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Guidance for Creation of an Integrated Urgent Care CDA Document

**Document Management**

**Revision History**

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| 2.0 | 08/12/2016 |  |
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**Reviewers**

This document must be reviewed by the following people:

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| **Reviewer name** | **Title / Responsibility** | **Date** | **Version** |
| Kevin Sprague | Interoperability Team Lead | 11/08/2011 | 0.1 |
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This document must be approved by the following people:

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| **Name** | **Signature** | **Title** | **Date** | **Version** |
| Richard Kavanagh |  | Interoperability Development Manager | 11/08/2011 | 0.1 |
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**Glossary of Terms**

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| **Term / Abbreviation** | **What it stands for** |
| CDA | Clinical Document Architecture (a HL7 standard for Clinical Documents) |
| Participation | The involvement of a role in an act |
| Role | A responsibility or part played by an entity |
| DCE UUID | Distributed Computing Environment Universally Unique Identifier - is an identifier standard used in software construction |
| XML | Extensible Markup Language - is a general-purpose specification for creating custom markup languages |
| DMS | Domain Message Specification (sometimes called a pack) is the message specification(s) offered by Connecting for Health for a domain (such as NHS 111) |

PDS Patient Demographic Service – the NHS patient database

**Document Control:**

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# Introduction

This document provides guidance for creating an Integrated Urgent Care CDA document. The document includes the information that a 111 system needs to transmit to create a clinical document. The CDA document is used in 111 as a referral to Out of Hours services and to Accident and Emergency, to inform a patient’s General Practitioner about a 111 call, and to inform a repeat caller database to monitor repeat calls to the NHS 111 service.

# Guidance for creating an Integrated Urgent Care CDA document

## CDA background

CDA is issued as an international specification for the interchange of clinical documents by the HL7 organisation (HL7.org). The NHS has adopted this standard for the exchange of clinical documents within NHS England.

The CDA specification is a generic specification designed to carry clinical information and coded clinical statements. The NHS has several profiles of the generic CDA specification, and the Integrated Urgent Care CDA document is one such profile.

When a CDA profile is offered, it is designed as a conformance specification only. This conformance specification does not appear as a direct subset of the generic CDA model. For example, so class names in a NHS CDA profile will be different to those expressed in the generic CDA model. An XML instance written to a NHS CDA profile does not validate against the generic CDA schema.

Developers of CDA messages should develop CDA documents that are valid against the generic CDA schema. This schema is found in the Integrated Urgent Care DMS in the schemas folder (\schemas\ POCD\_MT000002UK01.xsd). The suggested procedure that developers follow in order to create Integrated Urgent Care CDA documents is as follows

* + - Use this document to create a CDA document that is compliant to the generic CDA schema found at “\schemas\ POCD\_MT000002UK01.xsd” within the Integrated Urgent Care DMS pack
    - Test the conformance of the produced generic CDA document by using the transform within the Integrated Urgent Care DMS to transform the CDA document into the conformance (or profile) format.
      * Use the transform “\transforms\TrueCDAToCDALike\_v2.xsl” to convert the document to the conformance format
      * Validate the output of this transformation against the conformance schema “\TemplateSchemas\POCD\_MT200001GB01.xsd”

If this process completes successfully, then the generic CDA that was used in the transformation is a valid CDA document (in that it is valid against the generic CDA schema), and is compliant to the NHS 111 conformance profile. This document (the document that is valid against the generic CDA profile), may then be sent “on –the-wire” to a NHS 111 recipient.

## Putting information into the Generic CDA profile

This section documents the various CDA classes and concepts, and what data is required in each instance. This section documents only those CDA generic classes required to fulfil the Integrated Urgent Care conformance profile. For the optionality of each data item, consult the Integrated Urgent Care conformance model. Further guidance on data values is given on the conformance model.

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| **CDA Class: Clinical Document** | | **Acts as a header for the CDA message** | | |  | |
| **CDA Data Item** | **Business relevance** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| classCode | None, a fixed value | | Always **FIXED** to “DOCCLIN” | /ClinicalDocument/@classCode | | <ClinicalDocument classCode="DOCCLIN" moodCode="EVN"> |
| moodCode | None, a fixed value | | Always **FIXED** to “EVN” | /ClinicalDocument/@moodCode | | <ClinicalDocument classCode="DOCCLIN" moodCode="EVN"> |
| id/@root | A unique identifier for the document. Must be a DCE UUID | | A generated DCE UUID | /ClinicalDocument/id/@root | | <id root="A709A442-3CF4-476E-8377- 376500E829C9"/> |
| code/@code code/@codeSystem | None, a fixed value. Note, ignore the multiple SNOMED  CT code option. | | Always **FIXED**  Code “1066271000000101”  CodeSystem “2.16.840.1.113883.2.1.3.2.4.15” | /ClinicalDocument/code/@code  /ClinicalDocument/code/@codeSystem | | <code code="1066271000000101 " codeSystem="2.16.840.1.113883.2.1.3.2.4.15"/  > |
| title | None, a fixed value | | Always **FIXED** to “NHS 111 Report” | /ClinicalDocument/title | | <title> National Health Service 111 Report  </title> |
| effectiveTime/@value | The date and time the document was produced | | The system date/time when the document was produced. This can be to any precision, but to the second is recommended | /ClinicalDocument/effectiveTime/@value | | <effectiveTime value="201105192000"/> |
| typeId/@root typeid/@extension | None, a fixed value | | Always **FIXED**  Root "2.16.840.1.113883.1.3"  Extenson "POCD\_HD000040" | /ClinicalDocument/typeId/@root  /ClinicalDocument/typeId/@extension | | <typeId root="2.16.840.1.113883.1.3"  extension="POCD\_HD000040"/> |
| messageType/@root | None, a fixed | | Always **FIXED**  root | /ClinicalDocument/npfitlc:messageType/@root | | <npfitlc:messageType root="2.16.840.1.113883.2.1.3.2.4.18.17" |

