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## Model Documentation

### Model Detail

This document provides a complete overview of all element details. For simpler and more focused reports, simply copy this initial template and turn off the sections not required.

### Cardiovascular DAM

**Type:** Package  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** Logical View  
**Detail:** Created on 4/21/2003. Last modified on 11/26/2007  
**GUID:** {A3D1F03C-B7B2-4842-8452-CF6EA6A2EEAF}

This model captures the relevant information for the diagnosis and treatment of acute coronary syndromes. "[Acute coronary syndromes] is an umbrella term used to cover any group of clinical symptoms compatible with acute myocardial ischemia. Acute myocardial ischemia is chest pain due to insufficient blood supply to the heart muscle that results from coronary artery disease (also called coronary heart disease)." from AmericanHeart.org

### CVDAMPackage

**Type:** Package  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** Cardiovascular DAM  
**Detail:** Created on 11/26/2007. Last modified on 11/26/2007  
**GUID:** {D2CF5667-2414-414c-B767-C5196DC7C828}

#### CVDAMPackage - (Package diagram)

**Created By:** on 11/26/2007  
**Last Modified:** 11/26/2007  
**Version:** 1.0. **Locked:** False  
**GUID:** {FDFFC01C-0493-4707-8FCA-D2960CE6D544}

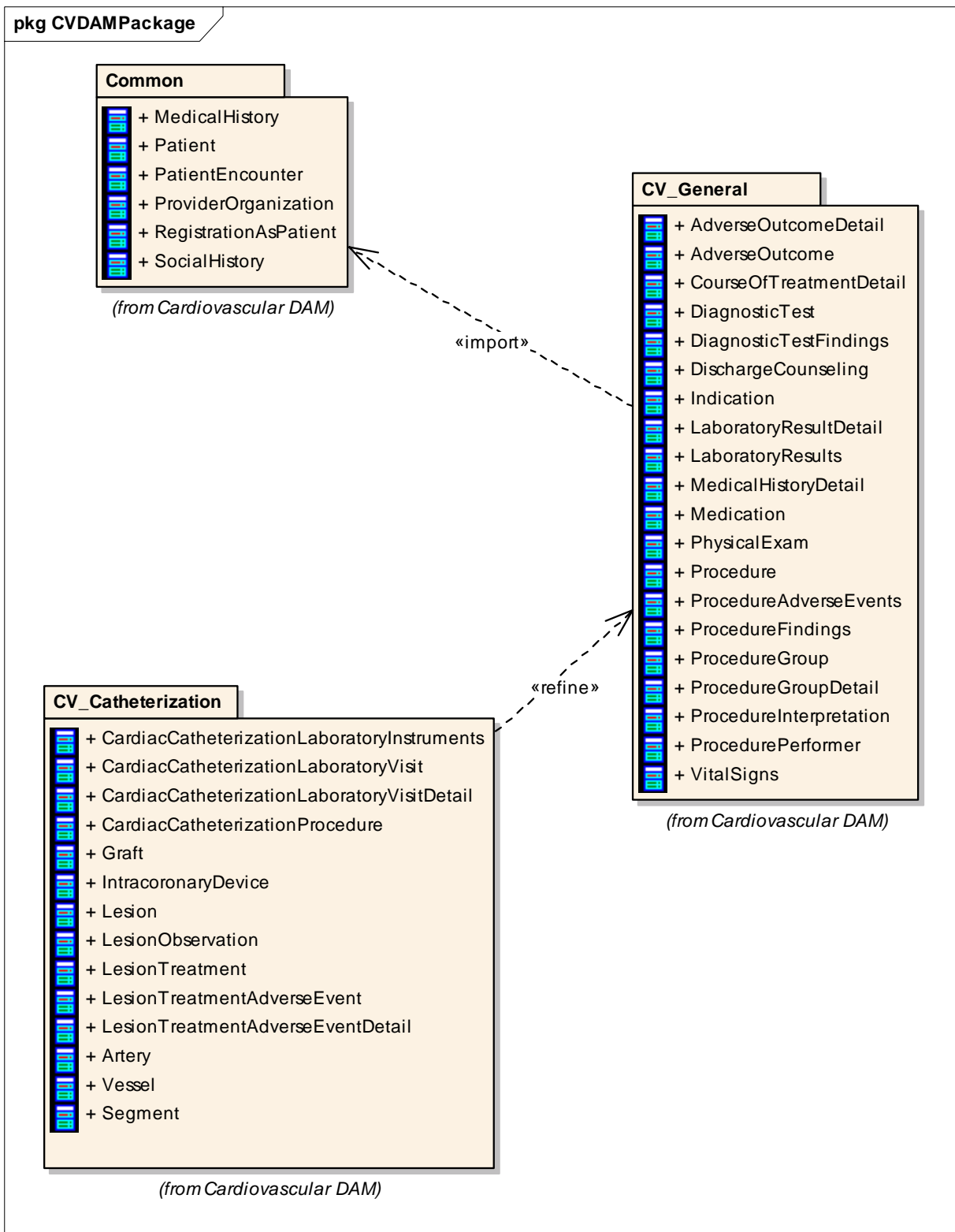


Figure: 1

## CV\_Catheterization

*Type:* **Package**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* Cardiovascular DAM  
*Detail:* Created on 10/29/2007. Last modified on 11/16/2007  
*GUID:* {2F0BF4CD-50D9-407e-B93F-5A02396A8772}

This package captures information specific to the diagnosis and treatment of acute coronary symptoms.

### **CV Catheterization** - (Logical diagram)

*Created By:* on 10/29/2007  
*Last Modified:* 11/9/2007  
*Version:* 1.0. *Locked:* False  
*GUID:* {ED618566-8087-4603-A3C8-E6035CCBBFC4}

