute> to MAN (page 42)
6.5	EDS – June 8, 2008	<ul style="list-style-type: none"> Updated the schema version to 6.3 in section 1.5 (page 15) Updated the values that can be submitted for the stage of a Skin Integrity event from "1 - 4" to "0 - 5" (page 66)
6.6	HP – March 18, 2012	<ul style="list-style-type: none"> Updated the schema version to 6.4 in sections 1.5 and 2.1 (pages 15 and 16) Added patient status element in section 2.3 (page 22) Updated element level3desccode to be Conditional (page 23) Added new fall details elements in section 2.8 (pages 62, 63 and 65, 66)

6.6	HP – April 25, 2012	<ul style="list-style-type: none">• Moved patient status element in section 2.3 (page 22) after care area name, instead of admission date.
6.6	HP – October 26, 2012	<ul style="list-style-type: none">• Updated Falls Details diagram

1 PA-PSRS XML Entity Definition

The PA-PSRS XML document is organized into a hierarchy tree of elements illustrated in the diagram below as root, level 0, level 1, level 2, level 3, etc. The elements are grouped according to the type of questions: core questions and event detail questions.



1.1 How to read the PA-PSRS Entity Definition Table

Column Names	Description
<i>Level</i>	Represents the level where the element is located in the hierarchy of the XML document
<i>Name Type</i>	Indicates that the definition is an element (ELE) or an Attribute (ATT) of the prior element definition
<i>Element / Attribute Name</i>	The referenced name in the XML document for an element or attribute
<i>Parent Element / Attribute For</i>	If the Name Type is "ELE" then this column refers to the element name of the Parent Element. If the Name Type is "ATT" then this column refers to the attribute name of the prior Element definition.
<i>Question / Description</i>	Data description or referenced questions corresponding to the PA-PSRS online intake question.
<i>Max Len</i>	Maximum length of the element or attribute value
<i>Data Type</i>	All values are in plain text which can either be alphanumeric (AN), numeric (N), decimal (D) or date (DATE).
<i>Req</i>	Indicates the requirement of the element / attribute: <i>MAN</i> – Mandatory <i>OPT</i> – Optional <i>SEL</i> – Select one or more of the related elements <i>CON</i> – Required only if certain condition exist or other element(s) contains a certain values
<i>Possible values/Rules</i>	Describes the possible values, element constraints, and business rules associated with the element or attribute.

1.2 Standards and Naming Conventions

1.2.1 Lowercase Standardized for Case Sensitivity

PA-PSRS XML element and attribute names are case sensitive. As a result, each of the following are considered different names because their case is different:

`</submissiontype>`

`</SubmissionType>`

`</SUBMISSIONTYPE>`

To avoid confusion, all PA-PSRS element and attribute names are standardized on **lowercase**. All facilities must follow the lower case naming convention. In the above example, `</submissiontype>` is the valid name for submission type element.

1.2.2 Legal Characters Permissibility

PA-PSRS rules concerning permissible characters on element and attribute names are as follows:

- Starting characters – The names **MUST** begin with an alphabetic letter.
- Valid characters – The names **MAY** include any alphanumeric character, underscores, hyphens, and periods.
- Invalid Characters – The names **MUST NOT** include any white space or any other special character not mentioned in the valid characters list.

1.2.3 Answers encapsulated with an XML Element

When the facility submits a report using the PA-PSRS online screen, the user is prompted to answer a series of questions using checkboxes, dropdowns and text fields. Similarly, when a report is submitted to PA-PSRS through the Data Interface system, an answer to a question is provided through a container called an *element*.

An element is made up of a *start tag*, an *end tag*, and the *content* between the two. The *start tag* is enclosed in angle brackets and is given a name that appropriately describes the PA-PSRS question to be answered. The *end tag* is also enclosed in angle brackets but is prefixed with a forward slash (/) after the opening bracket, followed by the same identifier as its companion *start tag*. The *content* is the answer to the question asked which falls in between these tags. For example, the user selected "**IN**" (Incident) as an answer to Question 1 – Report Submission Type:

<submissiontype>**IN**</submissiontype>

1.2.4 What is a PA-PSRS Element Attribute

Attributes allow for additional description of the data elements. An *attribute* consists of a name and value bound together in a *name-value* pair. The value **MUST** be enclosed with either single or double quotes. For example, the facility's internal control number (**icn**) for a report is described as an attribute of the report element:

```
<report icn="H23T45">  
{Inner child elements are inserted here}  
</report>
```

1.2.5 PA-PSRS XML document is Well-Formed

The PA-PSRS XML document contains one or more reports and strictly follows the guidelines of a well-formed XML document.

1. PA-PSRS XML document has a single root document. The "<papsrs>" tag is the root of the PA-PSRS XML document

```
<papsrs>  
{Inner child elements are inserted here}  
</papsrs>
```

2. All elements and attribute names have consistent use of **lower case**
3. All non-empty elements have a **closing tag**
4. All empty elements are terminated properly. For example, if a root cause analysis is not provided:

```
<rootcause></rootcause>
```

Or

```
<rootcause/>
```

Or

```
{Element is not provided}
```

5. Attribute values are enclosed by **quotation marks**

6. **The attribute or element values must not contain the following characters. It must be replaced by an entity references:**

Illegal Characters	Entity Reference	Description
<	<	less than
>	>	greater than
&	&	ampersand
'	'	apostrophe
“	"	quotation mark

1.2.6 Element not required for Optional Questions

If the facility does not provide an answer to an optional question, the user SHOULD NOT provide the element for the answer of the question. A missing element implies that the facility skips the question. For example, the facility does not provide an answer to the detailed question for the **manufacturer** of malfunctioned equipment and the element for the manufacturer is not provided as shown below:

```
<equipmentsupplies>
  <equipmentname>Taxus Stent</equipmentname>
  <modelno>38970-1225</modelno>
  <lotno>714-2400</lotno>
  <removedservice>714-2400</removedservice >
</equipmentsupplies>
```

Note: Due to the file size implication of the XML document, PA-PSRS does not recommend that an empty element be sent to represent a non answer to a question. For example, where a question is left blank, the facility SHOULD NOT transmit the applicable tags as shown here: <manufacturer></manufacturer>.

1.2.7 Declaring the XML documents

The PA-PSRS XML document has a structure beginning with a root element "<papsrs>." However, it MUST be preceded by an XML declaration at the top of the file as show below:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<papsrs>
<schemaversion>6.2</schemaversion>
<mode>SUB</mode>
  <facility facid="3475862"/>
  <createdate>2007-08-31</createdate>
  <noofreports>1</noofreports>

  <batch batchno="0000001" >
    <report icn="RN0001" type="NEW">
      { Inner elements describing the answer to questions are added here }
    </report>
    <report icn="RN0002" type="NEW">
      { Inner elements describing the answer to questions are added here }
    </report>
  </batch>
</papsrs>
```

1.2.8 XML File Naming Convention

Data Report File (DRF)

The *Data Report File* contains one or more reports for batched submission to PA-PSRS. The facility transmits this file through the PA-PSRS Data Interface system into their assigned "IN" directory. After PA-PSRS processes this file, it is archived and purged after one week.

The filename of the DRF file is appended with the "_drf" identifier. The file naming convention of the DRF filename is defined as follows:

- <YYYYMMDD>-<NNNNNNN>_<drf>.XML

YYYYMMDD – is the date the file was generated by the facility's internal system. This date does not represent the submission date to PA-PSRS. The submission date is based on the date the file is written in a facility's "IN" directory on the PA-PSRS server.

"-" (dash) is a constant character

NNNNNNN – is the 7 digit batched sequence number with leading zeroes. This number is incremented for each batch file sent to PA-PSRS.

"_drf" – identifies the file as a data report file for submission.

Acknowledgement Report File (ARF)

The *Acknowledgement Report File* contains an acknowledgment for each report submitted. The PA-PSRS Automated Data Interface system generates this file, and the facility must retrieve the file from their assigned OUT directory. The retention period of this file on the PA-PSRS server is one week.

The filename of the ARF file is the same as the DRF except that an "_arf" identifier is appended to the filename. The file naming convention of the ARF filename is defined as follows:

- <YYYYMMDD>-<NNNNNNN>_<arf>.XML

YYYYMMDD – is the date the file was generated by the facility's IR system. This date does not represent the submission date to PA-PSRS. The submission date is based on the date the file is written in a facility's "IN" directory on the PA-PSRS server.

"-" is a constant character

NNNNNNN – is the 7 digit batched sequence number with leading zeroes. This number is incremented for each batch file sent to PA-PSRS.

"_arf" – identifies the file as a acknowledgement report file.

1.3 Examples: Translating table definitions into XML tags

The following examples illustrate how to translate report scenarios into XML tags using the table definitions.

1.3.1 Attributes

A new report being submitted to PA-PSRS contains the following Internal Control Number "345678-2005". Based on the rules defined in the XML definition table below, the XML tags are formatted as follows:

1	ELE	report	batch	An anchor element of a report			MAN	
	ATT	icn	report	A unique Internal Control Number (ICN) assigned to each report by the facility	50	AN	MAN	The value is specific to a facility
	ATT	type	report	Indicates if this report is new.	3	AN	MAN	"NEW" – new report

```
<batch>
  <report icn="345678-2005" type="NEW">
    {Inner child elements are inserted here}
  </report>
</batch>
```

1.3.2 Selection elements

If a selection element is not selected the selection element SHOULD be omitted or passed as an empty element *with the attribute xsi:nil="true"*. However, it is recommended that it is omitted to reduce the size of the XML file. Assume a new report is to be submitted to PA-PSRS which provides the following factors that contributed to a medication error under the category *team factors: communication problems between providers, change of service, and shift change*. Based on the rules defined in the XML definition table below, the XML tags are formatted as follows:

4	ELE	teamfactors	contributing factors	Question 15a: Team Factors			OPT	
	ATT	noresponse	teamfactors	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements are not required.
5	ELE	none	teamfactors	None. If provided, all other provided elements are ignored.	1	N	SEL	"1" - Yes
5	ELE	communicationprob	teamfactors	Communication problems between providers	1	N	SEL	"1" - Yes
5	ELE	changeofservice	teamfactors	Change of service (same care area)	1	N	SEL	"1" - Yes
5	ELE	crosscoverage	teamfactors	Cross-coverage situation	1	N	SEL	"1" - Yes
5	ELE	shiftchange	teamfactors	Shift change	1	N	SEL	"1" - Yes
5	ELE	workloadincrease	teamfactors	Unplanned workload increase	1	N	SEL	"1" - Yes
5	ELE	holiday	teamfactors	Holiday	1	N	SEL	"1" - Yes
5	ELE	tbd	teamfactors	To be determined	1	N	SEL	"1" - Yes

```

<eventdetail>
  <medicationerror>
    <contributingfactors>
      <teamfactors>
        <communicationprob>1</communicationprob> ← Communication problems
        <changeofservice>1</changeofservice> ← Change of service
        <shiftchange>1</shiftchange> ← Shift change
      </teamfactors>
    </contributingfactors>
  </medicationerror>
</eventdetail>

```

The following would also be valid:

```
<eventdetail>
  <medicationerror>
    <contributingfactors>
      <teamfactors>
        <communicationprob>1</communicationprob> ← Communication problems
        <changeofservice>1</changeofservice> ← Change of service
        <crosscoverage xsi:nil="true"/> ← Cross coverage situation
        <shiftchange>1</shiftchange> ← Shift change
      </teamfactors>
    </contributingfactors>
  </medicationerror>
</eventdetail>
```

1.3.3 Based on Harm Score No response is needed

If the answer to a question is "Based on Harm Score selected, no response is needed," it must be provided as an empty element with an attribute of "noresponse." For example the Team Factors for potential contributing factors:

```
<contributingfactors>
  <teamfactors noresponse="1"></teamfactors>
</contributingfactors>
```

In contrast, if answers are provided:

```
<contributingfactors>
  <teamfactors>
    <commproblem>1</commproblem> ← Communication problem
    <servicechange>1</servicechange> ← Change of service
    <tbd>1</tbd> ← To be determined
  </teamfactors>
</contributingfactors>
```

1.3.4 None

Using the same previous definition table (Selection Elements), a new incident report is submitted to PA-PSRS which provides the following factors that contributed to medication errors under the category team factors as "None". Based on the rules defined in the XML definition table, the XML tags are formatted below:

```
...<contributingfactors>  
  <teamfactors>  
    <none>1</ none>      ← None  
  </teamfactors>  
</contributingfactors>
```

1.3.5 Empty Element

There are two formats for including an empty element to the XML document depending on the data type. If the element is defined as alphanumeric (AN), then the following format **MUST** be used: <tag/> or <tag></tag> For example:

3	ELE	recommend	corequestions	Question 13: Recommendations For System Improvement. Include any "lessons learned" and steps you are taking to prevent recurrence or a similar event in the future	500	AN	OPT	Free text
---	-----	-----------	---------------	--	-----	----	-----	-----------

<recommend/> or <recommend ></recommend >

If the element is defined as numeric (N) or date (D), it **MUST** be sent with the *xsi:nil = "true"* attribute. An event report provides the answer *Not Applicable* to the question: Admission Date. The XML tag is presented as an empty element as follows:

4	ELE	teamfactors	contributing factors	Question 15a: Team Factors			OPT	
	ATT	noresponse	teamfactors	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements are not required.
5	ELE	none	teamfactors	None. If provided, all other provided elements are ignored.	1	N	SEL	"1" - Yes
5	ELE	communicationprob	teamfactors	Communication problems between providers	1	N	SEL	"1" - Yes

<teamfactors>

 <communicationprob xsi:nil="true"/>

</teamfactors>

1.4 Error Codes

The processing status of a report is communicated to the facility using message codes. A message code conveys either a report is successfully processed or contains one or more errors. When rejected, errors are categorized according to data validation and business rule errors. The parse and validation process will verify the integrity of a report in two ways. It will verify the data supplied is valid and it will verify that the data conforms to the PA-PSRS business rules.

The error codes are formatted in an intelligent format which describes the type of error, disposition of error and where the error occurred.

<Classification>-<Function><Reason Code>-<Severity Level>

For example: V-COR010-F

<Classification> - is a one character to denote the classification of the error that occurred. The values are: "**V**" for data validation error and "**R**" for a business rule violation.

<Function> - is a three character code that indicates the level within the file or a report where the error occurred. The values are as follows:

Function	Disposition
BAT	An error occurred when validating the root level elements. Errors of this type will cause rejection of the entire batched file.
RPT	An error occurred when validating general report information.
COR	An error occurred when validating the core questions.
EVD	An error occurred when validating the event detail element
MED	An error occurred when validating the details of the medical error questions.
ADR	An error occurred when validating the details of the adverse drug reaction questions.
EQP	An error occurred when validating the details of the equipment and supplies questions.
FAL	An error occurred when validating the details of the fall questions.
PTT	An error occurred when validating the details of the procedure, treatment and test questions.
SKN	An error occurred when validating the details of the skin integrity questions.
INT	An error occurred during the intake processing of the report.

<Reason Code> - is a three digit code providing further details regarding the error.

<**Severity Level**> Errors are also classified into three levels of severity - fatal, warning, and informational. The table below describes each severity level and its processing disposition.

Severity Level	Code	Description	Disposition
Fatal	F	An error occurred which prevents the processing completion of the report.	The report is rejected for input to the PA-PSRS system. All prior transaction updates are rolled back and no updates are applied. An acknowledgement is returned to the facility with the appropriate error code and recommendation.
Warning	W	An error occurred but does not prevent the processing completion of the report.	The report is accepted into the PA-PSRS system A warning message is returned to the user as part of the acknowledgement.
Informational	I	No error occurs. The message is communicated for information purpose only.	None

1.5 Schema Version

The Patient Safety Authority will provide a schema that allows a facility to validate batch submissions before transmitting the DRF file to the PA-PSRS system. The schema will represent the current version of the PA-PSRS application software. PSA encourages the validation of DRF file against this schema, to avoid delay processing due to error validation.

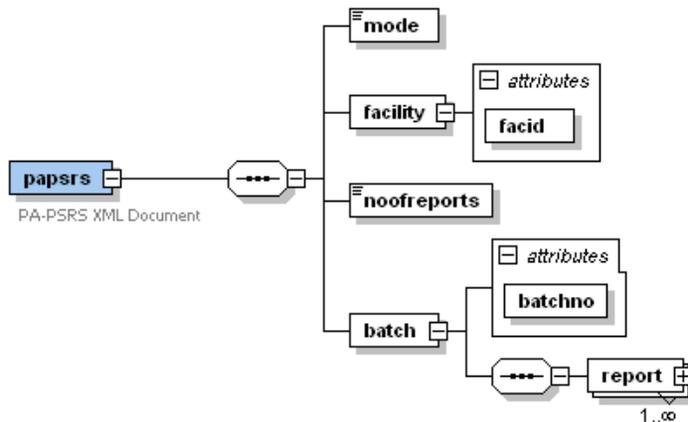
The latest version of schema used is indicated as a child element of the <papsrs> as indicated below:

```
<papsrs>  
  <schemaversion>6.4</schemaversion>  
</papsrs>
```

2 Data Report File Element Definition

2.1 Root – <papsrs>

Each batch will contain one instance of the root element, *papsrs*. The root element and its preceding child elements contain facility and batch related information that will aid in processing each report defined in the *report* element.

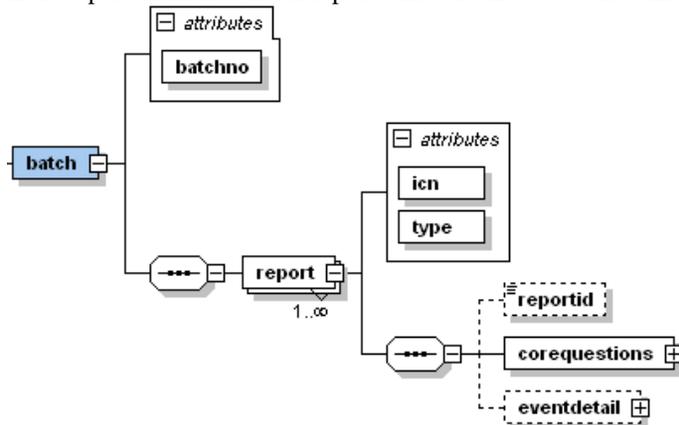


Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ROOT PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Code
root	ELE	papsrs		Serves as the root element of the PA-PSRS			MAN		
0	ELE	schemaversion	papsrs	The version of schema used to validate when this xml file was created.	5	AN	MAN	Numeric with 2 decimal places. For example, 6.4	V-BAT001-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ROOT PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Code
0	ELE	mode	papsrs	Indicates if this XML document contains reports for submission to the PA-PSRS system or contains extracts of reports from the PA-PSRS system	3	AN	MAN	"SUB" – contains reports for submission to the PA-PSRS system "EXT" – contains reports extracted from the PA-PSRS system or facility system. NOTE: "EXT" is not currently supported.	V-BAT010-F R-BAT010-F
0	ELE	facility	papsrs	Contains information of the facility who owns the reports contained in this XML document			MAN		V-BAT020-F
0	ATT	facid	facility	A unique identification assigned by the Department of Health to a facility.	8	AN	MAN		
0	ELE	createdate	papsrs	The date when the XML document is created	10	DATE	OPT	Must be in YYYY-MM-DD format. For example: For example, Sept 5, 2005 is represented as " 2005-09-05 "	V-BAT030-F R-BAT030-F
0	ELE	noofreports	papsrs	Indicates the number of reports included in this XML document	3	N	MAN	1-999	V-BAT040-F R-BAT040-F
0	ELE	batch	papsrs	Defines the container element of all the reports in this XML document			MAN	Refer to the definition of the "Batch" table.	V-BAT050-F
	ATT	batchno	batch	Indicates the batch number assigned to the Data Report File (DRF)	7	N	MAN	0000001-9999999. Leading zeroes MUST not be suppressed.	

2.2 BATCH

The element *batch* is the container element for all reports in the XML document. The *report* element represents a single report and a batch may contain one or more report elements. Each report will contain at least the child element, *corequestions*.



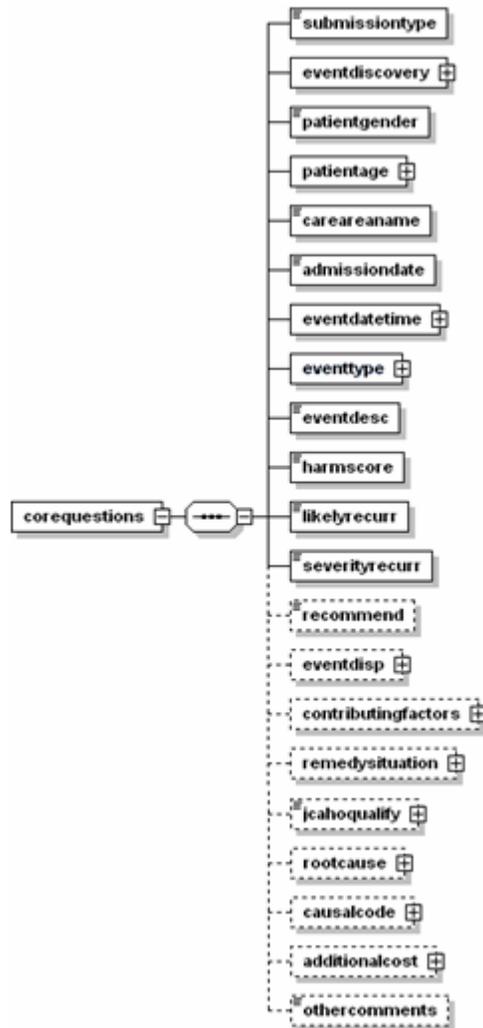
The dotted lines on the diagram indicate the element is optional.

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	REPORT PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
1	ELE	report	batch	An anchor element of a report			MAN		F
	ATT	icn	report	A unique Internal Control Number (ICN) assigned to each report by the facility	50	AN	OPT	Mandatory when batch mode = "SUB" The value is specific to a facility	V-RPT010-F
	ATT	type	report	Indicates if this report is new	3	AN	MAN	"NEW" – New report	V-RPT020-F R-RPT020-F
2	ELE	reportid	report	Reserved for future use.	11	AN	CON	Reserved for future use	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	REPORT PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	corequestions	report	An anchor for all elements that contains the answer to all core questions			MAN		V-RPT040-F
2	ELE	eventdetail	report	An anchor for all elements that contains the answers to event details.			OPT	<p>This element MAY be provided for event types that are:</p> <ul style="list-style-type: none"> • Equipment • Fall • Error related to Procedure, Treatment, Test • Skin Integrity <p>This element MUST be provided for event types that are:</p> <ul style="list-style-type: none"> • Medication Errors • Adverse Drug Reaction <p>Event type is determined based on the value of element <i>eventtype</i> (Question 8 of core questions)</p>	R-RPT050-F

2.3 CORE QUESTIONS – <corequestions>

The mandatory element, *corequestions*, is followed by a series of child elements used to transmit the answers to PA-PSRS report question 1-21.



Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
3	ELE	submissiontype	corequestions	Question 1: Indicates the Report Submission Type	2	AN	MAN	"IN" – Incident NOTE: "Serious Events" and "Infrastructure Failures" are not supported.	V-COR010-F
3	ELE	eventdiscovery	corequestions	Question 2: An anchor to one or more answer to "How was this event discovered"			MAN	One or more of the subsequent child elements MUST be provided.	V-COR020-F
4	ELE	witnessed	eventdiscovery	Witnessed / Involved	1	N	SEL	"1" - Yes.	
4	ELE	bypatient	eventdiscovery	Report by patient	1	N	SEL	"1" - Yes.	
4	ELE	byfamilyvisitor	eventdiscovery	Report by family or visitor	1	N	SEL	"1" - Yes.	
4	ELE	bystaffmember	eventdiscovery	Report by staff member	1	N	SEL	"1" - Yes.	
4	ELE	afterevent	eventdiscovery	Assessment after event	1	N	SEL	"1" - Yes.	
4	ELE	reviewofrecord	eventdiscovery	Review of record or chart	1	N	SEL	"1" - Yes.	
3	ELE	patientgender	corequestions	Question 3: Gender Of Affected Patient	1	AN	MAN	"M" – Male "F" – Female	V-COR030-F R-COR030-F
3	ELE	patientage	corequestions	Question 4: Age Of Affected Patient			MAN	One of the subsequent child elements MUST be provided.	V-COR040-F R-COR040-F
4	ELE	twoyearsorolder	patientage	Equal or greater than two years (expressed in years)	3	N	SEL	2-122 (years)	
4	ELE	undertwoyears	patientage	Under 2 years (expressed in	2	N	SEL	1-23 (months)	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
				months)					
4	ELE	underonemonth	patientage	Under one month (expressed in days)	2	N	SEL	0-30 (days)	
3	ELE	careareaname	corequestions	Question 5: Location Where Event Occurred	75	AN	MAN	Facility description of a care area. The name MUST match exactly the named defined in the PA-PSRS system.	V-COR050-F
3	ELE	patientstatus	corequestions	Question 6a: Patient Status	1	AN	MAN	"I" – Inpatient "O" – Outpatient "U" – Unknown	V-COR300-F
3	ELE	admissiondate	corequestions	Question 6: Date of Admission or Date of Ambulatory Encounter	10	D	MAN	YYYY-MM-DD – Date format Or empty element Value MUST be <= <i>eventdate</i>	V-COR060-F R-COR060-F
3	ELE	eventdatetime	corequestions	Question 7:Event Date and Time			MAN		V-COR070-F R-COR070-F
4	ELE	eventdate	eventdatetime	Date when the event occurred	10	D	MAN	YYYY-MM-DD – Date format Value MUST be <= file submission date.	
4	ELE	eventtime	eventdatetime	Time when the event occurred	4	N	MAN	HHMM expressed in military time: "0000" – "2359" Or empty element	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
	ATT	timeunknown	eventtime	Provided as empty element with an attribute of time unknown.	1	N	OPT	"1" – Time Unknown	
3	ELE	eventtype	corequestions	Question 8: Event type			MAN		V-COR100-F R-COR100-F
4	ELE	level1desc	eventtype	The code for Level 1 event type answer to Question 8	2	N	MAN	Refer to Appendix B – Event Type Description for possible values	
4	ELE	level2desc	eventtype	The code for Level 2 event type answer to Question 8	2	N	MAN	Refer to Appendix B – Event Type Description for possible values	
4	ELE	level2otherdesc	eventtype	Description of event if the code for "other" is selected on level2desc	250	AN	CON	Required if the code for "other" is selected on level2desc	
4	ELE	level3desc	eventtype	The code for level 3 event type answer to Question 8	2	N	CON	This element is omitted if the event type only requires 2 levels. It is required if the event type requires 3 levels. Refer to Appendix B – Event Type Description for possible values	
4	ELE	level3otherdesc	eventtype	Description of event if the code of "other" is selected on level3desc	250	AN	CON	Required if the code for "other" is selected on level3desc	
3	ELE	eventdesc	corequestions	Question 9: Describe The Event. Please include all relevant information, including details on	1000	AN	MAN	Free form text	V-COR110-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
				how or why the event occurred					
3	ELE	harmscore	corequestions	Question 10: Harm Score	2	AN	MAN	"A", "B1", "B2", "C" or "D". Refer to Appendix C – Harm Score Description for possible values and their descriptions.	V-COR120-F R-COR120-F
3	ELE	likelyrecur	corequestions	Question 11: Likelihood of event recurrence	2	N	MAN	Refer to Appendix D for possible values and their description.	V-COR130-F
3	ELE	severityrecur	corequestions	Question 12: Severity of effect resulting from recurrence of event	2	N	MAN	Refer to Appendix E for possible values and their description.	V-COR140-F
3	ELE	recommend	corequestions	Question 13: Recommendations For System Improvement. Include any "lessons learned" and steps you are taking to prevent recurrence or a similar event in the future.	500	AN	OPT	Free form text	V-COR150-F R-COR150-F
3	ELE	eventdisp	corequestions	Question 14: Disposition of Event			OPT	When this element is provided, one or more of the subsequent child elements MUST be provided.	V-COR160-F R-COR160-F
4	ELE	medicaldirector	eventdisp	Refer to medical director	1	N	SEL	"1" - Yes	
4	ELE	peerreview	eventdisp	Refer to oversight/peer review committee	1	N	SEL	"1" - Yes	
4	ELE	jcahareport	eventdisp	Report to JCAHO	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	maintainreport	eventdisp	Maintain report for review and meeting	1	N	SEL	"1" - Yes	