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|  |  |  |  |  |
| messageType/@extension | value | “2.16.840.1.113883.2.1.3.2.4.18.17 ”  Extension “POCD\_MT200001GB02” | /ClinicalDocument/npfitlc:messageType/@extension | extension="POCD\_MT200001GB01"/> |
| confidentialityCode/@code  confidentialityCode/@codeSystem  confidentialityCode/@dispalyNam e | A code to state the confidentialit y level of the document. This may be taken from a local vocabulary | The codeSystem is the an identifier of the vocabulary where the codes are taken from. Code and displayName are taken from the vocabulary. If no local vocabs are available, use  CodeSystem=” 2.16.840.1.113883.5.25”  And one of the following code/displayNames  “V” Very Restricted “R” Restricted  “N” Normal | /ClinicalDocument/confidentialityCode/@code  /ClinicalDocument/confidentialityCode/@displayNam e  /ClinicalDocument/confidentialityCode/@codeSyste m | <confidentialityCode code="V" displayName="very restricted" codeSystem="2.16.840.1.113883.1.11.16926"/  > |
| setId/@root | a DCE UUID  used in document replacement. SetId represents the set to which this document belongs | A generated DCE UUID. A document that replaces this document has the same setId | /ClinicalDocument/setId/@root | <setId root="411910CF-1A76-4330-98FE- C345DDEE5553"/> |
| versionNumber/@root | None – an integer used to denote what version this document is in a set of documents | An integer, incrementing by 1 for each new document in a set | /ClinicalDocument/versionNumber/@value | <versionNumber value="1"/> |

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| **CDA Concept: recordTarget (aka patient)** | | **Contains the patient’s details** | | | **Includes Generic CDA Classes recordTarget; PatientRole; Patient** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| recordTarget/@typeCode | None, a fixed value | | Always **FIXED** to “RCT” | /ClinicalDocument/recordTarget/@typeCode | | <recordTarget typeCode="RCT" contextControlCode="OP"> |
| recordTarget/@contextControl Code | None – a fixed code | | Always FIXED to “OP” | /ClinicalDocument/recordTarget/@contextControlCode | | <recordTarget typeCode="RCT" contextControlCode="OP"> |
| recordTarget/contentId/@root  recordTarget/contentId/@exte nsion | None – a fixed code | | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension "COCD\_TP145201GB01#P  atientRole" | /ClinicalDocument/recordTarget/npfitlc:contentId/@root  /ClinicalDocument/recordTarget/npfitlc:contentId/@extension | | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145201GB01  #PatientRole"/> |
| patientRole/@classCode | None, a fixed value | | Always FIXED to “PAT” | /ClinicalDocument/recordTarget/patientRole/@classCode | | <patientRole classCode="PAT"> |
| patientRole/id/@root  patientRole/id/@extension  patientRole/id/@assigningAut horityName | The patient identifier. This is the patient’s NHS  number. If this is not available, another patient identifier can be used | | A verified NHS number and the OID “2.16.840.1.113883.2.1.4.1 ”  **OR**  An unverified NHS number and the OID “2.16.840.1.113883.2.1.3.2.  4.18.23”  **OR**  A local patient identifier and the OID “2.16.840.1.113883.2.1.3.2.  4.18.24” and the assigning authority name | /ClinicalDocument/recordTarget/patientRole/id[1]/@root  /ClinicalDocument/recordTarget/patientRole/id[1]/@extension | | <id extension="993254128" root="2.16.840.1.113883.2.1.3.2.4. 18.23"  assigningAuthorityName="RA9:SO UTH DEVON HEALTHCARE NHS FOUNDATION TRUST"/> |