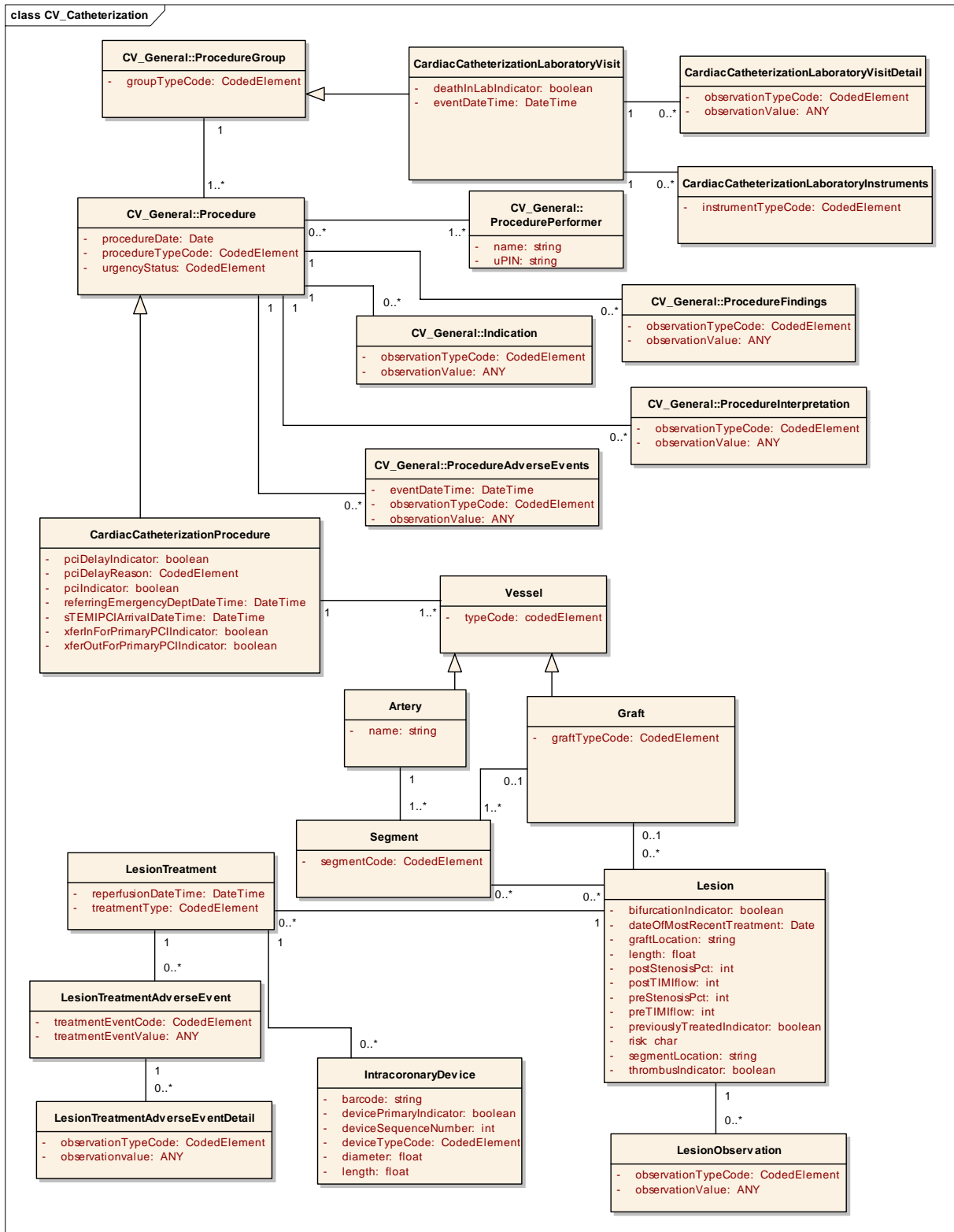


Figure: 2

## CardiacCatheterizationLaboratoryInstruments

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_Catheterization **Keywords:**  
**Detail:** Created on 6/28/2007. Last modified on 10/29/2007.  
**GUID:** {E3CC534B-7F72-4581-9E5B-4D5EAA1F955E}

This class contains instruments common to all procedures that may be done within a single cardiac catheterization lab visit. This may include closure devices, guidewire, or IVUS.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public CardiacCatheterization LaboratoryVisit	Public CardiacCatheterization LaboratoryInstruments	

### Attributes

Attribute	Notes	Constraints and tags
<b>instrumentTypeCode</b> CodedElement Private	Coded value that indicates the type of instrument used.	<i>Default:</i>

## CardiacCatheterizationLaboratoryVisit

**Type:** **Class** **ProcedureGroup**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_Catheterization **Keywords:**  
**Detail:** Created on 2/19/2007. Last modified on 10/29/2007.  
**GUID:** {0A10019B-E11B-4bb4-BA42-01D74CFF3D2E}

Information about a visit to the cardiac catheterization lab within the context of an encounter. In some cases, there will be multiple visits for an encounter.

### Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<b><u>Dependency</u></b> Source -> Destination	Public Cardiac Catheterization	Public CardiacCatheterization LaboratoryVisit	
<b><u>Association</u></b> Unspecified	Public CardiacCatheterization LaboratoryVisit	Public CardiacCatheterization LaboratoryVisitDetail	
<b><u>Generalization</u></b> Source -> Destination	Public CardiacCatheterization LaboratoryVisit	Public ProcedureGroup	
<b><u>Association</u></b> Unspecified	Public CardiacCatheterization LaboratoryVisit	Public CardiacCatheterization LaboratoryInstruments	

Attributes

Attribute	Notes	Constraints and tags
<b>deathInLabIndicator</b> boolean Private	Indicator of whether the patient died in the cardiac catheterization lab.	<i>Default:</i>
<b>eventDateTime</b> DateTime Private	The date and time of the cardiac catheterization lab visit. The time is collected so as to clarify the order in which visits took place, and to allow for multiple visits within a single day.	<i>Default:</i>

**CardiacCatheterizationLaboratoryVisitDetail**

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_Catheterization **Keywords:**  
**Detail:** Created on 2/19/2007. Last modified on 10/29/2007.  
**GUID:** {7076AAF4-5C34-4343-9F7D-76803D31EC94}

This class collects observations that were collected within the context of a visit to a lab or testing procedure. Examples of these types of observations would be fluoroscopy time or contrast volume.

Custom Properties

**Custom Properties**

- isActive = False

**Connections**

Connector	Source	Target	Notes
<b><u>Dependency</u></b> Source -> Destination	Public Cardiac Catheterization	Public CardiacCatheterization LaboratoryVisitDetail	
<b><u>Association</u></b> Unspecified	Public CardiacCatheterization LaboratoryVisit	Public CardiacCatheterization LaboratoryVisitDetail	

**Attributes**

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the specific type of observation that is being captured.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the observation coded in observationTypeCode.	<i>Default:</i>

**CardiacCatheterizationProcedure**

**Type:** **Class** **Procedure**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_Catheterization ***Keywords:***  
**Detail:** Created on 2/19/2007. Last modified on 10/29/2007.  
**GUID:** {A540EEF6-578E-4ef8-A630-DC95F3064C01}

A specific procedure, whether diagnostic or treatment oriented, e.g., PCI, that is carried out on the patient in the cardiac catheterization lab.