4	ELE	qualityimprove	eventdisp	Refer to quality improvement / monitoring committee	1	N	SEL	"1" - Yes	
4	ELE	riskcommittee	eventdisp	Refer to risk management / safety committee	1	N	SEL	"1" - Yes	
4	ELE	patientsafetycommittee	eventdisp	Patient safety committee	1	N	SEL	"1" – Yes	
4	ELE	medreviewcommittee	eventdisp	Medication event review committee	1	N	SEL	"1" – Yes	
4	ELE	medstaffcommittee	eventdisp	Medical staff / service committee	1	N	SEL	"1" - Yes	
4	ELE	other	eventdisp	Other (specify Maximum 250 characters)	250	AN	SEL	Free form text	
3	ELE	contributingfactors	corequestions	Question 15: Potential Contributing Factors: (Check all that apply)			OPT		
4	ELE	teamfactors	contributingfactors	Question 15a: Team Factors			OPT		V-COR170-F R-COR170-F
	ATT	noresponse	teamfactors	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored..	R-COR171-W
5	ELE	none	teamfactors	None.	1	N	SEL	"1" – Yes. If this element	R-COR172-W

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								value is 1, all other provided elements are ignored.	
5	ELE	communicationprob	teamfactors	Communication problems between providers	1	N	SEL	"1" - Yes	
5	ELE	changeofservice	teamfactors	Change of service (same care area)	1	N	SEL	"1" - Yes	
5	ELE	crosscoverage	teamfactors	Cross-coverage situation	1	N	SEL	"1" - Yes	
5	ELE	shiftchange	teamfactors	Shift change	1	N	SEL	"1" - Yes	
5	ELE	workloadincrease	teamfactors	Unplanned workload increase	1	N	SEL	"1" - Yes	
5	ELE	holiday	teamfactors	Holiday	1	N	SEL	"1" - Yes	
5	ELE	tbd	teamfactors	To be determined	1	N	SEL	"1" - Yes	
4	ELE	workenvironment	contributingfactors	Question 15b: Work Environment			OPT		V-COR180-F R-COR180-F
	ATT	noresponse	workenvironment	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR181-W
5	ELE	none	workenvironment	None.	1	N	SEL	"1" – Yes. If this element value is 1, all other sibling elements are ignored.	R-COR182-W
5	ELE	distractions	workenvironment	Distractions / interruptions	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	limitedpatientinfo	workenvironment	Limited access to patient information	1	N	SEL	"1" - Yes	
5	ELE	poorlighting	workenvironment	Poor lighting	1	N	SEL	"1" - Yes	
5	ELE	highnoiselevel	workenvironment	High noise level	1	N	SEL	"1" - Yes	
5	ELE	equipmentmalfunction	workenvironment	Equipment Malfunction	1	N	SEL	"1" – Yes	
5	ELE	equipmentavailability	workenvironment	Inadequate equipment availability	1	N	SEL	"1" – Yes	
5	ELE	tbd	workenvironment	To be determined	1	N	SEL	"1" – Yes	
4	ELE	taskfactors	contributingfactors	Question 15c: Task Factors			OPT		V-COR190-F R-COR190-F
	ATT	noresponse	taskfactors	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR191-W
5	ELE	none	taskfactors	None.	1	N	SEL	"1" – Yes. If this element value is 1, all other sibling elements are ignored.	R-COR192-W
5	ELE	trainingissues	taskfactors	Training Issues	1	N	SEL	"1" – Yes	
5	ELE	emergency	taskfactors	Emergency Situation	1	N	SEL	"1" – Yes	
5	ELE	inexperienced	taskfactors	Inexperienced staff	1	N	SEL	"1" – Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	inadequatesupervision	taskfactors	Inadequate resident supervision	1	N	SEL	"1" – Yes	
5	ELE	cardiacarrest	taskfactors	Cardiac/respiratory arrest situation	1	N	SEL	"1" – Yes	
5	ELE	orderentryprob	taskfactors	Order entry system problem	1	N	SEL	"1" – Yes	
5	ELE	tbd	taskfactors	To be determined	1	N	SEL	"1" – Yes	
4	ELE	stafffactors	contributingfactors	Question 15d: Staff Factors			OPT		V-COR200-F R-COR200-F
	ATT	noresponse	stafffactors	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR201-W
5	ELE	none	stafffactors	None.	1	N	SEL	"1" – Yes. If this element value is 1, all other sibling elements are ignored.	R-COR202-W
5	ELE	floatstaff	stafffactors	Use of float staff	1	N	SEL	"1" – Yes	
5	ELE	agencystaff	stafffactors	Use of agency, temporary, or traveling staff	1	N	SEL	"1" – Yes	
5	ELE	schedulingissues	stafffactors	Staff scheduling issues	1	N	SEL	"1" - Yes	
5	ELE	inadequatesystem	stafffactors	Inadequate system for covering patient care	1	N	SEL	"1" - Yes	
5	ELE	insufficientstaff	stafffactors	Insufficient staff	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	fatigue	stafffactors	Fatigue	1	N	SEL	"1" - Yes	
5	ELE	proficiency	stafffactors	Issue related to proficiency	1	N	SEL	"1" - Yes	
5	ELE	impairment	stafffactors	Issue related to impairment	1	N	SEL	"1" - Yes	
5	ELE	tbd	stafffactors	To be determined	1	N	SEL	"1" - Yes	
4	ELE	patientcharacteristics	contributingfactors	Question 15e: Patient Characteristics			OPT		V-COR210-F R-COR210-F
	ATT	noresponse	patientcharacteristics	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR211-W
5	ELE	none	patientcharacteristics	None.	1	N	SEL	"1" – Yes. If this element value is 1, all other sibling elements are ignored.	R-COR212-W
5	ELE	compliance	patientcharacteristics	Lack of patient compliance/adherence	1	N	SEL	"1" - Yes	
5	ELE	understanding	patientcharacteristics	Lack of patient understanding	1	N	SEL	"1" - Yes	
5	ELE	languagebarrier	patientcharacteristics	Language barrier	1	N	SEL	"1" - Yes	
5	ELE	cooperation	patientcharacteristics	Lack of family cooperation	1	N	SEL	"1" - Yes	
5	ELE	tbd	patientcharacteristics	To be determined	1	N	SEL	"1" - Yes	
4	ELE	organizational	contributingfactors	Question 15f: Patient			OPT		V-COR220-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
				Characteristics					R-COR220-F
	ATT	noresponse	organizational	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR221-W
5	ELE	none	organizational	None.	1	N	SEL	"1" – Yes. If this element value is 1, all other sibling elements are ignored.	R-COR222-W
5	ELE	no24hourphar	organizational	No 24 hour pharmacy	1	N	SEL	"1" - Yes	
5	ELE	inadequatebed	organizational	Inadequate bed availability	1	N	SEL	"1" - Yes	
5	ELE	boarderservice	organizational	Presence of boarder patient/different service	1	N	SEL	"1" - Yes	
5	ELE	observation	organizational	Presence of observation patient	1	N	SEL	"1" - Yes	
5	ELE	lackofpolicies	organizational	Lack of policies and procedures	1	N	SEL	"1" - Yes	
5	ELE	unclearpolicies	organizational	Unclear or ambiguous policies and procedures	1	N	SEL	"1" - Yes	
5	ELE	procnotfollowed	organizational	Procedures not followed	1	N	SEL	"1" - Yes	
5	ELE	tbd	organizational	To be determined	1	N	SEL	"1" - Yes	
4	ELE	additionalinfo	contributingfactors	Question 15g: Other, please specify any additional information: (maximum 500 characters)	500	AN	OPT	Free form text	V-COR230-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
3	ELE	remedysituation	corequestions	Question 16: What was done to remedy the situation or reduce its likelihood for recurrence			OPT		V-COR240-F R-COR240-F
	ATT	noresponse	remedysituation	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR241-W
4	ELE	noaction	remedysituation	None.	1	N	SEL	"1" – Yes. If this element value is 1, all other sibling elements are ignored.	R-COR242-W
4	ELE	talkedwithpatient	remedysituation	Talked with patient / family	1	N	SEL	"1" - Yes	
4	ELE	arrangesupport	remedysituation	Arrange for support for staff member involved	1	N	SEL	"1" - Yes	
4	ELE	discusswithworker	remedysituation	Discuss the event with the involved healthcare worker	1	N	SEL	"1" - Yes	
4	ELE	discussunsafe	remedysituation	Discussion with staff of unsafe practices	1	N	SEL	"1" - Yes	
4	ELE	removeequip	remedysituation	Physically removed equipment or supplies	1	N	SEL	"1" - Yes	
4	ELE	stafforientation	remedysituation	Staff orientation process	1	N	SEL	"1" - Yes	
4	ELE	reviewpolicies	remedysituation	Review / revise policies and procedures	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	stafftraining	remedysituation	Education or training of staff	1	N	SEL	"1" - Yes	
4	ELE	documentproc	remedysituation	Documentation procedures	1	N	SEL	"1" - Yes	
4	ELE	modifyworkflow	remedysituation	Modified staffing pattern or workflow	1	N	SEL	"1" – Yes	
4	ELE	referotherdept	remedysituation	Referred issue to another department (Identify)	250	AN	SEL	Free form text	
4	ELE	referleadership	remedysituation	Referred issue to medical leadership or administrative leadership	1	N	SEL	"1" – Yes	
4	ELE	requestanalysis	remedysituation	Requested assistance from Quality improvement in conducting analysis of event	1	N	SEL	"1" – Yes	
4	ELE	tbd	remedysituation	To be determined	1	N	SEL	"1" – Yes	
4	ELE	other	remedysituation	Other (specify, maximum of 250 characters)	250	AN	SEL	Free form text	
3	ELE	jcahoqualify	corequestions	Question 17: Does event qualify as a JCAHO defined Sentinel Event?	1	N	OPT	"1" – Yes "2" – No "4" – To be determined (TBD)	V-COR250-F R-COR250-F
	ATT	noresponse	jcahoqualify	Based on Harm Score selected, no response is needed (when Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes.	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
3	ELE	rootcause	corequestions	Question 18: If root cause analysis performed, select root causes: (select up to 3 causes that contributed most to event) Other specify, maximum 250 characters			OPT		V-COR260-F R-COR260-F
	ATT	noresponse	rootcause	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR261-W
4	ELE	norootanalysis	rootcause	No root cause analysis performed	1	N	OPT	1 – Yes. If this element value is 1, subsequent sibling elements will be ignored.	R-COR262-W
4	ELE	tbd	rootcause	To be determined	1	N	OPT	1 - Yes	