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| patientRole/addr/@use  patientRole/addr/streetAddres sLine[1..5]  patientRole/addr/city patientRole/addr/postalCode patientRole/addr/desc patientRole/addr/country  patientRole/addr/additionalLoc ator | A set of addresse s associate d with the patient.  The use attribute states the address usage (such as “H” for home, or PHY for physical address) | Address associated with the patient as recorded by the system – maybe from PDS (note this is not the incident location address) | /ClinicalDocument/recordTarget/patientRole/addr/@use  /ClinicalDocument/recordTarget/patientRole/addr/streetAddressLine  /ClinicalDocument/recordTarget/patientRole/addr/city  /ClinicalDocument/recordTarget/patientRole/addr/postalCode  /ClinicalDocument/recordTarget/patientRole/addr/desc  /ClinicalDocument/recordTarget/patientRole/addr/country  /ClinicalDocument/recordTarget/patientRole/addr/additionalLocator | <addr use="PHYS">  <streetAddressLine>2, Brancaster Road</streetAddressLine>  <city>Medway</city>  <postalCode>ME5 FL5</postalCode>  <desc>Follow the high street and turn left by Boots</desc>  <country>GB</country>  <country>Great Britain</country>  <additionalLocator>+38.265789- 85.623415</additionalLocator>  </addr> |
| patientRole/telecom/@value patientRole/telecom/@use | The contact details of the patient as recorded on the NHS 111  system. | Phone number assiociated with the patient, suffixed by tel:  If this is deemed the preferred contact for the NHS111 encounter, set the use attribute to “EC” (emergency contact) | /ClinicalDocument/recordTarget/patientRole/telecom/@value  /ClinicalDocument/recordTarget/patientRole/telecom/@use | <telecom value="tel:01634 775667" use="H"/> |
| patientRole/templateId/@root  patientRole/templateId/@exte nsion | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145201GB01#P  atientRole” | /ClinicalDocument/recordTarget/patientRole/templateId/@root  /ClinicalDocument/recordTarget/patientRole/templateId/@extension | <templateId extension="COCD\_TP145201GB01  #PatientRole" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| providerOrganization/@classC ode | None – a fixed value | Always FIXED to “ORG” | /ClinicalDocument/recordTarget/patientRole/providerOrganization/@c lassCode | <providerOrganization classCode="ORG" determinerCode="INSTANCE"> |

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| providerOrganization/@deter minerCode | None – a fixed value | Always FIXED to “INSTANCE” | /ClinicalDocument/recordTarget/patientRole/providerOrganization/@d eterminerCode | <providerOrganization classCode="ORG" determinerCode="INSTANCE"> |
| providerOrganization/id/@root  providerOrganization/id/@exte nsion | The code of the GP Practice the patient is registered with | The GP Practice ODS code with the OID “2.16.840.1.113883.2.1.3.2.  4.19.1”  (this may come from PDS) | /ClinicalDocument/recordTarget/patientRole/providerOrganization/id/  @root  /ClinicalDocument/recordTarget/patientRole/providerOrganization/id/  @extension | <id root="2.16.840.1.113883.2.1.3.2.4.  19.1" extension="V396F"/> |
| providerOrganization/name | The name of the GP Practice the patient is registered with | GP Practice name  (this may come from PDS) | /ClinicalDocument/recordTarget/patientRole/providerOrganization/na me | <name>Medway Medical Practice</name> |
| providerOrganization/telecom/  @value  roviderOrganization/telecom/  @use | Contact details of the GP Practice | GP Practice contact details, with usage (probably WP – work place)  (this may come from PDS) | /ClinicalDocument/recordTarget/patientRole/providerOrganization/tele com/@value  /ClinicalDocument/recordTarget/patientRole/providerOrganization/tele com/@use | <telecom value="tel:01634 111222" use="WP"/> |
| providerOrganization/templateI d/@root  providerOrganization/templateI d/@extension | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension "COCD\_TP145201GB01#p  roviderOrganization" | /ClinicalDocument/recordTarget/patientRole/providerOrganization/te mplateId/@root  /ClinicalDocument/recordTarget/patientRole/providerOrganization/te mplateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145201GB01  #providerOrganization"/> |
| providerOrganization/addr/@u se  providerOrganization  /addr/streetAddressLine[1..5] | Address of the patient’s registered GP | Address of GP Practice (this may come from PDS) | /ClinicalDocument/recordTarget/patientRole/providerOrganization/ad dr/@use  /ClinicalDocument/recordTarget/patientRole/providerOrganization/ad dr/streetAddressLine  /ClinicalDocument/recordTarget/patientRole/providerOrganization/ad | <addr use="WP">  <streetAddressLine>Springer Street</streetAddressLine>  <city>Medway</city>  <postalCode>ME5 |
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| providerOrganization/addr/city  providerOrganization/addr/pos talCode | Practice |  | dr/city  /ClinicalDocument/recordTarget/patientRole/providerOrganization/ad dr/postalCode | 5TY</postalCode>  </addr> |
| providerOrganization  /standardIndustryClassCode/  @code  providerOrganization  /standardIndustryClassCode/  @displayName  providerOrganization  /standardIndustryClassCode/  @codeSystem | None – a fixed value | Always FIXED value to say this class refers to a GP Practice  Code “001”  displayName “GP Practice”  codeSystem “2.16.840.1.113883.2.1.3.2.  4.17.289” | /ClinicalDocument/recordTarget/patientRole/providerOrganization/sta ndardIndustryClassCode/@code  /ClinicalDocument/recordTarget/patientRole/providerOrganization/sta ndardIndustryClassCode/@displayName  /ClinicalDocument/recordTarget/patientRole/providerOrganization/sta ndardIndustryClassCode/@codeSystem | <standardIndustryClassCode code="001"  displayName="GP Practice" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.289"/> |
| patient/@classCode | None – a fixed code | Always FIXED to “PSN” | /ClinicalDocument/recordTarget/patientRole/patient/@classCode | <patient classCode="PSN" determinerCode="INSTANCE"> |
| patient/determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/recordTarget/patientRole/patient/@determinerCod e | <patient classCode="PSN" determinerCode="INSTANCE"> |
| patient/name/prefix patient/name/given patient/name/family | The name of the patient (use structured name format) | The name of the patient split into prefix, given names and family name. If not possible, then an unstructured patient name | /ClinicalDocument/recordTarget/patientRole/patient/name/prefix  /ClinicalDocument/recordTarget/patientRole/patient/name/given  /ClinicalDocument/recordTarget/patientRole/patient/name/family | <name>  <prefix>Mr</prefix>  <family>Joe</family>  <given>Bloggs</given>  </name> OR  <name>Mr Joe Bloggs</name> |
| patient/templateId/@root patient/templateId/@extension | None – a fixed vaue | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2 | /ClinicalDocument/recordTarget/patientRole/patient/templateId/@root  /ClinicalDocument/recordTarget/patientRole/patient/templateId/@exte nsion | <templateId extension="COCD\_TP145201GB01  #patientPatient" root="2.16.840.1.113883.2.1.3.2.4. |