**Custom Properties**

- isActive = False

Connections

Connector	Source	Target	Notes
<b>Dependency</b> Source -> Destination	Public Cardiac Catheterization	Public CardiacCatheterization Procedure	
<b>Association</b> Unspecified	Public CardiacCatheterization Procedure	Public Vessel	
<b>Generalization</b> Source -> Destination	Public CardiacCatheterization Procedure	Public Procedure	

Attributes

Attribute	Notes	Constraints and tags
<b>pciDelayIndicator</b> boolean Private	Indicate if PCI was delayed after hospital arrival.	<i>Default:</i>
<b>pciDelayReason</b> CodedElement Private	Indicate the documented reason for a delay in doing the first PCI after hospital arrival.	<i>Default:</i>
<b>pciIndicator</b> boolean Private	Indicator of whether this was a PCI procedure.	<i>Default:</i>
<b>referringEmergencyDept DateTime</b> DateTime Private	Date and time of arrival to the original, transferring facility as documented in the medical record, or the initial onset of ST elevation MI symptoms that occurred at the transferring facility, if it occurred after admission to the transferring facility.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>sTEMIPCIArrivalDateTime</b> DateTime Private	(only for patients undergoing PCI for STEMI) Date and time the patient arrived at the facility for PCI or date and time of the initial onset of ST elevation MI symptoms if occurred after the date and time of admission but during hospitalization.	<i>Default:</i>
<b>xferInForPrimaryPCIIndicator</b> boolean Private	Indicator of whether the patient was transferred in to this facility for primary PCI.	<i>Default:</i>
<b>xferOutForPrimaryPCIIndicator</b> boolean Private	Indicator of whether the patient was transferred to another facility for primary PCI.	<i>Default:</i>

## Graft

**Type:** Class Vessel  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_Catheterization *Keywords:*  
**Detail:** Created on 4/6/2007. Last modified on 10/29/2007.  
**GUID:** {C830D613-DDC3-4ec9-9855-B868F118EB15}

Holds information specific to a coronary artery bypass graft.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public Graft	Public Lesion	
<b>Generalization</b> Source -> Destination	Public Graft	Public Vessel	
<b>Association</b> Unspecified	Public Segment	Public Graft	

Connector	Source	Target	Notes

Attributes

Attribute	Notes	Constraints and tags
<b>graftTypeCode</b> CodedElement Private	Coded indication of the specific type of vessel used as graft.	<i>Default:</i>

**IntracoronaryDevice**

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_Catheterization *Keywords:*  
*Detail:* Created on 5/24/2007. Last modified on 10/29/2007.  
*GUID:* {FDC05A8A-BE48-4285-A8B4-18D9482CA0AA}

Holds information on an intracoronary device used in lesion treatment.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public LesionTreatment	Public IntracoronaryDevice	

Attributes

Attribute	Notes	Constraints and tags
<b>barcode</b> string Private	Barcode of the intracoronary device.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>devicePrimaryIndicator</b> boolean Private	Indicator of whether the given device was the primary device in treatment of the lesion.	<i>Default:</i>
<b>deviceSequenceNumber</b> int Private	Sequence number of device deployment within the context of the treatment of a single lesion.	<i>Default:</i>
<b>deviceTypeCode</b> CodedElement Private	A coded indication of the type of intracoronary device.	<i>Default:</i>
<b>diameter</b> float Private	Diameter (in mm) of the intracoronary device.	<i>Default:</i>
<b>length</b> float Private	Length (in mm) of the intracoronary device.	<i>Default:</i>

## Lesion

*Type:*

*Status:*

*Package:*

*Detail:*

*GUID:*

### Class

Proposed. Version 1.0. Phase 1.0.

CV\_Catheterization *Keywords:*

Created on 3/26/2007. Last modified on 10/29/2007.

{8DD6C17D-FE8E-4fc7-A2C8-FFD6EA629A3D}

Holds information about a specific coronary lesion.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public Graft	Public Lesion	
<u>Association</u> Unspecified	Public Lesion	Public LesionTreatment	
<u>Association</u> Unspecified	Public Lesion	Public LesionObservation	
<u>Association</u> Unspecified	Public Lesion	Public Segment	

Attributes

Attribute	Notes	Constraints and tags
<b>bifurcationIndicator</b> boolean Private	Indicates whether lesion has a bifurcation.	<i>Default:</i>
<b>dateOfMostRecentTreatment</b> Date Private	If the lesion had been previously treated, date of the most recent treatment.	<i>Default:</i>
<b>graftLocation</b> string Private	Location (aortic, body, distal) of lesion within graft.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>length</b> float Private	Lesion length in mm.	<i>Default:</i>
<b>postStenosisPct</b> int Private	Lesion post-procedure percent stenosis.	<i>Default:</i>
<b>postTIMIflow</b> int Private	Lesion post-procedure TIMI flow.	<i>Default:</i>
<b>preStenosisPct</b> int Private	Lesion pre-procedure percent stenosis.	<i>Default:</i>
<b>preTIMIflow</b> int Private	Lesion pre-procedure TIMI flow.	<i>Default:</i>
<b>previouslyTreatedIndicator</b> boolean Private	Indicates whether the lesion had been previously treated.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>risk</b> char Private	Lesion risk classification.	<i>Default:</i>
<b>segmentLocation</b> string Private	Location (proximal, distal) of lesion within segment.	<i>Default:</i>
<b>thrombusIndicator</b> boolean Private	Indicator of thrombus in the lesion.	<i>Default:</i>

## LesionObservation

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_Catheterization *Keywords:*  
*Detail:* Created on 2/19/2007. Last modified on 10/29/2007.  
*GUID:* {E48AA036-B0A6-4c34-B035-E2D9D796A3B0}

The class includes observations relevant to the lesion.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b><u>Dependency</u></b> Source -> Destination	Public Cardiac Catheterization	Public LesionObservation	
<b><u>Association</u></b> Unspecified	Public Lesion	Public LesionObservation	

Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the observation being captured.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value of the observation. The datatype and, if the observation is coded, the range of possible values, is determined by the observation type code.	<i>Default:</i>

**LesionTreatment**

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_Catheterization *Keywords:*  
*Detail:* Created on 3/26/2007. Last modified on 10/29/2007.  
*GUID:* {E3D12DF6-0B5B-4c8a-8C31-CACEC8F16ED7}

Holds information about the treatment for a particular lesion.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public LesionTreatment	Public IntracoronaryDevice	
<b><u>Association</u></b> Unspecified	Public LesionTreatment	Public LesionTreatmentAdverseEvent	
<b><u>Association</u></b> Unspecified	Public Lesion	Public LesionTreatment	

Attributes

Attribute	Notes	Constraints and tags
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Attribute	Notes	Constraints and tags
<b>reperfusionDateTime</b> DateTime Private	The time at which the intracoronary treatment device was first deployed.	<i>Default:</i>
<b>treatmentType</b> CodedElement Private	A coded indication of the type of treatment for the lesion. Examples are balloon and bare metal stent.	<i>Default:</i>

## LesionTreatmentAdverseEvent

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_Catheterization *Keywords:*  
*Detail:* Created on 3/27/2007. Last modified on 10/29/2007.  
*GUID:* {6E751963-26B8-48bf-8B0E-A759C511783C}

This class holds information on adverse events directly related to the treatment of a particular lesion. This may be an event such as dissection, acute closure, or perforation.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public LesionTreatment	Public LesionTreatmentAdverseEvent	
<b>Association</b> Unspecified	Public LesionTreatmentAdverseEvent	Public LesionTreatmentAdverseEventDetail	