4	ELE	rootcausecode1	rootcause	Code for the first root cause that contribute most to event	2	AN	OPT	"2"-"20" Please refer to Appendix F – List of Root Causes and their codes	
4	ELE	rootcause1other	rootcause	Other root cause 1	250	AN	CON	If the value of rootcausecode1 is "20" – Other, this element is required.	R-COR263-F
4	ELE	rootcausecode2	rootcause	Code for the second root cause that contribute most to event	2	AN	OPT	"2"-"20" Please refer to Appendix F – List of Root Causes and their codes	
4	ELE	rootcause2other	rootcause	Other root cause 2	250	AN	CON	If the value of rootcausecode2 is "20" – Other, this element is required.	R-COR264-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	rootcausecode3	rootcause	Code for the third root cause that contribute most to event	2	AN	OPT	"2"-"20" Please refer to Appendix F – List of Root Causes and their codes	
4	ELE	rootcause3other	rootcause	Other root cause 3	250	AN	CON	If the value of rootcausecode2 is "20" – Other, this element is required.	R-COR265-F
3	ELE	causalcode	corequestions	Question 19: Causal code (Eindhoven Classification Model – Medical Version):			OPT		V-COR270-F R-COR270-F
	ATT	noresponse	causalcode	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR271-W
4	ELE	none	causalcode	None	1	N	OPT	"1" – Yes If this element value is 1, subsequent sibling elements SHOULD not be provided. If sibling elements are provided, they are ignored.	R-COR272-W
4	ELE	tbd	causalcode	To be determined	1	N	OPT	"1" – Yes	
4	ELE	eindhovencode	causalcode	Code for the Eindhoven causal code	3	AN	OPT	Refer to Appendix G code Eindhoven causal codes.	
3	ELE	additionalcost	corequestions	Question 20: Assessment of additional costs incurred (check all that apply).			OPT		V-COR280-F R-COR280-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
	ATT	noreponse	additionalcost	Based on Harm Score selected, no response is needed (valid selection only when the Harm Score value is "A", "B1", "B2", "C" or "D")	1	N	OPT	"1" – Yes. If this attribute value is 1, subsequent child elements will be ignored.	R-COR281-W
4	ELE	nocost	additionalcost	No additional cost	1	N	SEL	"1" – Yes If this element value is 1, subsequent sibling elements are ignored. If sibling elements are provided, they are ignored.	R-COR282-W
4	ELE	patientdiscomfort	additionalcost	Patient discomfort or inconvenience	1	N	SEL	"1" – Yes	
4	ELE	additionaltest	additionalcost	Additional laboratory testing or diagnostic imaging	1	N	SEL	"1" – Yes	
4	ELE	othertesting	additionalcost	Other additional diagnostic testing	1	N	SEL	"1" – Yes	
4	ELE	additionalmonitor	additionalcost	Additional patient monitoring in current location	1	N	SEL	"1" – Yes	
4	ELE	emergencyvisit	additionalcost	Visit to emergency department	1	N	SEL	"1" – Yes	
4	ELE	hospitaladmission	additionalcost	Hospital admission	1	N	SEL	"1" – Yes	
4	ELE	intensivecare	additionalcost	Transfer to more intensive level of care	1	N	SEL	"1" – Yes	
4	ELE	increasedstay	additionalcost	Increased length of stay	1	N	SEL	"1" – Yes	

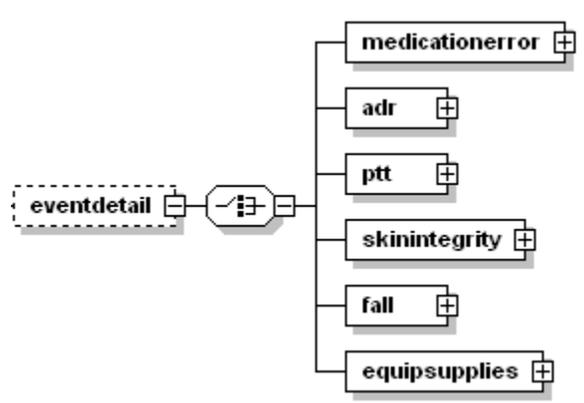
Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	CORE QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	minorsurgery	additionalcost	Minor surgery	1	N	SEL	"1" – Yes	
4	ELE	majorsurgery	additionalcost	Major surgery	1	N	SEL	"1" – Yes	
4	ELE	delaycare	additionalcost	System or process delay care to a patient	1	N	SEL	"1" – Yes	
4	ELE	tbd	additionalcost	To be determined	1	AN	SEL	"1" - Yes	
4	ELE	other	additionalcost	Other (specify): (maximum 250 characters)	250	AN	SEL	Free form text	
3	ELE	othercomments	corequestions	Question 21: Other comments	250	AN	SEL	Free form text	V-COR290-F

2.4 EVENT DETAIL QUESTIONS - <eventdetail>

The element, *eventdetail*, MAY be provided with the child element that corresponds to the report’s event type. If provided, only one child element MUST be included.

Event details MAY be provided for the following event types: Equipment/Supplies/Devices, Fall, Error Related to Procedure/Treatment/Test and Skin Integrity reports..

Event details MUST be provided for Medication Errors and Adverse Drug Reaction reports.

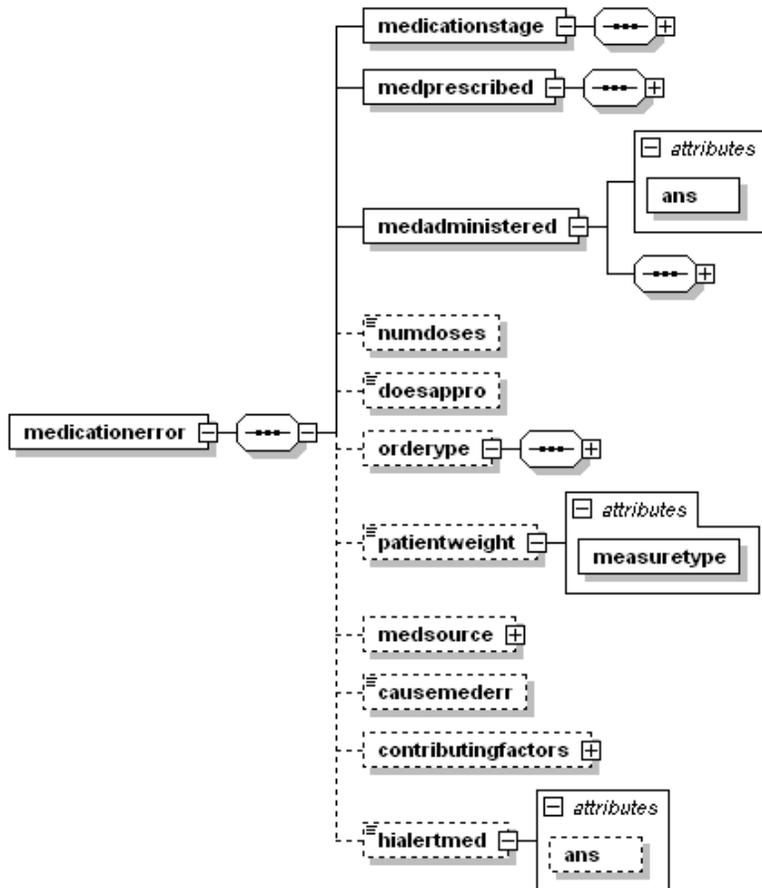


Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	EVENT DETAIL QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element of a detailed question			OPT	One element for each report if the attribute values are defined below	V-EVD010-F
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	This attribute indicates the type of detailed event contained in the element <i>detailedquestion</i> . The codes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	EVENT DETAIL QUESTIONS PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								are: "MED" - Medication Errors "ADR" - Adverse Drug Reaction "EQP" - Equipment "FAL" - Fall "PTT" - Procedure, Treatment, Test Error "SKN" - Skin Integrity	
<p>The content of the event details is dependent on the event type and are defined on a separate table. Please refer to the event detail definition table of the following: Medication Error , Adverse Drug Reaction, Equipment/Devices/Supplies, Fall, Procedure/Treatment and Test (PTT), and Skin Integrity</p>									

2.5 MEDICATION ERROR EVENT DETAIL - <medicationerror>

For a report where the event type is Medication Error, the event detail element, *medicationerror*, MUST be included. The answers to questions A, B and C of the Medication Error Event Details are mandatory questions.



Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element for Medication Error detailed questions			MAN		
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	"MED" - Medication Errors	
3	ELE	medicationerror	eventdetail	Container element for the medication event detail.			MAN		
4	ELE	medicationstage	medicationerror	Question A: At which stage of the medication process did the event occur? (check all that apply)			MAN		V-MED010-F
5	ELE	prescribingmed	medicationstage	a. Prescribing of medication	1	N	SEL	"1" - Yes	
5	ELE	transcriptionmed	medicationstage	b. Transcription / order processing of medication	1	N	SEL	"1" - Yes	
5	ELE	preparationmed	medicationstage	c. Preparation / dispensing of medication	1	N	SEL	"1" - Yes	
5	ELE	administrationmed	medicationstage	d. Administration of medication	1	N	SEL	"1" - Yes	
5	ELE	monitoringmed	medicationstage	e. Monitoring of medication	1	N	SEL	"1" - Yes	
5	ELE	otherstage	medicationstage	f. Other (specify)	250	AN	SEL	Free form text	
4	ELE	medprescribed	medicationerror	Question B: Medication Prescribed			MAN		V- MED020-F
5	ELE	medpresname	medprescribed	Name of medication prescribed	125	AN	MAN	Free form text	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	medpresdose	medprescribed	Dose of medication prescribed	50	AN	MAN	Free form text	
5	ELE	medpresfrequency	medprescribed	Frequency of the medication prescribed	50	AN	MAN	Free form text	
5	ELE	medpresstrength	medprescribed	Strength / Concentration of the medication prescribed	50	AN	OPT	Free form text	
5	ELE	medpresroute	medprescribed	Route code of medication prescribed	2	N	MAN	"1" – "16". Please refer to Appendix H – Medication Route Code for definition	
5	ELE	otherpresroute	medprescribed	Other (Specify)	50	AN	CON	Free form text. Required only if the value of medpresroute is "14" - Other	V-MED021-F
4	ELE	medadministered	medicationerror	Question C: Was the medication the same as the medication prescribed?			MAN		V- MED030-F R- MED030-F
	ATT	ans	medadministered	Answer to Question C.	1	N	MAN	"1" – Yes "2" – No "3" – Not Applicable If the answer is "1" – Yes, or "3" – Not Applicable, the subsequent child elements should NOT be provided. If sibling elements are provided, they are ignored.	R-MED031-W
5	ELE	medadminname	medadministered	Name of medication administered.	125	AN	CON	Free form text. If the answer to Question C is "2"- No, this	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								element is required.	
5	ELE	medadmindose	medadministered	Dose of medication administered	50	AN	MAN	Free form text If the answer to Question C is No, this element is required.	
5	ELE	medadminfrequency	medadministered	Frequency of the medication administered	50	AN	MAN	Free form text If the answer to Question C is No, this element is required.	
5	ELE	medadminstrength	medadministered	Strength / Concentration of the medication administered.	50	AN	OPT	Free form text	
5	ELE	medadminroute	medadministered	Route code of medication administered.	2	N	MAN	"1" – "16". Please refer to Appendix H – Medication Route Code for definition. If the answer to Question C is No, this element is required.	
5	ELE	otheradminroute	medadministered	Other (Specify)	50	AN	CON	Free form text. Required only if the value of medadminroute is "14" – Other	R-MED032-F
4	ELE	numdoses	medicationerror	Question D: Number of doses affected	2	N	OPT	"1" – "99"	V- MED040-F
4	ELE	doseappro	medicationerror	Question E: Was the prescribed dose, route, frequency or administration technique considered appropriate for patient's age, weight, or disease state?	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	V- MED050-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	ordertype	medicationerror	Question F: Order Type: (check all that apply)			OPT		V- MED060-F
5	ELE	firstdose	ordertype	a. First dose	1	N	SEL	"1" - Yes	