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|  |  | .4.18.2"  Extension “COCD\_TP145201GB01#p  atientPatient” |  | 18.2"/> |
| patient/administrativeGenderC ode/@code  patient/administrativeGenderC ode/@codeSystem  patient/administrativeGenderC ode/@displayName | The gender of the patient | The patient’s gender (maybe from PDS). Values taken from the Sex vocabulary  codeSystem fixed to “2.16.840.1.113883.2.1.3.2.  4.16.25” | /ClinicalDocument/recordTarget/patientRole/patient/administrativeGe nderCode/@code  /ClinicalDocument/recordTarget/patientRole/patient/administrativeGe nderCode/@codeSystem  /ClinicalDocument/recordTarget/patientRole/patient/administrativeGe nderCode/@displayName | <administrativeGenderCode codeSystem="2.16.840.1.113883.2  .1.3.2.4.16.25"  displayName="Male" code="1"/> |
| patient/birthTime/@value | The date of birth of the patient to the precision held | The patient’s date of birth (maybe from PDS) | /ClinicalDocument/recordTarget/patientRole/patient/birthTime/@value | <birthTime value="19890101"/> |
| languageCommunication/lang uageCode/@code | A code to represent the language used by the patient | A code from the HumanLanguage vocab | /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/languageCode/@code | <languageCode code="en"/> |
| languageCommunication/mod eCode/@code  languageCommunication/mod eCode/@codeSystem  languageCommunication/mod eCode/@displayName | The mode in which the patient can communi cate in the language code | A code from the Language ability mode vocab  OR  Another vocabulary for which codes and codesystem identifier is known | /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/modeCode/@code  /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/modeCode/@codeSystem  /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/modeCode/@displayName | <modeCode code="RSP" codeSystem="2.16.840.1.113883.5  .60" displayName="Received Spoken"/> |

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|  | (such as spoken, written) |  |  |  |
| languageCommunication/profi ciencyLevelCode | The proficienc y level of the patient in the language | A code from the Language ability proficiency vocab  OR  Another vocabulary for which codes and codesystem identifier is known | /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/proficiencyLevelCode/@code  /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/proficiencyLevelCode/@codeSystem  /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/proficiencyLevelCode/@displayName | <proficiencyLevelCode  code="F" codeSystem="2.16.840.1.113883.5  .61"  displayName="Fair"/> |
| languageCommunication/prefe renceInd/@value | Indicates whether this language is the patient’s preferred language | Either a boolean (true/false), or a null falvour of unknown | /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/preferenceInd/@value | <preferenceInd value="true"/> OR  <preferenceInd nullFlavor="UNK"/> |
| languageCommunication/temp lateId | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145201GB01#l  anguageCommunication” | /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/templateId/@root  /ClinicalDocument/recordTarget/patientRole/patient/languageCommu nication/templateId/@extension | <templateId extension="COCD\_TP145201GB01  #languageCommunication" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |

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| **CDA Concept: author** | **Contains the document author details. NOTE it is expected that author details will conform to the AuthorPersonUniversal conformance profile only.** | **Includes Generic CDA Classes**  **Author; assignedAuthor; representedOrganization; assignedperson** |