### Attributes

Attribute	Notes	Constraints and tags
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Attribute	Notes	Constraints and tags
<b>treatmentEventCode</b> CodedElement Private	A coded indication of the type of adverse event.	<i>Default:</i>
<b>treatmentEventValue</b> ANY Private	The value associated with the adverse event coded in treatmentEventCode.	<i>Default:</i>

## LesionTreatmentAdverseEventDetail

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_Catheterization *Keywords:*  
*Detail:* Created on 4/6/2007. Last modified on 11/13/2007.  
*GUID:* {60B638C5-8A47-4604-898A-F49468FB85DD}

This class holds additional detailed information on an adverse event directly related to the treatment of a particular lesion. For example, if an acute closure event occurred, this class would hold the information as to whether there was a successful reopening.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public LesionTreatmentAdvers eEvent	Public LesionTreatmentAdvers eEventDetail	

### Attributes

Attribute	Notes	Constraints and tags
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Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the observation being recorded.	<i>Default:</i>
<b>observationvalue</b> ANY Private	The value associated with the observation coded in observationTypeCode.	<i>Default:</i>

## Artery

*Type:* **Class** **Vessel**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_Catheterization *Keywords:*  
*Detail:* Created on 5/16/2007. Last modified on 10/29/2007.  
*GUID:* {51FB780E-26A8-499d-9E85-8EB5CF9BED76}

Holds information about a coronary artery.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public Artery	Public Segment	
<b><u>Generalization</u></b> Source -> Destination	Public Artery	Public Vessel	

### Attributes

Attribute	Notes	Constraints and tags
-----------	-------	----------------------

Attribute	Notes	Constraints and tags
<b>name</b> string Private	Name of the artery.	<i>Default:</i>

## Vessel

*Type:*

**Class**

*Status:*

Proposed. Version 1.0. Phase 1.0.

*Package:*

CV\_Catheterization *Keywords:*

*Detail:*

Created on 6/28/2007. Last modified on 10/29/2007.

*GUID:*

{AF66551B-117D-4c8f-B670-DC00303F5514}

Holds information about a coronary vessel.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public CardiacCatheterization Procedure	Public Vessel	
<b><u>Generalization</u></b> Source -> Destination	Public Graft	Public Vessel	
<b><u>Generalization</u></b> Source -> Destination	Public Artery	Public Vessel	

### Attributes

Attribute	Notes	Constraints and tags
<b>typeCode</b> codedElement Private	Indicates type (artery or vein) of vessel.	<i>Default:</i>

## Segment

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_Catheterization **Keywords:**  
**Detail:** Created on 3/26/2007. Last modified on 11/13/2007.  
**GUID:** {56B7053F-1262-4964-8F1F-6C066D3EF8CD}

Holds information about a particular segment within a coronary artery.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public Artery	Public Segment	
<b>Association</b> Unspecified	Public Lesion	Public Segment	
<b>Association</b> Unspecified	Public Segment	Public Graft	

### Attributes

Attribute	Notes	Constraints and tags
<b>segmentCode</b> CodedElement Private	A coded indication that identifies the segment.	<i>Default:</i>

## CV\_General

**Type:** **Package**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** Cardiovascular DAM  
**Detail:** Created on 10/29/2007. Last modified on 11/16/2007  
**GUID:** {CEC2A0F6-0B97-44d8-8AAA-97091DC55C31}

This package captures information useful in diagnosis and treatment of acute coronary syndromes, but the information is not specific to the domain of acute coronary syndromes.

### CV\_General - (Logical diagram)

**Created By:** on 10/29/2007

*Last Modified:* 11/13/2007  
*Version:* 1.0. *Locked:* False  
*GUID:* {6AA68C5F-A476-44c0-B4D3-604CE0955D65}

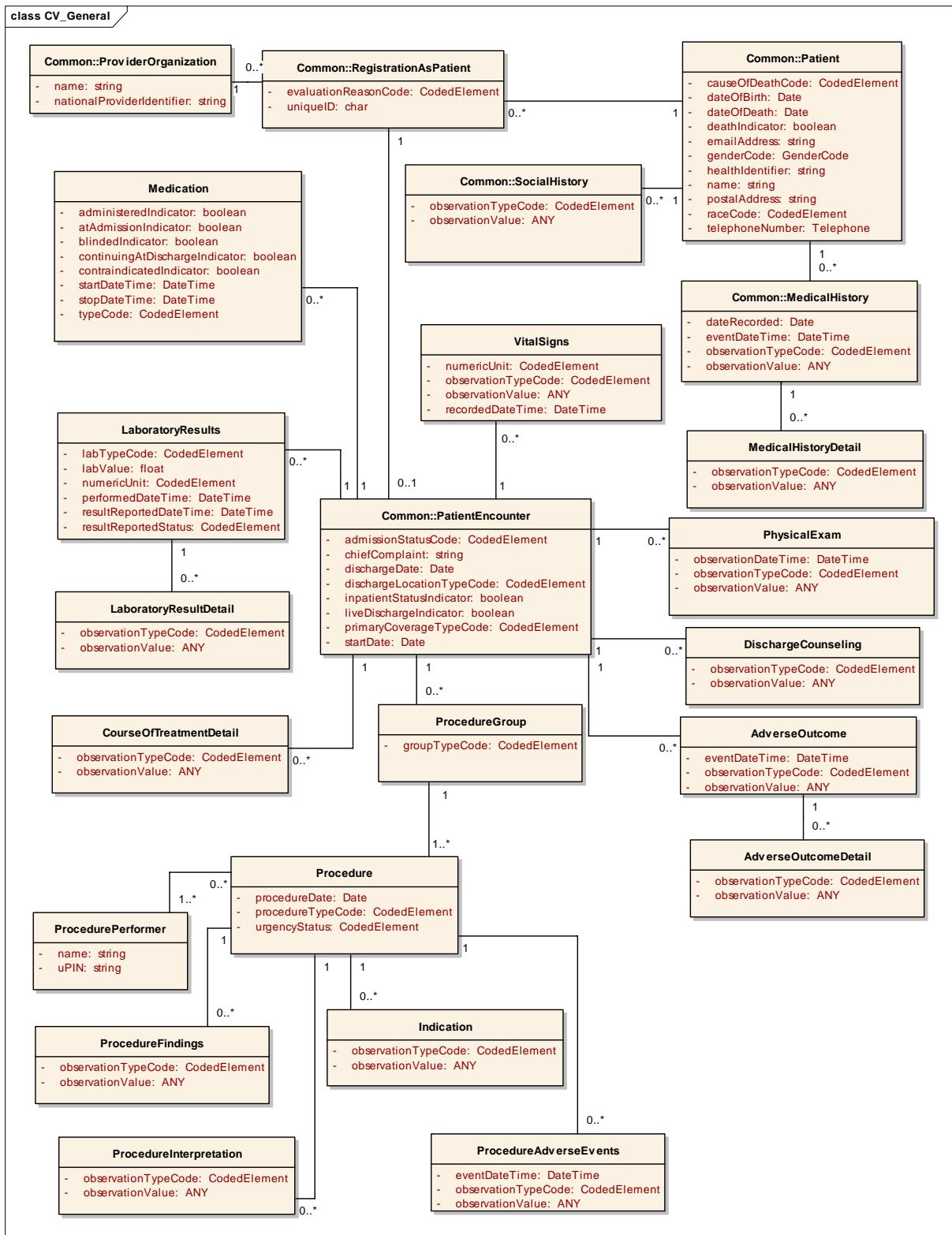


Figure: 3

## AdverseOutcomeDetail

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General **Keywords:**  
**Detail:** Created on 4/6/2007. Last modified on 10/29/2007.  
**GUID:** {CF15EFFE-AE05-4538-A018-4B601D308AA5}