5	ELE	onetime	ordertype	b. One-time dose	1	N	SEL	"1" - Yes	
5	ELE	prndose	ordertype	c. PRN (as needed)	1	N	SEL	"1" - Yes	
5	ELE	scheduleddose	ordertype	d. Scheduled dose	1	N	SEL	"1" - Yes	
5	ELE	verbalorder	ordertype	e. Verbal order	1	N	SEL	"1" - Yes	
5	ELE	writtenorder	ordertype	f. Written order	1	N	SEL	"1" - Yes	
5	ELE	computerorder	ordertype	g. Computer-based provider order entry	1	N	SEL	"1" - Yes	
4	ELE	patientweight	medicationerror	Question G: Patient weight	6	D	OPT	Expressed in decimal number as kilograms or pounds. 0.2 lbs – 900 lbs or 0.1 kgs – 408.15 kgs	V- MED070-F
	ATT	measuretype	patientweight	Indicates if the value is in pounds or kilograms	1	AN	MAN	"P" – pounds "K" – kilograms If patientweight is provided, this element is required.	
4	ELE	medsource	medicationerror	Question H: Source of medication (check all that apply)			OPT		V- MED080-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	autodispenser	medsource	Automated dispensing machine (e.g., Pyxis, Omnicell)	1	N	SEL	"1" – Yes	
5	ELE	otherautosystem	medsource	Other automated system (filling, bar coding, etc.)	1	N	SEL	"1" – Yes	
5	ELE	inpatientphar	medsource	Central inpatient pharmacy	1	N	SEL	"1" – Yes	
5	ELE	outpatientphar	medsource	Central outpatient pharmacy	1	N	SEL	"1" - Yes	
5	ELE	oncologyclinic	medsource	Oncology clinic pharmacy	1	N	SEL	"1" - Yes	
5	ELE	orpharmacy	medsource	OR pharmacy	1	N	SEL	"1" - Yes	
5	ELE	othersatphar	medsource	Other satellite pharmacy (specify)	250	AN	SEL	Free form text	
5	ELE	codetray	medsource	Code Tray	1	N	SEL	"1" - Yes	
5	ELE	deliverybin	medsource	Delivery bin	1	N	SEL	"1" - Yes	
5	ELE	floorstock	medsource	Floor stock	1	N	SEL	"1" - Yes	
5	ELE	ivroom	medsource	IV room	1	N	SEL	"1" - Yes	
5	ELE	medcart	medsource	Medication cart	1	N	SEL	"1" - Yes	
5	ELE	medfromhome	medsource	Medication from home	1	N	SEL	"1" - Yes	
5	ELE	patientsupply	medsource	Another patient's supply	1	N	SEL	"1" - Yes	
5	ELE	investigational	medsource	Investigational medication	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	samplemed	medsource	Sample medication	1	N	SEL	"1" - Yes	
5	ELE	centralsupply	medsource	Central Supply	1	N	SEL	"1" - Yes	
5	ELE	contractphar	medsource	Outsource/Contract Pharmacy	1	N	SEL	"1" - Yes	
5	ELE	othersource	medsource	Other / unknown	1	N	SEL	"1" - Yes	
4	ELE	causedmederr	medicationerror	Question I: Cause of medication error	250	AN	OPT	Free form text	V- MED090-F
4	ELE	contributingfactors	medicationerror	Question J: Systems factors contributing to medication error			OPT		R- MED100-F
5	ELE	prescribing	contributingfactors				OPT		V- MED110-F
6	ELE	none	prescribing	None	1	N	SEL	"1" – Yes. If this element value is 1, subsequent sibling elements SHOULD NOT be provided. If sibling elements are provided, they are ignored.	R-MED111-W
6	ELE	calcerrorpres	prescribing	Calculation error	1	N	SEL	"1" – Yes	
6	ELE	decimalpointpres	prescribing	Decimal point	1	N	SEL	"1" – Yes	
6	ELE	drugconfusionpres	prescribing	Drug name confusion	1	N	SEL	"1" – Yes	
6	ELE	errorproneabbr	prescribing	Error-prone abbreviation	1	N	SEL	"1" – Yes	
6	ELE	illegiblefax	prescribing	Illegible facsimile of order	1	N	SEL	"1" – Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
6	ELE	illegiblewriting	prescribing	Illegible hand writing	1	N	SEL	"1" – Yes	
6	ELE	inadequateinfo	prescribing	Patient information availability	1	N	SEL	"1" – Yes	
6	ELE	incverbalorder	prescribing	Incomplete, unclear, or ambiguous verbal order	1	N	SEL	"1" – Yes	
6	ELE	incwrittenorder	prescribing	Incomplete, unclear, or ambiguous written order	1	N	SEL	"1" – Yes	
6	ELE	knowledgedeficitpres	prescribing	Knowledge deficit (drug)	1	N	SEL	"1" – Yes	
6	ELE	knownallergypres	prescribing	Known drug allergy	1	N	SEL	"1" - Yes	
6	ELE	nonmetric	prescribing	Non-metric unit of measure (apothecary)	1	N	SEL	"1" - Yes	
6	ELE	reconciliation	prescribing	Medication reconciliation problem	1	N	SEL	"1" - Yes	
6	ELE	tbd	prescribing	To be determined	1	N	SEL	"1" - Yes	
6	ELE	other	prescribing	Other (specify)	250	AN	SEL	Free form text	
5	ELE	transcription	contributingfactors				OPT		V-MED120-F
6	ELE	none	transcription	None	1	N	SEL	"1" – Yes. If this element value is 1, subsequent sibling elements SHOULD NOT be provided. If sibling elements are provided, they are ignored.	R-MED121-W

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
6	ELE	incorrectorder	transcription	Incorrect computer order entry	1	N	SEL	"1" - Yes	
6	ELE	faxerror	transcription	Facsimile error	1	N	SEL	"1" - Yes	
6	ELE	knowledgedeficittrans	transcription	Knowledge deficit (drug)	1	N	SEL	"1" - Yes	
6	ELE	recordomitted	transcription	Med admin record transcribing omitted	1	N	SEL	"1" - Yes	
6	ELE	misinterpretation	transcription	Misinterpretation of order	1	N	SEL	"1" - Yes	
6	ELE	notentered	transcription	Order not entered in computer system	1	N	SEL	"1" - Yes	
6	ELE	notprocessed	transcription	Order not processed / pulled from chart	1	N	SEL	"1" - Yes	
6	ELE	illegiblehandwriting	transcription	Illegible handwriting	1	N	SEL	"1" - Yes	
6	ELE	verbaltransincorr	transcription	Verbal order transcribed incorrectly	1	N	SEL	"1" - Yes	
6	ELE	writtentransincorr	transcription	Written order transcribed incorrectly	1	N	SEL	"1" - Yes	
6	ELE	tbd	transcription	To be determined	1	N	SEL	"1" - Yes	
6	ELE	other	transcription	Other (specify)	250	AN	SEL	Free form text	
5	ELE	preparation	contributingfactors				OPT		V-MED130-F
6	ELE	none	preparation	None	1	N	SEL	"1" – Yes. If this element value is 1, subsequent sibling elements SHOULD NOT be	R-MED131-W

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								provided. If sibling elements are provided, they are ignored.	
6	ELE	calcerrorprep	preparation	Calculation error	1	N	SEL	"1" - Yes	
6	ELE	decimalpointprep	preparation	Decimal point	1	N	SEL	"1" - Yes	
6	ELE	delayeddelivery	preparation	Delayed delivery	1	N	SEL	"1" - Yes	
6	ELE	wronglocation	preparation	Delivered to wrong location	1	N	SEL	"1" - Yes	
6	ELE	doseconfusionprep	preparation	Dosage confusion	1	N	SEL	"1" - Yes	
6	ELE	doseidcheckingprep	preparation	Dose and identity checking (e.g. look-alike & sound-alike)	1	N	SEL	"1" - Yes	
6	ELE	dosenotcheckedprep	preparation	Dose not checked by pharmacist	1	N	SEL	"1" - Yes	
6	ELE	expiredmed	preparation	Expired medication	1	N	SEL	"1" - Yes	
6	ELE	knowledgedeficitprep	preparation	Knowledge deficit (drug)	1	N	SEL	"1" - Yes	
6	ELE	knownallergyprep	preparation	Know drug allergy	1	N	SEL	"1" - Yes	
6	ELE	labeldesign	preparation	Label design	1	N	SEL	"1" - Yes	
6	ELE	mislabeled	preparation	Medication mislabeled	1	N	SEL	"1" - Yes	
6	ELE	infoavailabilityprep	preparation	Patient information availability	1	N	SEL	"1" - Yes	
6	ELE	wrongdrugsent	preparation	Wrong drug or strength sent	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
6	ELE	wrongmedondisp	preparation	Wrong medication stocked in automated dispensing machine	1	N	SEL	"1" - Yes	
6	ELE	tbd	preparation	To be determined	1	N	SEL	"1" - Yes	
6	ELE	other	preparation	Other (specify)	250	AN	SEL	Free form text	
5	ELE	administration	contributingfactors				OPT		V-MED140-F
6	ELE	none	administration	None	1	N	SEL	"1" – Yes. If this element value is 1, subsequent sibling elements SHOULD NOT be provided. If sibling elements are provided, they are ignored.	R-MED141-W
6	ELE	calcerroradmin	administration	Calculation error	1	N	SEL	"1" - Yes	
6	ELE	devicefailure	administration	Device failure (mechanical problem)	1	N	SEL	"1" - Yes	
6	ELE	deviceuse	administration	Device use (human error)	1	N	SEL	"1" - Yes	
6	ELE	doseconfusionadmin	administration	Dosage confusion	1	N	SEL	"1" - Yes	
6	ELE	doseidcheckingadmin	administration	Dose and identity checking (e.g. label not read)	1	N	SEL	"1" - Yes	
6	ELE	dosenotcheckedadmin	administration	Dose given without pharmacist check (e.g., dose removed from delivery bin)	1	N	SEL	"1" - Yes	
6	ELE	doseoverlooked	administration	Dose overlooked	1	N	SEL	"1" - Yes	

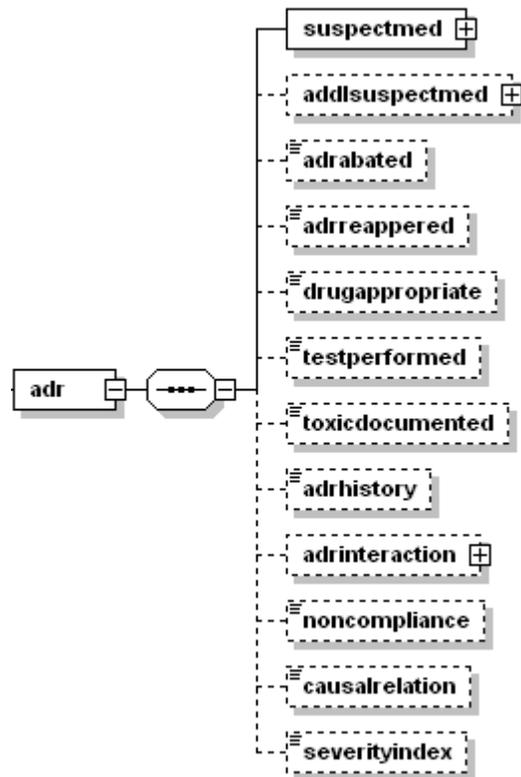
Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
6	ELE	drugconfusionadmin	administration	Drug name confusion (e.g., look-alike & sound-alike)	1	N	SEL	"1" - Yes	
6	ELE	knowledgedeficitadmin	administration	Knowledge deficit (drug)	1	N	SEL	"1" - Yes	
6	ELE	knownallergyadmin	administration	Known drug allergy	1	N	SEL	"1" - Yes	
6	ELE	infoavailabilityadmin	administration	Patient information availability	1	N	SEL	"1" - Yes	
6	ELE	poortechnique	administration	Poor technique	1	N	SEL	"1" - Yes	
6	ELE	notbypharmacist	administration	Preparation of injectable product not done by pharmacy.	1	N	SEL	"1" - Yes	
6	ELE	wrongmedwithdraw	administration	Wrong medication withdrawn from automated dispensing machine	1	N	SEL	"1" - Yes	
6	ELE	tbd	administration	To be determined	1	N	SEL	"1" - Yes	
6	ELE	other	administration	Other (specify)	250	AN	SEL	Free form text	
5	ELE	monitoring	contributingfactors				OPT		V-MED150-F
6	ELE	none	monitoring	None	1	N	SEL	"1" – Yes. If this element value is 1, subsequent sibling elements SHOULD NOT be provided. If sibling elements are provided, they are ignored.	R-MED151-W
6	ELE	criterianotmet	monitoring	Criteria for med administration not met (e.g., BP, Apical Pulse)	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
6	ELE	docoinaccurate	monitoring	Documentation inaccurate or lacking	1	N	SEL	"1" - Yes	