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| CDA Data Item | Business relevanc e | Value Guidance | Generic CDA Xpath | Example |
| author/typeCode | None – a fixed code | Always FIXED to “AUT” | /ClinicalDocument/author/@typeCode | <author typeCode="AUT" contextControlCode="OP"> |
| author/functionCode/@code  author/functionCode/@codeSy stem  author/functionCode/@dispaly Name | None – a fixed code | Always FIXED Code “OA” codeSystem  “2.16.840.1.113883.2.1.3.2.  4.17.178"  dispalyname “Originating Author” | /ClinicalDocument/author/functionCode/@code  /ClinicalDocument/author/functionCode/@codeSystem  /ClinicalDocument/author/functionCode/@displayName | <functionCode code="OA" displayName="Originating Author" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.178"/> |
| author/contextControlCode | None – a fixed code | Always FIXED to “OP” | /ClinicalDocument/author/@contextControlCode | <author typeCode="AUT" contextControlCode="OP"> |
| author/time/@time | The date/time the document was authored | The system date/time the document authorship was completed | /ClinicalDocument/author/time/@value | <time value="201105192000"/> |
| author/contentId/@root author/contentId/@extension | Varies according to the type of author.  Assuming person author only | Assuming Person Author only  Always FIXED Root  “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension "COCD\_TP145200GB01#A  ssignedAuthor” | /ClinicalDocument/author/npfitlc:contentId/@root  /ClinicalDocument/author/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145200GB01  #AssignedAuthor"/> |
| assignedAuthor/classCode | None – a fixed value | Always FIXED to ASSIGNED | /ClinicalDocument/author/assignedAuthor/@classCode | assignedAuthor classCode="ASSIGNED"> |
| assignedAuthor/id/@root assignedAuthor/id/@extension | Identifiers to indicate | A code system identifier such as “1.2.826.0.1285.0.2.0.65”  for an SDS identifier, or | /ClinicalDocument/author/assignedAuthor/id/@root  /ClinicalDocument/author/assignedAuthor/id/@extension | <id root="2.16.840.1.113883.2.1.3.2.4. 18.24" |

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|  | the author  – this might be an SDS identifier, or a local one | “2.16.840.1.113883.2.1.3.2.  4.18.24” for a local identifier, and the identifying code |  | extension="100"/> |
| assignedAuthor/code/@code  assignedAuthor/code/@codeS ystem  assignedAuthor/code/@displa yName | A code that describes the author’s job role – this might be from SDS, or a local code | A code system identifier such as “2.16.840.1.113883.2.1.3.2.  4.17.196” for an SDS Job Role code, or a local code system and a code from that code system | /ClinicalDocument/author/assignedAuthor/code/@code  /ClinicalDocument/author/assignedAuthor/code/@codeSystem  /ClinicalDocument/author/assignedAuthor/code/@displayName | <code code="OOH02" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.196"  displayName="Nurse Practitioner"/> |
| assignedAuthor/addr/@use  assignedAuthor/addr/streetAd dressLine[1..5]  assignedAuthor/addr/city  assignedAuthor/addr/postalCo de | The address of the author | An address for the author – maybe from SDS | /ClinicalDocument/author/assignedAuthor/addr/@use  /ClinicalDocument/author/assignedAuthor/addr/streetAddressLine  /ClinicalDocument/author/assignedAuthor/addr/city  /ClinicalDocument/author/assignedAuthor/addr/postalCode | <addr use=" WP">  <streetAddressLine>The Hospital</streetAddressLine>  <city>Cambridge</city>  <postalCode>CB1 1AA</postalCode>  </addr> |
| assignedAuthor/telecom/@val ue | Phone or email details of the author  – maybe from SDS | Author’s telecom details | /ClinicalDocument/author/assignedAuthor/telecom/@value | <telecom value="tel:01234567890"></teleco m> |
| assignedAuthor/templateId/@r oot  assignedAuthor/templateId/@ | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2" | /ClinicalDocument/author/assignedAuthor/templateId/@root  /ClinicalDocument/author/assignedAuthor/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145200GB01  #AssignedAuthor"/> |

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| extension |  | Extension "COCD\_TP145200GB01#A  ssignedAuthor" |  |  |
| assignedPerson/@classCode | None – a fixed code | Always FIXED to “PSN” | /ClinicalDocument/author/assignedAuthor/assignedPerson/@classCo de | <assignedPerson classCode="PSN" determinerCode="INSTANCE"> |
| assignedPerson/determinerCo de | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/author/assignedAuthor/assignedPerson/@determi nerCode | <assignedPerson classCode="PSN" determinerCode="INSTANCE"> |
| assignedPerson/name/prefix  assignedPerson/name/given  assignedPerson/name/surnam e | The name of the author | The name of the author – maybe from SDS. In preference in structured format | /ClinicalDocument/author/assignedAuthor/assignedPerson/name/prefi x  /ClinicalDocument/author/assignedAuthor/assignedPerson/name/give n  /ClinicalDocument/author/assignedAuthor/assignedPerson/name/fami ly | <name>  <prefix>Ms</prefix>  <given>Mary</given>  <family>Jones</family>  </name> OR  <name>Ms Mary Jones</name> |
| assignedPerson/templateId/@ root  assignedPerson/templateId/@ extension | None – a fixed code | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension "COCD\_TP145200GB01#a  ssignedPerson" | /ClinicalDocument/author/assignedAuthor/assignedPerson/templateId  /@root  /ClinicalDocument/author/assignedAuthor/assignedPerson/templateId  /@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145200GB01  #assignedPerson"/> |
| representedOrganization/class Code | None – a fixed code | Always FIXED to “ORG” | /ClinicalDocument/author/assignedAuthor/representedOrganization/  @classCode | <representedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| representedOrganization/deter minerCode | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/author/assignedAuthor/representedOrganization/  @determinerCode | <representedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| representedOrganization/id/@ root | Either the organisati | If a site code, root FIXED to “2.16.840.1.113883.2.1.3.2. | /ClinicalDocument/author/assignedAuthor/representedOrganization/id  /@root | <id root="2.16.840.1.113883.2.1.3.2.4. |