This class holds more detailed information about an adverse outcome.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public AdverseOutcome	Public AdverseOutcomeDetail	

### Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the detail regarding an adverse outcome.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the adverse outcome detail observation encoded in observationTypeCode.	<i>Default:</i>

## AdverseOutcome

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General **Keywords:**  
**Detail:** Created on 2/19/2007. Last modified on 10/29/2007.  
**GUID:** {4763451D-DAF6-4938-A106-CF4C45297848}

This class supports a range of observations regarding adverse outcomes that occur during the encounter.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public PatientEncounter	Public AdverseOutcome	
<b>Association</b> Unspecified	Public AdverseOutcome	Public AdverseOutcomeDetail	
<b>Dependency</b> Source -> Destination	Public Cardiac Catheterization	Public AdverseOutcome	

### Attributes

Attribute	Notes	Constraints and tags
<b>eventDateTime</b> DateTime Private	The date and time that the adverse outcome occurred.	<i>Default:</i>
<b>observationTypeCode</b> CodedElement Private	A coded indication of an adverse outcome.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the adverse outcome coded in observationTypeCode.	<i>Default:</i>

## CourseOfTreatmentDetail

Type:

Class

Status:

Proposed. Version 1.0. Phase 1.0.

*Package:* CV\_General    *Keywords:*  
*Detail:* Created on 2/19/2007. Last modified on 10/29/2007.  
*GUID:* {630564D6-0644-46d2-AC71-932E83271F93}

Holds key information related to decisions in a patient's course of treatment. An example would be if a standard treatment was contraindicated.

#### Custom Properties

- isActive = False

#### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public PatientEncounter	Public CourseOfTreatmentDetail	
<b>Dependency</b> Source -> Destination	Public Cardiac Care Unit	Public CourseOfTreatmentDetail	

#### Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A code that indicates the specific type of observation that is being captured.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value of the observation. The datatype and, if the observation is coded, the range of possible values, is determined by the observation type code.	<i>Default:</i>

## DiagnosticTest

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General    *Keywords:*  
*Detail:* Created on 8/6/2007. Last modified on 10/29/2007.  
*GUID:* {0F07EAD8-EC16-4a33-A58F-896333394BA2}

Holds information about diagnostic tests in the context of an encounter.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public DiagnosticTest	Public DiagnosticTestFindings	
<b>Association</b> Unspecified	Public PatientEncounter	Public DiagnosticTest	

### Attributes

Attribute	Notes	Constraints and tags
<b>diagnosticTestCode</b> CodedElement Private	Coded indication of the type of diagnostic test.	<i>Default:</i>
<b>testDateTime</b> DateTime Private	Date and time of diagnostic test.	<i>Default:</i>

## DiagnosticTestFindings

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General **Keywords:**  
**Detail:** Created on 8/6/2007. Last modified on 10/29/2007.  
**GUID:** {9DF20094-4B74-4930-A896-D7049C5870B8}

Holds information gained from a diagnostic test.

### Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public DiagnosticTest	Public DiagnosticTestFindings	

Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of a finding from a diagnostic test.	<i>Default:</i>
<b>observationValue</b> ANY Private	Value associated with the coded finding in observationTypeCode.	<i>Default:</i>

**DischargeCounseling**

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General **Keywords:**  
**Detail:** Created on 6/28/2007. Last modified on 11/13/2007.  
**GUID:** {54C75C68-4073-4054-AE01-BBCFB5A7BB05}

Information about the instructions and counseling that a patient received upon discharge.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public PatientEncounter	Public DischargeCounseling	

Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the type of discharge counseling given to the patient.	<i>Default:</i>
<b>observationValue</b> ANY Private	A value associated with the type of discharge counseling that is indicated by observationTypeCode.	<i>Default:</i>

## Indication

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General *Keywords:*  
*Detail:* Created on 2/19/2007. Last modified on 10/29/2007.  
*GUID:* {F31363FD-1BC5-4653-B4FB-FA8BB1B7EA6B}

Information about the various conditions, observations or results that indicated the need for a procedure.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public Procedure	Public Indication	
<b><u>Dependency</u></b> Source -> Destination	Public Cardiac Catheterization	Public Indication	

### Attributes

Attribute	Notes	Constraints and tags
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Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the indication for the procedure.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the indication that is coded in observationTypeCode.	<i>Default:</i>

## LaboratoryResultDetail

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General *Keywords:*  
*Detail:* Created on 6/28/2007. Last modified on 10/29/2007.  
*GUID:* {CEEBA231-5F72-4c90-AB66-23BCB530A6BB}

This class holds additional information about a specific laboratory test. For example, it might hold the Upper Limit of Normal (ULN) for CK or CKMB enzyme readings.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public LaboratoryResults	Public LaboratoryResultDetail	

### Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the detailed laboratory result being recorded.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>observationValue</b> ANY Private	The value associated with the laboratory result detail indicated by observationTypeCode.	<i>Default:</i>

## LaboratoryResults

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General *Keywords:*  
**Detail:** Created on 3/26/2007. Last modified on 10/29/2007.  
**GUID:** {7C86009A-FEA0-467e-B710-6E6F8C5F9B0A}

Holds results of various laboratory tests performed in the context of the associated encounter.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<u><b>Association</b></u> Unspecified	Public PatientEncounter	Public LaboratoryResults	
<u><b>Association</b></u> Unspecified	Public LaboratoryResults	Public LaboratoryResultDetail	

### Attributes

Attribute	Notes	Constraints and tags
<b>labTypeCode</b> CodedElement Private	A coded indication of the laboratory test performed.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>labValue</b> float Private	The value of the result of the laboratory test indicated in labTypeCode.	<i>Default:</i>
<b>numericUnit</b> CodedElement Private	The measurement units in which the value of laboratory test result is recorded.	<i>Default:</i>
<b>performedDateTime</b> DateTime Private	The date and time that the laboratory test was done.	<i>Default:</i>
<b>resultReportedDateTime</b> DateTime Private	The date and time that the results of the laboratory test were recorded.	<i>Default:</i>
<b>resultReportedStatus</b> CodedElement Private	Indicates the status of the laboratory test results.	<i>Default:</i>

## MedicalHistoryDetail

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General *Keywords:*  
**Detail:** Created on 5/24/2007. Last modified on 10/29/2007.  
**GUID:** {1CA6161A-967A-48c6-B279-370C8ADB7C49}

This class holds more detailed information about a medical history observation. For example, if a person had diabetes, this class would hold the method of diabetes control.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public MedicalHistory	Public MedicalHistoryDetail	

Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the medical history detail being recorded.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the medical history detail factor coded in observationTypeCode.	<i>Default:</i>

**Medication***Type:*Class*Status:*

Proposed. Version 1.0. Phase 1.0.