6	ELE	inadequatetest	monitoring	Inadequate laboratory or diagnostic testing	1	N	SEL	"1" - Yes	
6	ELE	testnotordered	monitoring	Appropriate lab test not ordered	1	N	SEL	"1" - Yes	
6	ELE	knowledgedeficitmon	monitoring	Knowledge deficit (drug)	1	N	SEL	"1" - Yes	
6	ELE	infoavailabilitymon	monitoring	Patient information availability	1	N	SEL	"1" - Yes	
6	ELE	signsnotchecked	monitoring	Vital signs not checked	1	N	SEL	"1" - Yes	
6	ELE	rptwrongresult	monitoring	Wrong results reported	1	N	SEL	"1" - Yes	
6	ELE	reconciliation	monitoring	Medication reconciliation problem	1	N	SEL	"1" - Yes	
6	ELE	tbd	monitoring	To be determined	1	N	SEL	"1" - Yes	
6	ELE	other	monitoring	Other (specify)	250	AN	SEL	Free form text	
5	ELE	patientfactor	contributingfactors				OPT		V-MED160-F
6	ELE	none	patientfactor	None	1	N	SEL	"1" – Yes. If this attribute value is 1, subsequent sibling elements SHOULD NOT be provided. If sibling elements are provided, they are ignored.	R-MED161-W
6	ELE	patientadherence	patientfactor	Patient adherence	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	MEDICATION ERROR PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
6	ELE	patienteducation	patientfactor	Patient education	1	N	SEL	"1" - Yes	
6	ELE	patientunavail	patientfactor	Patient unavailable	1	N	SEL	"1" - Yes	
6	ELE	medsupply	patientfactor	Personal med supply	1	N	SEL	"1" - Yes	
6	ELE	xferprocedure	patientfactor	Transfer procedures	1	N	SEL	"1" - Yes	
6	ELE	tbd	patientfactor	To be determined	1	N	SEL	"1" - Yes	
6	ELE	other	patientfactor	Other (specify)	250	AN	SEL	Free form text	
4	ELE	hialertmed	medicationerror	Question K: Event involves a high alert medication			OPT		V- MED170-F R- MED170-F
	ATT	ans	hialertmed	Answer to Question K.	1	AN	MAN	"1" – Yes "2" – No If hialertmed answered this element is required.	
5	ELE	hialertmedname	hialertmed	If Yes, select medication	3	N	CON	If the answer to hialertmed is "1" – Yes, this element is required. Please refer to Appendix I – High Alert Medication Codes for possible values	

2.6 ADVERSE DRUG REACTION EVENT DETAIL - <adr>

For a report where the event type is Adverse Drug Reaction, the event detail element, *adr*, MUST be included. The answer to question A. (Suspect Medication, Dose, Frequency and Route) of the Adverse Drug Reaction Event Details require responses.



Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ADVERSE DRUG REACTION PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element for Adverse Drug Reaction detailed questions.			MAN		V-EVD010-F
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	"ADR" - Adverse Drug Reaction	
3	ELE	adr	eventdetail	Container element for Adverse Drug Reaction			MAN		
4	ELE	suspectmed	adr	Question A: Suspect medication			MAN		V-ADR010-F
5	ELE	anssuspectmed	suspectmed	Suspect medication	250	AN	MAN	Free form text	
5	ELE	dosesusp	suspectmed	Dose of suspected medication	50	AN	MAN	Free form text	
5	ELE	frequencysusp	suspectmed	Frequency of suspected medication	50	AN	MAN	Free form text	
5	ELE	strengthsusp	suspectmed	Strength/Concentration of suspected medication	50	AN	OPT	Free form text	
5	ELE	routesusp	suspectmed	Route code of medication prescribed	2	N	MAN	"1" – "16". Please refer to Appendix H – Medication Route Code for definition	
5	ELE	otherroutesusp	suspectmed	Other (Specify)	50	AN	CON	Free form text. Required only if the value of routesusp is "14" - Other	
5	ELE	startdatesusp	suspectmed	Start Date	10	DATE	OPT	YYYY-MM-DD format	
5	ELE	stopdatesusp	suspectmed	Stop Date	10	DATE	OPT	YYYY-MM-DD format	

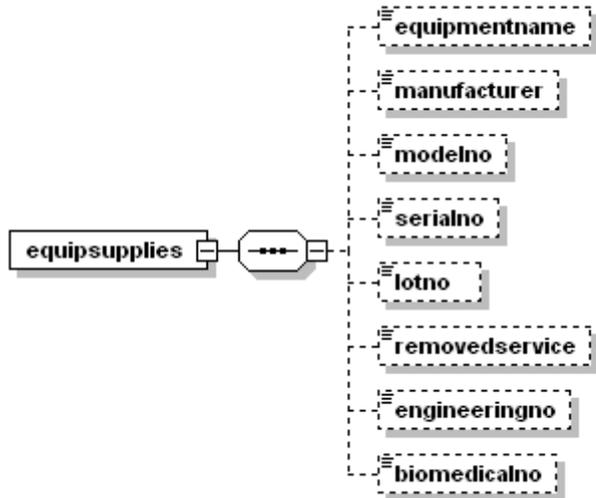
Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ADVERSE DRUG REACTION PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	addlsuspectedmed	adr	Question B: Additional suspected drug			OPT		V-ADR020-F
5	ELE	ansaddlsuspectedmed	addlsuspectedmed	Additional suspected drug	250	AN	OPT	Free form text	
5	ELE	doseaddl	addlsuspectedmed	Dose of additional suspected medication	50	AN	OPT	Free form text	
5	ELE	frequencyaddl	addlsuspectedmed	Frequency of additional suspected medication	50	AN	OPT	Free form text	
5	ELE	strengthaddl	addlsuspectedmed	Strength/Concentration of additional suspected medication	50	AN	OPT	Free form text	
5	ELE	routeaddl	addlsuspectedmed	Route code of medication prescribed	2	N	OPT	"1" – "16". Please refer to Appendix H – Medication Route Code for definition	
5	ELE	otherrouteaddl	addlsuspectedmed	Other (Specify)	50	AN	CON	Free form text. Required only if the value of routeaddl is "14" - Other	
5	ELE	startdateaddl	addlsuspectedmed	Start Date	10	DATE	OPT	YYYY-MM-DD format	
5	ELE	stopdateaddl	addlsuspectedmed	Stop Date	10	DATE	OPT	YYYY-MM-DD format	
4	ELE	adrabated	adr	Question C: ADR abated after use stopped or reduced?	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	V-ADR030-F
4	ELE	adrreappeared	adr	Question D: ADR reappeared after reintroduction?	1	N	OPT	"1" – Yes "2" – No	V-ADR040-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ADVERSE DRUG REACTION PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								"3" – Not Applicable	
4	ELE	drugappropriate	adr	Question E: Was drug involved appropriate for condition?	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	V-ADR050-F
4	ELE	testperformed	adr	Question F: Were appropriate therapeutic drug monitoring or other lab tests performed and results used?	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	V-ADR060-F
4	ELE	toxicdocumented	adr	Question G: Toxic serum drug level documented?	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	V-ADR070-F
4	ELE	adrhistory	adr	Question H: Previously documented history of allergy or reaction to drug?	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	V-ADR080-F
4	ELE	adrinteraction	adr	Question I: Drug-drug, drug-food or drug-lab interaction involved in ADR?			OPT		V-ADR090-F
5	ELE	ansadrinteraction	adrinteraction	Answer to Drug-drug, drug-food or drug-lab interaction involved in ADR	1	N	OPT	"1" – Yes "2" – No "3" – Not Applicable	
5	ELE	interactionwith	adrinteraction	Interaction with what?	200	AN	OPT	Free text field	
4	ELE	noncompliance	adr	Question J: Inadequate patient	1	N	OPT	"1" – Yes	V-ADR100-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ADVERSE DRUG REACTION PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
				compliance involve in ADR?				"2" – No "3" – Not Applicable	
4	ELE	causalrelation	adr	Question K: ADR Analysis – Causal Relationship	2	N	OPT	"1" – "5" Please refer to Appendix J – ADR Analysis Causal Relationship Codes	V-ADR110-F R-ADR110-F
4	ELE	severityindex	adr	Question L: ADR Analysis – Severity Index	2	N	OPT	"1" – "7" Please refer to Appendix K – ADR Analysis Severity Index Codes	V-ADR120-F R-ADR120-F

2.7 EQUIPMENT / SUPPLIES / DEVICES EVENT DETAIL - <equipsupplies>

For a report where the event type is Equipment/ Supplies/ Devices, the event detail element, *equipsupplies*, MAY be included.

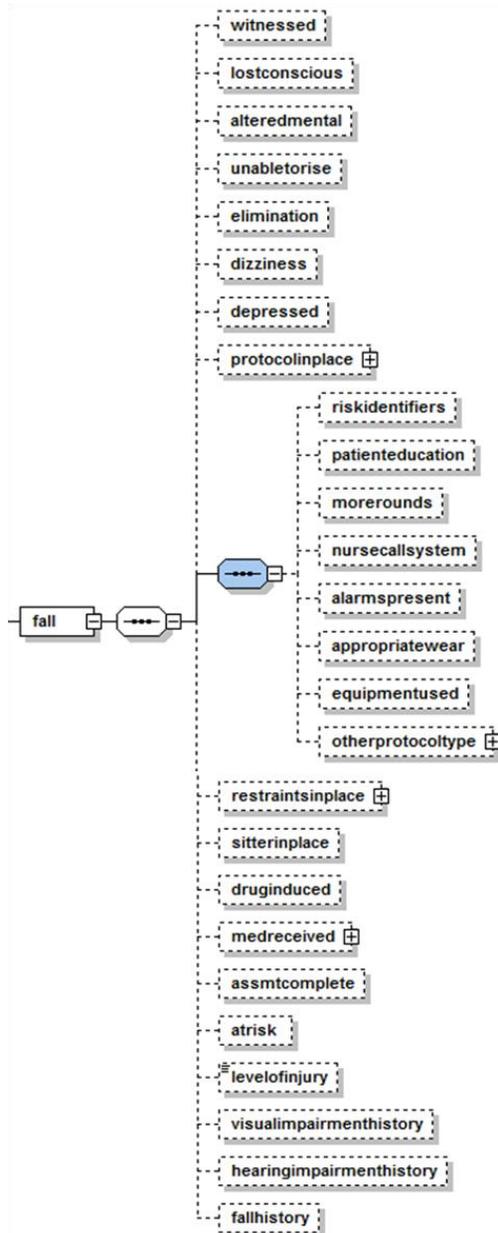


Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	EQUIPMENT SUPPLIES PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element of Equipment / Supplies detailed question.			OPT		V-EVD010-F
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	"EQP" – Equipment If eventdetail element is included type is mandatory.	
3	ELE	equipsupplies	eventdetail	Container element for answers to Equipment / Supplies detailed			OPT		

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	EQUIPMENT SUPPLIES PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
				questions.					
4	ELE	equipmentname	equipsupplies	Question A: Equipment Name	75	AN	OPT	Free form text	V-EQP010-F
4	ELE	manufacturer	equipsupplies	Question B: Manufacturer	75	AN	OPT	Free form text	V-EQP020-F
4	ELE	modelno	equipsupplies	Question C: Model No	25	AN	OPT	Free form text	V-EQP030-F
4	ELE	serialno	equipsupplies	Question D: Serial No	25	AN	OPT	Free form text	V-EQP040-F
4	ELE	lotno	equipsupplies	Question E: Lot No	25	AN	OPT	Free form text	V-EQP050-F
4	ELE	removedservice	equipsupplies	Question F: Removed from service	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-EQP060-F
4	ELE	engineeringno	equipsupplies	Question G: Biomedical Engineering#	25	AN	OPT	Free form text	V-EQP070-F
4	ELE	biomedicalno	equipsupplies	Question H: Biomedical Asset#	25	AN	OPT	Free form text	V-EQP080-F

2.8 FALL EVENT DETAIL - <fall>

For a report where the event type is Fall, the event detail element, *fall*, MAY be included.



Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	FALL PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element of a Fall detailed question.			OPT		V-EVD010-F
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	"FAL" - Fall If eventdetail element is included type is mandatory.	
3	ELE	fall	eventdetail	Container for the answers to Fall detail questions.			OPT		
4	ELE	witnessed	fall	Question A: Witnessed	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL010-F
4	ELE	lostconscious	fall	Question B: Patient lost consciousness	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL020-F
4	ELE	alteredmental	fall	Question C: Altered mental status	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL030-F
4	ELE	unabletorise	fall	Question D: Patient requires assistance to rise from chair	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL040-F