*Package:*CV\_General *Keywords:**Detail:*

Created on 2/19/2007. Last modified on 10/29/2007.

*GUID:*

{447AB658-8BE6-4c40-B1A1-B11E0322257C}

Information about the medications provided to the patient in the context of the associated encounter.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
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Connector	Source	Target	Notes
<b><u>Dependency</u></b> Source -> Destination	Public Assessment	Public Medication	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public Medication	

**Attributes**

Attribute	Notes	Constraints and tags
<b>administeredIndicator</b> boolean Private	An indicator of whether the medication was administered or not.	<i>Default:</i>
<b>atAdmissionIndicator</b> boolean Private	Indicator of whether the medication was administered to the patient on hospital admission.	<i>Default:</i>
<b>blindedIndicator</b> boolean Private	An indication of whether the medication item is subject to the blinding procedures within a clinical trial.	<i>Default:</i>
<b>continuingAtDischargeIndicator</b> boolean Private	Indicates whether the patient was continuing on the medication at time of discharge.	<i>Default:</i>
<b>contraindicatedIndicator</b> boolean Private	An indication of whether or not administration of the medication is contraindicated.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>startDateTime</b> DateTime Private	Date and time that the medication was first administered.	<i>Default:</i>
<b>stopDateTime</b> DateTime Private	Date and time that this course of the medication was discontinued.	<i>Default:</i>
<b>typeCode</b> CodedElement Private	A code that defines the type of medication administered to the patient. The code value is expected to be drawn from a medication master file.	<i>Default:</i>

## PhysicalExam

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General **Keywords:**  
**Detail:** Created on 2/19/2007. Last modified on 10/29/2007.  
**GUID:** {B1F97D26-571C-4684-8D77-662F6052CA69}

This class supports the collection of information resulting from the physical exam of a patient. It includes information for the period prior to the encounter, e.g., CHF current status, as well as information collected within the context of the encounter, e.g., Admission Sx Presentation.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b><u>Dependency</u></b> Source -> Destination	Public Assessment	Public PhysicalExam	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public PhysicalExam	

Attributes

Attribute	Notes	Constraints and tags
<b>observationDateTime</b> DateTime Private	The date and time that the physical exam observation was observed and recorded.	<i>Default:</i>
<b>observationTypeCode</b> CodedElement Private	A coded indication of the physical exam trait being recorded.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the physical exam trait coded in observationTypeCode.	<i>Default:</i>

**Procedure**

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General *Keywords:*  
*Detail:* Created on 3/26/2007. Last modified on 10/29/2007.  
*GUID:* {079B67FF-543E-41c1-8DF1-8C4BA9728C6F}

This class holds information about any procedure. Some cardiovascular procedures in the ACS domain include CABG, catheterization, PCI, ECHO, MRI, and LV Gram.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public Procedure	Public Indication	
<b><u>Association</u></b>	Public	Public	

Connector	Source	Target	Notes
Unspecified	Procedure	ProcedureFindings	
<b><u>Association</u></b> Unspecified	Public Procedure	Public ProcedureInterpretation	
<b><u>Association</u></b> Unspecified	Public Procedure	Public ProcedureGroup	
<b><u>Generalization</u></b> Source -> Destination	Public CardiacCatheterization Procedure	Public Procedure	
<b><u>Association</u></b> Unspecified	Public Procedure	Public ProcedurePerformer	
<b><u>Association</u></b> Unspecified	Public Procedure	Public ProcedureAdverseEvent s	

**Attributes**

Attribute	Notes	Constraints and tags
<b>procedureDate</b> Date Private	Date that the procedure was performed.	<i>Default:</i>
<b>procedureTypeCode</b> CodedElement Private	A coded indication of the type of procedure that was performed.	<i>Default:</i>
<b>urgencyStatus</b> CodedElement Private	Status (elective, urgent, emergency, salvage) of the procedure.	<i>Default:</i>

**ProcedureAdverseEvents***Type:***Class***Status:*

Proposed. Version 1.0. Phase 1.0.

*Package:* CV\_General    *Keywords:*  
*Detail:* Created on 6/28/2007. Last modified on 10/29/2007.  
*GUID:* {4629BC69-80B5-45cf-AA93-76B0E23CD8A7}

Information about adverse events directly linked to a procedure.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public Procedure	Public ProcedureAdverseEvent s	

### Attributes

Attribute	Notes	Constraints and tags
<b>eventDateTime</b> DateTime Private	Date and time that the adverse event occurred.	<i>Default:</i>
<b>observationTypeCode</b> CodedElement Private	A coded indication of an adverse event.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the adverse event coded in observationTypeCode.	<i>Default:</i>

## ProcedureFindings

*Type:* Class  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General    *Keywords:*

*Detail:* Created on 6/28/2007. Last modified on 10/29/2007.  
*GUID:* {247BDA33-1E77-4de9-B8ED-8E0E96858C00}

Information resulting from the procedure. This information may be a diagnosis, measurements, etc.

#### Custom Properties

- isActive = False

#### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public Procedure	Public ProcedureFindings	

#### Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the finding from the procedure.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the finding coded in observationTypeCode.	<i>Default:</i>

## ProcedureGroup

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General *Keywords:*  
*Detail:* Created on 10/29/2007. Last modified on 11/5/2007.  
*GUID:* {9566BF6E-D55B-4f85-90D7-51142D961A54}

A ProcedureGroup holds data about a group of procedures that may be performed together either using the same location, intervention technique, etc within the same time period.. The procedures within a group will have common data for some portion of each. An example would be open heart surgery (group) and the procedures performed would be CABG and a valve procedure. Also, it could be a cardiac catheterization lab visit (group) with the procedures being a diagnostic cath and PCI.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public Procedure	Public ProcedureGroup	
<u>Association</u> Unspecified	Public ProcedureGroup	Public ProcedureGroupDetail	
<u>Association</u> Unspecified	Public PatientEncounter	Public ProcedureGroup	
<u>Generalization</u> Source -> Destination	Public CardiacCatheterization LaboratoryVisit	Public ProcedureGroup	

Attributes

Attribute	Notes	Constraints and tags
<b>groupTypeCode</b> CodedElement Private	A coded indication of what type of procedure group is being performed. An example would be cardiac catheterization lab visit or cardiac surgery.	<i>Default:</i>

**ProcedureGroupDetail**

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General *Keywords:*  
**Detail:** Created on 10/29/2007. Last modified on 10/29/2007.  
**GUID:** {A82B487C-439A-4fd1-9941-9D49389DE05A}

Holds details about a ProcedureGroup.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u>	Public	Public	

Connector	Source	Target	Notes
Unspecified	ProcedureGroup	ProcedureGroupDetail	

## ProcedureInterpretation

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** CV\_General **Keywords:**  
**Detail:** Created on 4/6/2007. Last modified on 10/29/2007.  
**GUID:** {589523B1-05C4-4f23-AEE2-70E22C3EE0E8}

Information regarding details of the result (success/failure) of the procedure.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public Procedure	Public ProcedureInterpretation	

### Attributes

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication of the observation.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the observation coded in observationTypeCode.	<i>Default:</i>

## ProcedurePerformer

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.

*Package:* CV\_General *Keywords:*  
*Detail:* Created on 2/19/2007. Last modified on 10/29/2007.  
*GUID:* {66517FD1-D3EB-416f-882F-1E0D2315EC88}

Information about the person who acts as the primary operator and carries out the procedure.

#### Custom Properties

- isActive = False

#### Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public Procedure	Public ProcedurePerformer	

#### Attributes

Attribute	Notes	Constraints and tags
<b>name</b> string Private	The name of the person.	<i>Default:</i>
<b>uPIN</b> string Private	A unique identifier assigned to the person for use in billing.	<i>Default:</i>

## VitalSigns

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* CV\_General *Keywords:*  
*Detail:* Created on 4/6/2007. Last modified on 10/29/2007.  
*GUID:* {38894921-5D1C-4678-BDA3-B7B5AF568811}

Holds vital signs taken during the patient encounter. Vital signs include such items as height, weight, blood pressure, pulse, etc.

#### Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<b>Association</b> Unspecified	Public PatientEncounter	Public VitalSigns	

Attributes

Attribute	Notes	Constraints and tags
<b>numericUnit</b> CodedElement Private	The measurement units associated with the value of the vital sign.	<i>Default:</i>
<b>observationTypeCode</b> CodedElement Private	A coded indication of the vital sign being recorded.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the vital sign coded in observationTypeCode.	<i>Default:</i>
<b>recordedDateTime</b> DateTime Private	The date and time that the vital sign was recorded.	<i>Default:</i>

**Common***Type:**Status:**Package:**Detail:**GUID:***Package**

Proposed. Version 1.0. Phase 1.0.

Cardiovascular DAM

Created on 10/31/2007. Last modified on 11/16/2007

{19F54A9D-F965-4b4f-B81A-7CE2FE3D2082}

The package captures classes to represent the person playing the role of patient, and of clinician, as well as data items that are expected to be common across all or most clinical domain analysis models. Sometimes, the included classes are known as "administrative data".

### **Common** - (Logical diagram)

*Created By:* on 10/31/2007

*Last Modified:* 10/31/2007

*Version:* 1.0. *Locked:* False

*GUID:* {D6FA58A0-E921-4be7-A617-B2882DD606DA}

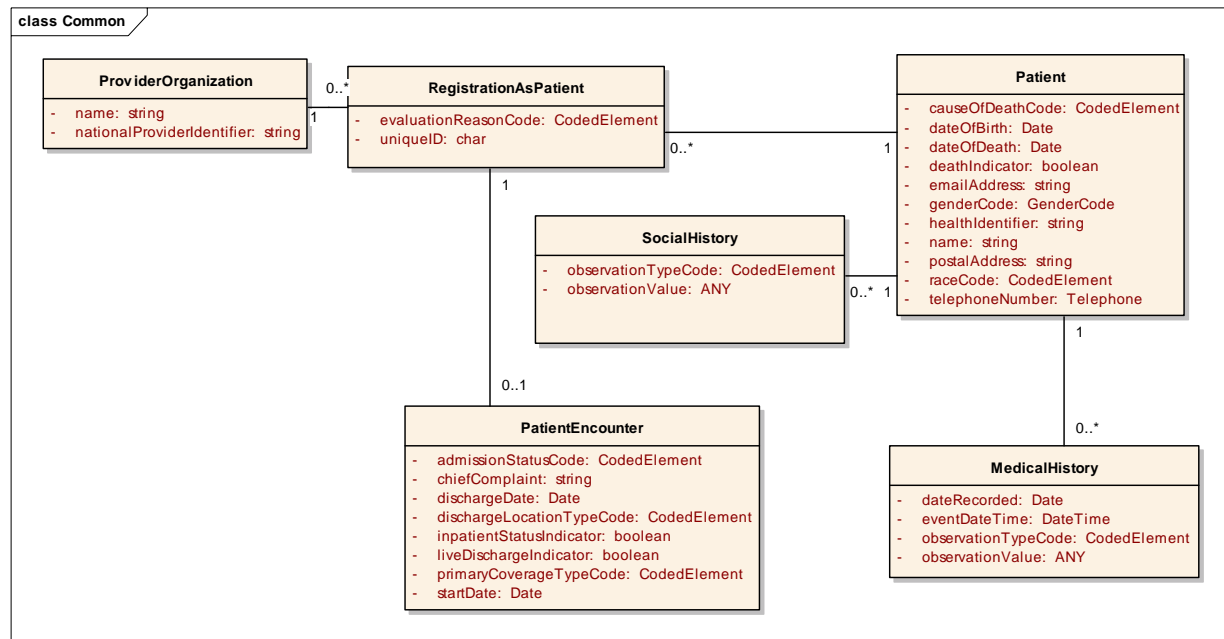


Figure: 4

## MedicalHistory

*Type:* **Class**

*Status:* Proposed. Version 1.0. Phase 1.0.

*Package:* Common *Keywords:*

*Detail:* Created on 5/16/2007. Last modified on 10/31/2007.

*GUID:* {16A94CF3-BF3D-4ea2-82BA-9C105ACF6ADB}

Relevant information about the patient's medical history. It includes answers to questions posed to the patient as well as recorded observations from prior encounters.

### **Custom Properties**

- isActive = False

### **Connections**

Connector	Source	Target	Notes
<b>Association</b>	Public	Public	

Connector	Source	Target	Notes
Unspecified	MedicalHistory	MedicalHistoryDetail	
<b><u>Association</u></b> Unspecified	Public Patient	Public MedicalHistory	

**Attributes**

Attribute	Notes	Constraints and tags
<b>dateRecorded</b> Date Private	The date that the medical history observation was recorded.	<i>Default:</i>
<b>eventDateTime</b> DateTime Private	The date and time (if available) of occurrence/diagnosis of the medical history event.	<i>Default:</i>
<b>observationTypeCode</b> CodedElement Private	A coded indication of the medical history item being recorded.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the medical history item coded in observationTypeCode.	<i>Default:</i>

**Patient**

**Type:**  
**Status:**  
**Package:**  
**Detail:**  
**GUID:**

**Class**  
 Proposed. Version 1.0. Phase 1.0.  
 Common **Keywords:**  
 Created on 2/19/2007. Last modified on 11/13/2007.  
 {4088F0AF-C123-43be-B0CD-30E800A26221}

A person of interest. In this model, a person who is being medically evaluated for acute coronary syndromes.