4	ELE	elimination	fall	Question E: Altered elimination	1	N	OPT	"1" – Yes	V-FAL050-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	FALL PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								"2" – No "3" - Unknown	
4	ELE	dizziness	fall	Question F: Dizziness or vertigo	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL060-F
4	ELE	depressed	fall	Question G: Patient depressed	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL070-F
4	ELE	protocolinplace	fall	Question H: Fall precaution / protocol in place	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL080-F R-FAL093-F R-FAL094-F
4	ELE	riskidentifiers	fall	Patient risk identifiers	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
4	ELE	patienteducation	fall	Patient and family education	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
4	ELE	morerounds	fall	Hourly (or more frequent) comfort and toileting rounds	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	FALL PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
4	ELE	nursecallsystem	fall	Nurse call system	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
4	ELE	alarmpresent	fall	Alarms present: bed exit, or chair	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
4	ELE	appropriatewear	fall	Appropriate footwear/clothing	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
4	ELE	equipmentused	fall	Equipment used: bedrails up, high-low beds, fall mats	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
4	ELE	otherprotocoltype	fall	Other (specify)	1	N	SEL	"1" – Yes MAY be submitted if protocolinplace = "1" - Yes, otherwise MUST be omitted.	
	ATT	protocoltype	otherprotocoltype	Type of Fall precaution /protocol in place	50	AN	CON	Free form text. Mandatory if answer is "1" - Yes, otherwise it MUST be omitted.	R-FAL092-F
4	ELE	restraintsinplace	fall	Question I: Restraints in place	1	N	OPT	"1" – Yes	V-FAL090-F

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	FALL PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
								"2" – No "3" - Unknown	
	ATT	restrainttype	restraintsinplace	Type of restrains in place (e.g., wrist, vest, 4-point)	50	AN	CON	Free form text. Mandatory if answer is "1" - Yes, otherwise it MUST be omitted.	R-FAL091-F
4	ELE	sitterinplace	fall	Question J: Sitter in place	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL100-F
4	ELE	druginduced	fall	Question K: Was fall drug induced	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL110-F
4	ELE	medreceived	fall	Question L: Medications the patient received prior to the fall (check all that apply)			OPT		V-FAL120-F
5	ELE	benzodiazepines	medreceived	Benzodiazepines (e.g., Valium, tivan)	1	N	SEL	"1" - Yes	
5	ELE	painmed	medreceived	Pain medications / opiates	1	N	SEL	"1" - Yes	
5	ELE	anticoagulants	medreceived	Anticoagulants	1	N	SEL	"1" - Yes	
5	ELE	laxatives	medreceived	Laxatives	1	N	SEL	"1" - Yes	
5	ELE	diuretics	medreceived	Diuretics	1	N	SEL	"1" - Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	FALL PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
5	ELE	cardiacmeds	medreceived	Cardiac Medications	1	N	SEL	"1" - Yes	
5	ELE	antiseizure	medreceived	Anti-seizure medications	1	N	SEL	"1" - Yes	
5	ELE	antipsychotics	medreceived	Antipsychotics	1	N	SEL	"1" - Yes	
5	ELE	othermeds	medreceived	Other (specify)	1000	AN	SEL	Free form text	
4	ELE	assmtcomplete	fall	Question M: Fall risk assessment completed	1	N	OPT	"1" – Yes "2" – No "3" - Unknown	V-FAL130-F
4	ELE	atrisk	fall	Question N: At the time of last assessment, was patient determined at risk	1	N	OPT	"1" – Yes "2" – No "3"-- Unknown	V-FAL140-F
4	ELE	levelofinjury	fall	Question O: Level of injury code as a result of the fall (check one)	2	N	OPT	"1" - "5". Please refer to Appendix L - Fall Level of Injury for code definition	V-FAL150-F
4	ELE	visualimpairmenthistory	fall	Question P: Does patient have recent history of visual impairment	1	N	OPT	"1" – Yes "2" – No "3"-- Unknown	
4	ELE	hearingimpairmenthistory	fall	Question Q: Does patient have recent history of hearing impairment	1	N	OPT	"1" – Yes "2" – No "3"-- Unknown	
4	ELE	fallhistory	fall	Question R: Does patient have	1	N	OPT	"1" – Yes	

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	FALL PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
				prior history of falls				"2" – No "3"-- Unknown	

2.9 ERROR RELATED TO PROCEDURE / TREATMENT / TEST EVENT DETAIL - <ptt>

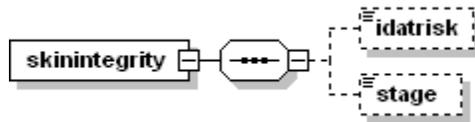
For a report where the event type is Error Related to Procedure/ Treatment/ Test, the event detail element, *ptt*, MAY be included. .



Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	PTT Error PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element of a PTT detailed question.			OPT		V-EVD010-F
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	"PTT" - Procedure, Treatment, Test Error If eventdetail element is included type is mandatory.	
3	ELE	ptt	eventdetail				OPT		
4	ELE	identifyptt	ptt	Question A: Identify Procedure / Treatment / Test	80	AN	OPT	Free from text	V-PTT010-F

2.10 SKIN INTEGRITY EVENT DETAIL - <skinintegrity>

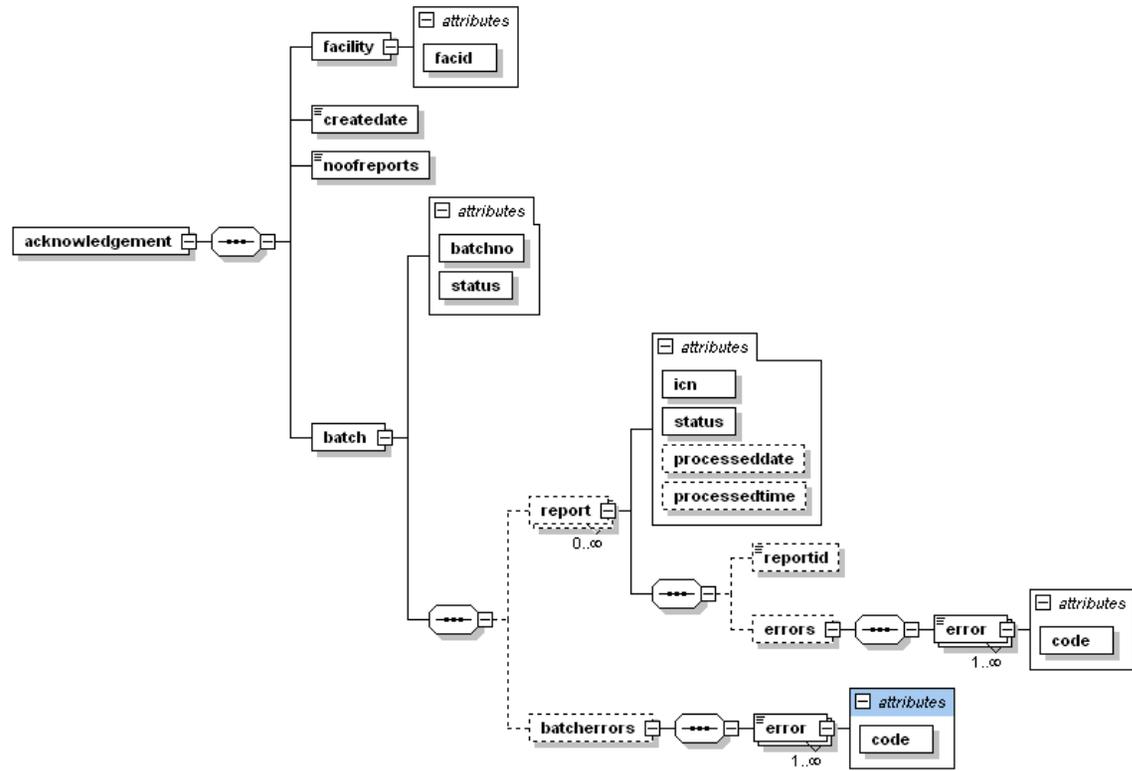
For a report where the event type is Skin Integrity, the event detail element, *skinintegrity*, MAY be included.



Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	SKIN INTEGRITY PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules	Error Codes
2	ELE	eventdetail	report	An anchor element of a Skin Integrity detailed question.			OPT		V-EVD010-F
	ATT	type	eventdetail	The type of event details being reported.	3	AN	MAN	"SKN" - Skin Integrity If eventdetail element is included type is mandatory.	
3	ELE	skinintegrity	eventdetail	Container element for Skin Integrity.			OPT		
4	ELE	idatrisk	skinintegrity	Question A: Identified as at-risk at assessment	1	N	OPT	"1" – Yes "2" – No	V-SKN010-F
4	ELE	stage	skinintegrity	Question B: Stage	1	N	OPT	"0" – "5" Please refer to Appendix M – Stage Skin Integrity	V-SKN020-F

3 Acknowledgement Report File Element Definition

After the completion of the processing of each batch file, an acknowledgment report file is created communicating the batch and each individual report's success or failure.



3.1 Root – <acknowledgement>

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	ACKNOWLEDGEMENT PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules
root	ELE	acknowledgement		Serves as the root element of the PA-PSRS.			MAN	
0	ELE	facility	acknowledgement	Contains information of the facility who owns the reports contained in this XML document.			MAN	
0	ATT	facid	facility	A unique identification assigned by the Department of Health to a facility.	8	AN	MAN	
0	ELE	createdate	acknowledgement	The date when the XML document is created.	10	DATE	MAN	Must be in CCYY-MM-DD format. For example: For example, Sept 5, 2005 is represented as "2005-09-05"
0	ELE	noofreports	acknowledgement	Indicates the number of reports included in this XML document.	3	N	MAN	1-999
0	ELE	batch	acknowledgement	Defines the container element of all the reports in this XML document.			MAN	Refer to the definition of the "Batch" table.
	ATT	batchno	batch	Indicates the batch number assigned to the Data Report File (DRF).	7	N	MAN	0000001-9999999. Leading zeroes MUST not be suppressed. This element is the same batchno sent in the DRF file.
	ATT	status	batch	Indicates if the batch is rejected or processed. If rejected, all reports contained within the batch are rejected	1	N	MAN	0 – Success 1 - Rejected

3.2 Report

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	BATCH PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules
1	ELE	report	batch	An anchor element of a report.			MAN	
	ATT	icn	report	A unique Internal Control Number (ICN) assigned to each report by the facility.	50	AN	MAN	The value is specific to a facility
	ATT	status	report	Indicates if the report is submitted to the PA-PSRS system or rejected due to errors.	1	N	MAN	"0" – Success "1" – Failed
	ATT	processeddate	report	Date the report was processed	10	DATE	MAN	Must be in CCYY-MM-DD format. For example: For example, Sept 5, 2005 is represented as "2005-09-05"
	ATT	processedtime	report	Time the report was processed	4	N	MAN	HHMM expressed in military time: "0000" – "2359"
2	ELE	reportid	report	Indicates the Report Identification assigned by PA-PSRS to this report.	11	AN	CON	Required if the status is "0" - Success
2	ELE	errors	report	An anchor element for all report level errors.			CON	Required if the status is "1" - Failed
3	ELE	error	errors	One element for each error.	1024	AN	OPT	Contains text describing the specific error.
	ATT	code	error	Error codes.	10	AN	MAN	Refer to Appendix N – Error Codes and Messages

3.3 Batcherrors

Level	Name Type	Element / Attribute Name	Parent Element / Attribute for	BATCH PA-PSRS Intake Question / Description	Max Len	Data Type	Req	Possible Values/Rules
1	ELE	batcherrors	batch	An anchor element for batch level errors			CON	Required if the batch status is "1" - Failed
2	ELE	error	batcherrors	One element for each error	1024	AN	OPT	Contains text describing the specific error.
	ATT	code	error	Error codes.	10	AN	MAN	Refer to Appendix N – Error Codes and Messages