**Custom Properties**

- isActive = False

**Connections**

Connector	Source	Target	Notes
<b><u>Dependency</u></b> Source -> Destination	Public Intake	Public Patient	
<b><u>Association</u></b> Unspecified	Public Patient	Public RegistrationAsPatient	
<b><u>Association</u></b> Unspecified	Public Patient	Public SocialHistory	
<b><u>Association</u></b> Unspecified	Public Patient	Public MedicalHistory	

**Attributes**

Attribute	Notes	Constraints and tags
<b>causeOfDeathCode</b> CodedElement Private	The primary cause of death.	<i>Default:</i>
<b>dateOfBirth</b> Date Private	The date on which the patient was born. The patient's age is computed by comparing the birth date with the encounter start date.	<i>Default:</i>
<b>dateOfDeath</b> Date Private	If the patient is no longer alive, the date of death.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>deathIndicator</b> boolean Private	Indicates if the patient has died.	<i>Default:</i>
<b>emailAddress</b> string Private	An address by which the patient can be contacted via email.	<i>Default:</i>
<b>genderCode</b> GenderCode Private	The totality of characteristics of reproductive structure, functions, phenotype, and genotype, differentiating the male from the female organism.	<i>Default:</i>
<b>healthIdentifier</b> string Private	Used to identify the patient across registrations with different institutions.	<i>Default:</i>
<b>name</b> string Private	The complete name of the patient.	<i>Default:</i>
<b>postalAddress</b> string Private	An address for sending mail to the patient.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>raceCode</b> CodedElement Private	A code indicating the patient's racial background and affiliation.	<i>Default:</i>
<b>telephoneNumber</b> Telephone Private	A number where the patient can be called by telephone.	<i>Default:</i>

## PatientEncounter

*Type:* **Class**  
*Status:* Proposed. Version 1.0. Phase 1.0.  
*Package:* Common *Keywords:*  
*Detail:* Created on 2/19/2007. Last modified on 10/31/2007.  
*GUID:* {F5106643-DA37-4689-8C60-6E614A3B5E32}

An encounter is an interaction between a patient and care provider(s) for the purpose of providing healthcare-related service(s). It encompasses the concepts of outpatient visit and inpatient stay.

### Custom Properties

- isActive = False

### Connections

Connector	Source	Target	Notes
<b>Dependency</b> Source -> Destination	Public Intake	Public PatientEncounter	
<b>Association</b> Unspecified	Public PatientEncounter	Public CourseOfTreatmentDetail	
<b>Association</b> Unspecified	Public RegistrationAsPatient	Public PatientEncounter	
<b>Association</b> Unspecified	Public PatientEncounter	Public ProcedureGroup	
<b>Association</b> Unspecified	Public PatientEncounter	Public PhysicalExam	

Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public Medication	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public LaboratoryResults	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public DischargeCounseling	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public AdverseOutcome	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public VitalSigns	
<b><u>Association</u></b> Unspecified	Public PatientEncounter	Public DiagnosticTest	

**Attributes**

Attribute	Notes	Constraints and tags
<b>admissionStatusCode</b> CodedElement Private	Indicates the admission status prior to documented admission.	<i>Default:</i>
<b>chiefComplaint</b> string Private	Descriptive text to indicate the reason the patient is seeking hospital care.	<i>Default:</i>
<b>dischargeDate</b> Date Private	The date on which the patient was discharged from the facility.	<i>Default:</i>

Attribute	Notes	Constraints and tags
<b>dischargeLocationTypeCode</b> CodedElement Private	An indication of the type of location that the patient was discharged to. . E.g., home, nursing home.	<i>Default:</i>
<b>inpatientStatusIndicator</b> boolean Private	Indicates whether the patient was treated as an inpatient.	<i>Default:</i>
<b>liveDischargeIndicator</b> boolean Private	An indicator of whether the patient was discharged alive or dead.	<i>Default:</i>
<b>primaryCoverageTypeCode</b> CodedElement Private	Specifies the patient's primary insurance payor for this encounter.	<i>Default:</i>
<b>startDate</b> Date Private	The admit date or start date for the encounter.	<i>Default:</i>

## ProviderOrganization

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** Common **Keywords:**  
**Detail:** Created on 2/19/2007. Last modified on 10/31/2007.  
**GUID:** {1AE03689-04F9-4b0d-AD7A-97C9BC8C821D}

A healthcare organization that treats patients and sponsors cardiac catheterization procedures.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public RegistrationAsPatient	Public ProviderOrganization	

Attributes

Attribute	Notes	Constraints and tags
<b>name</b> string Private	The name of the organization.	<i>Default:</i>
<b>nationalProviderIdentifier</b> string Private	An identifier assigned by the Center for Medicare and Medicaid Services (CMS) that is used to uniquely identify facilities for Medicare billing purposes.	<i>Default:</i>

**RegistrationAsPatient**

**Type:** Class  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** Common **Keywords:**  
**Detail:** Created on 2/19/2007. Last modified on 10/31/2007.  
**GUID:** {7041C262-9274-4931-8625-0D3B2DD8A213}

Information relating to a person's registration as a patient with a healthcare provider.

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
<u>Dependency</u>	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Intake	RegistrationAsPatient	
<b><u>Association</u></b> Unspecified	Public RegistrationAsPatient	Public PatientEncounter	
<b><u>Association</u></b> Unspecified	Public RegistrationAsPatient	Public ProviderOrganization	
<b><u>Association</u></b> Unspecified	Public Patient	Public RegistrationAsPatient	

**Attributes**

Attribute	Notes	Constraints and tags
<b>evaluationReasonCode</b> CodedElement Private	An indication of the reason for evaluating this patient.	<i>Default:</i>
<b>uniqueID</b> char Private	An identifier assigned by the provider to a patient that is intended to uniquely identify the patient across all encounters with that provider.	<i>Default:</i>

**SocialHistory**

**Type:** **Class**  
**Status:** Proposed. Version 1.0. Phase 1.0.  
**Package:** Common ***Keywords:***  
**Detail:** Created on 5/16/2007. Last modified on 10/31/2007.  
**GUID:** {AD35DDFA-A1E2-4315-94B6-D91B377A47BC}

This class holds information on the patient's social history and includes information such as tobacco and alcohol usage.

**Custom Properties**

- isActive = False

**Connections**

Connector	Source	Target	Notes
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Connector	Source	Target	Notes
<b><u>Association</u></b> Unspecified	Public Patient	Public SocialHistory	

**Attributes**

Attribute	Notes	Constraints and tags
<b>observationTypeCode</b> CodedElement Private	A coded indication for the social history factor being recorded.	<i>Default:</i>
<b>observationValue</b> ANY Private	The value associated with the social history observation coded in observationTypeCode.	<i>Default:</i>