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| representedOrganization/id/@ extension | on site code (preferred  ), or the organisati on code of the author | 4.19.2”  If an org code, root FIXED to “2.16.840.1.113883.2.1.3.2.  4.19.1”  Plus the actual code | /ClinicalDocument/author/assignedAuthor/representedOrganization/id  /@extension | 19.1" extension="5L399"/> |
| representedOrganization/nam e | The organisati on name associate d with the code | Org site, or org name | /ClinicalDocument/author/assignedAuthor/representedOrganization/n ame | <name>Medway NHS Foundation Trust</name> |
| representedOrganization/temp lateId | None – a fixed code | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension "COCD\_TP145200GB01#r  epresentedOrganization" | /ClinicalDocument/author/assignedAuthor/representedOrganization/te mplateId/@root  /ClinicalDocument/author/assignedAuthor/representedOrganization/te mplateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145200GB01  #representedOrganization"/> |

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| **CDA Concept: informant (a person making a call to 111 who is not the patient)** | | **Contains informer details. It is expected that the only type of informant will be an individual NOT representing an organisation** | | | **Includes Generic CDA Classes Informat; RelatedEntity; relatedPerson** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| informant/typeCode | None – a fixed code | | Always FIXED to “INF” | /ClinicalDocument/informant/@typeCode | | <informant typeCode="INF" contextControlCode="OP"> |
| informant/contextControlCode | None – a fixed code | | Always FIXED to “OP” | /ClinicalDocument/informant/@contextControlCode | | <informant typeCode="INF" contextControlCode="OP"> |

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| informant/contentId/@root informant/contentId/@extension | None – a fixed code | Assuming RelatedEntity Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16”  Extension “COCD\_TP145007UK03#R  elatedEntity” | /ClinicalDocument/informant/npfitlc:contentId/@extension  /ClinicalDocument/informant/npfitlc:contentId/@root | <npfitlc:contentId extension="COCD\_TP145007UK03  #RelatedEntity" root="2.16.840.1.113883.2.1.3.2.4. 18.16"/> |
| relatedEntity/@classCode | None – a fixed code | Always FIXED to “PRS” | /ClinicalDocument/informant/relatedEntity/@classCode | <relatedEntity classCode="PRS"> |
| relatedEntity/code/@code  relatedEntity/code/@codeSyst em  relatedEntity/code/@displayN ame | A code to represent the relationsh ip between the informant  & patient | A code from the CDAPersonRelationshipTy pe vocab  codeSystem FIXED to “2.16.840.1.113883.2.1.3.2.  4.16.45" | /ClinicalDocument/informant/relatedEntity/code/@code  /ClinicalDocument/informant/relatedEntity/code/@codeSystem  /ClinicalDocument/informant/relatedEntity/code/@displayName | <code code="01" codeSystem="2.16.840.1.113883.2  .1.3.2.4.16.45"  displayName="Spouse"/> |
| relatedEntity /addr/@use  relatedEntity  /addr/streetAddressLine[1..5] relatedEntity /addr/city relatedEntity /addr/postalCode | An address associate d with the informant | Informants address | /ClinicalDocument/informant/relatedEntity/addr/@use  /ClinicalDocument/informant/relatedEntity/addr/streetAddressLine[1]  /ClinicalDocument/informant/relatedEntity/addr/city  /ClinicalDocument/informant/relatedEntity/addr/postalCode | <addr use="HP">  <streetAddressLine>43 Summers Avenue</streetAddressLine>  <streetAddressLine>Somerset Street</streetAddressLine>  <city>Medway</city>  <postalCode>ME5 7TY</postalCode>  </addr> |
| relatedEntity/telecom/@value relatedEntity/telecom/@use | A phone number of the | Call back details of an informant  If this is deemed the | /ClinicalDocument/informant/relatedEntity/telecom/@value  /ClinicalDocument/informant/relatedEntity/telecom/@use | <telecom value="tel:07886554123" use="MC"/> |

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|  | informant. This is a callback phone number for the event | preferred contact for the NHS111 encounter, set the use attribute to “EC” (emergency contact) |  |  |
| relatedEntity/templateId/@root  relatedEntity/templateId/@ext ension | None – a fixed value | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145007UK03#R  elatedEntity” | /ClinicalDocument/informant/relatedEntity/templateId/@root  /ClinicalDocument/informant/relatedEntity/templateId/@extension | <templateId extension="COCD\_TP145007UK03  #RelatedEntity" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| relatedPerson/classCode | None – a fixed code | Always FIXED to “PSN” | /ClinicalDocument/informant/relatedEntity/relatedPerson/@classCode | <relatedPerson classCode="PSN" determinerCode="INSTANCE"> |
| relatedPerson/determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/informant/relatedEntity/relatedPerson/@determine rCode | <relatedPerson classCode="PSN" determinerCode="INSTANCE"> |
| relatedPerson/name/prefix relatedPerson/name/given relatedPerson/name/family | The name of the informant | Informant name preferably in structured format | /ClinicalDocument/informant/relatedEntity/relatedPerson/name/prefix  /ClinicalDocument/informant/relatedEntity/relatedPerson/name/given  /ClinicalDocument/informant/relatedEntity/relatedPerson/name/family | < name>  <prefix>Mrs</prefix>  <given>Helga</given>  <family>Bloggs</family>  </name> |
| relatedPerson/templateId/@ro ot  relatedPerson/templateId/@ex tension | None – a fixed code | Always FIXED to  Root "2.16.840.1.113883.2.1.3.2  .4.18.2"  Extension “COCD\_TP145007UK03#r  elationshipHolder” | /ClinicalDocument/informant/relatedEntity/relatedPerson/templateId/  @root  /ClinicalDocument/informant/relatedEntity/relatedPerson/templateId/  @extension | <templateId extension="COCD\_TP145007UK03  #relationshipHolder" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |

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| **CDA Concept: custodian – an organisation responsible for the clinical document** | | **Contains custodian details. In CDA this is always the organisation responsible for the message.** | | | **Includes Generic CDA Classes**  **Custodian; assignedCustodian; representedCustodianOrganization** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| custodian/typeCode | None, a fixed value | | Always FIXED to “PRCP” | /ClinicalDocument/custodian/@typeCode | | <custodian typeCode="CST"> |
| custodian/npfit:contentid/@roo t  custodian/npfit:contentid/@ext ension | None, a fixed value | | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16”  Extension “COCD\_TP145018UK03#A  ssignedCustodian” | /ClinicalDocument/custodian/npfitlc:contentId/@root  /ClinicalDocument/custodian/npfitlc:contentId/@extension | | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145018UK03  #AssignedCustodian"/> |
| assignedCustodian/classCode | None, a fixed value | | Always FIXED to “ASSIGNED” | /ClinicalDocument/custodian/assignedCustodian/@classCode | | <assignedCustodian classCode="ASSIGNED"> |
| assignedCustodian/templateid/  @root  assignedCustodian/templateid/  @extension | None, a fixed value | | Always FIXED Root  “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension “COCD\_TP145018UK03#A  ssignedCustodian” | /ClinicalDocument/custodian/assignedCustodian/templateId/@root  /ClinicalDocument/custodian/assignedCustodian/templateId/@extensi on | | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145018UK03  #AssignedCustodian"/> |
| representedCustodianOrganiz ation/@classCode | None, a fixed value | | Always FIXED to “ORG” | /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/@classCode | | <representedCustodianOrganizatio n classCode="ORG" determinerCode="INSTANCE"> |

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| representedCustodianOrganiz ation/@determinerCode | None, a fixed value | Always Fixed to “INSTANCE” | /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/@determinerCode | <representedCustodianOrganizatio n classCode="ORG" determinerCode="INSTANCE"> |
| representedCustodianOrganiz ation/templateId/@root  representedCustodianOrganiz ation/templateId/@extension | None, a fixed value | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145018UK03#r  epresentedCustodianOrgan ization” | /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/templateId/@root  /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145018UK03  #representedCustodianOrganizatio n"/> |
| representedCustodianOrganiz ation/id/@root  representedCustodianOrganiz ation/id/@extension | The identifier of the custodian organisati on | Either the ODS site (preferred), or ODS organisation code of the custodian organisation  Root is either “2.16.840.1.113883.2.1.3.2.  4.19.2" (for site) OR  2.16.840.1.113883.2.1.3.2.  4.19.1" (for org) | /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/id/@root  /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/id/@extension | <id root="2.16.840.1.113883.2.1.3.2.4.  19.1" extension="5L3"/> |
| representedCustodianOrganiz ation/name | The ODA name of the custodian organisati on | The name of the organisation taken from ODS | /ClinicalDocument/custodian/assignedCustodian/representedCustodi anOrganization/name | <name>Medway NHS Foundation Trust</name> |

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| **CDA Concept: recipient – includes both information recipient (i.e. primary recipient) and trackers (i.e. copy to recipient)** | | **Recipient details – This document assumes that recipients either organisations (such as an A&E department, GP Practice, OOH OR a person such as a GP)** | | | **Includes Generic CDA Classes**  **informationRecipient; intendedRecipient; representedOrganization; assignedPerson** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |

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| InformationRecipient/typeCod e | None, a fixed value | Always a FIXED value.  For information recipient “PRPC”  For trackers “TRC” | /ClinicalDocument/informationRecipient/@typeCode | <informationRecipient typeCode="PRCP"> |
| InformationRecipient/npfitlc:co ntentId/@root  InformationRecipient/npfitlc:co ntentId/@extension | None, a fixed value | Always a FIXED value (but varies depending on whether the receiver is an org or person)  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.16  Extension for org is “COCD\_TP145203GB03#I  ntendedRecipient”  Extension for person is “COCD\_TP145202GB02#I  ntendedRecipient” | /ClinicalDocument/informationRecipient/npfitlc:contentId/@root  /ClinicalDocument/informationRecipient/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145203GB03  #IntendedRecipient"/> |
| **For an Organisation** |  |  |  |  |
| intendedRecipient/@classCod e | None, a fixed value | Always FIXED to “ASSIGNED” | /ClinicalDocument/informationRecipient[1]/intendedRecipient/@class Code | <intendedRecipient classCode="ASSIGNED"> |
| intendedRecipient/templateId | None, a fixed value | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145203GB03#I  ntendedRecipient” | /ClinicalDocument/informationRecipient[1]/intendedRecipient/templat eId/@extension  /ClinicalDocument/informationRecipient[1]/intendedRecipient/templat eId/@root | <templateId extension="COCD\_TP145203GB03  #IntendedRecipient" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| intendedRecipient/addr/@use  intendedRecipient/addr/streeA ddressLine  intendedRecipient/addr/postal Code | Use this where the postal address of the recipient is useful. Use case is a GP | Use FIX to “WP”  streetAddressLine if the location address  postalAddress is the location post code | /ClinicalDocument/informationRecipient[1]/intendedRecipient/addr  /ClinicalDocument/informationRecipient[1]/intendedRecipient/addr/str eetAddressLine[1]  /ClinicalDocument/informationRecipient[1]/intendedRecipient/addr/po stalCode | <addr use="WP">  <streetAddressLine>Thames Medical Practice</streetAddressLine>  <streetAddressLine>Hill Street Branch Surgery</streetAddressLine>  <streetAddressLine>Medway</stre |

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|  | branch surgery where the branch doesn’t have an ODS  code |  |  | etAddressLine>  <streetAddressLine>Essex</street AddressLine>  <postalCode>ME4 5TT</postalCode>  </addr> |
| intendedRecipient/telecom/@v alue  intendedRecipient/telecom/@u se | The contact details for the recipient | Contact details for the recipient. Use will probably be “WP” – workplace | /ClinicalDocument/informationRecipient[1]/intendedRecipient/telecom  /@use  /ClinicalDocument/informationRecipient[1]/intendedRecipient/telecom  /@value | <telecom use="WP" value="tel:01234576789"></teleco m> |
| receivedOrganization/@class Code | None – a fixed value | Always FIXED to “ORG” | /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive dOrganization/@classCode | <receivedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| receivedOrganization/@deter minerCode | None – a fixed value | Always FIXED to “INSTANCE” | /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive dOrganization/@determinerCode | <receivedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| receivedOrganization/id/@root  receivedOrganization/id/@ext ension | An identifier from ODS for the receiving organisati on | Either the ODS site code, or the ODS organisation code  For site, root “2.16.840.1.113883.2.1.3.2.  4.19.2”  For organisation, root “2.16.840.1.113883.2.1.3.2.  4.19.1”  Extension is the ODS code | /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive dOrganization/id/@extension  /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive dOrganization/id/@root | <id extension="EM396" root="2.16.840.1.113883.2.1.3.2.4. 19.1"/> |
| receivedOrganization/name | The name of the organisati on | The name of the organisation as supplied by ODS | /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive dOrganization/name | <name>Medway Kent Out of Hours Clinic</name> |
| receivedOrganization/template Id/@root | None – a fixed | Always FIXED  Root “2.16.840.1.113883.2.1.3.2. | /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive dOrganization/templateId/@extension  /ClinicalDocument/informationRecipient[1]/intendedRecipient/receive | <templateId extension="COCD\_TP145203GB03  #representedOrganization" root="2.16.840.1.113883.2.1.3.2.4. |
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| receivedOrganization/template Id/@extension | value | 4.18.2”  Extension “COCD\_TP145203GB03#r  epresentedOrganization" | dOrganization/templateId/@root | 18.2"/> |
| **For a Person** |  |  |  |  |
| intendedRecipient/@classCod e | None, a fixed value | Always FIXED to “ASSIGNED” | /ClinicalDocument/informationRecipient[1]/intendedRecipient/@class Code | <intendedRecipient classCode="ASSIGNED"> |
| intendedRecipient/templateId | None, a fixed value | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145202GB02#I  ntendedRecipient” | /ClinicalDocument/informationRecipient[1]/intendedRecipient/templat eId/@extension  /ClinicalDocument/informationRecipient[1]/intendedRecipient/templat eId/@root | <templateId extension="COCD\_TP145202GB02  #IntendedRecipient" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| intendedRecipient/id/@root  intendedRecipient/id/@extensi on | An identifier for the recipient person | An identifier for the recipient. Preference is an SDS identifier,  Root “1.2.826.0.1285.0.2.0.65”  And extension is the SDS identifier  but could be a local identifier (with an assigning authority name) root “2.16.840.1.113883.2.1.3.2.  4.18.24”, extension is the identifier, and assigningauthorityname | /ClinicalDocument/informationRecipient[2]/intendedRecipient/id/@roo t  /ClinicalDocument/informationRecipient[2]/intendedRecipient/id/@ext ension  /ClinicalDocument/informationRecipient[2]/intendedRecipient/id/@ass igningAuthorityName | <id root="2.16.840.1.113883.2.1.3.2.4.  18.24" extension="abc123" assigningAuthorityName="THENHS TRUSTNAME"/> |
| intendedRecipient/telecom/@u se  intendedRecipient/telecom/@v alue | The contact details of the person | Contact details for the recipient. Use will probably be “WP” – workplace | /ClinicalDocument/informationRecipient[2]/intendedRecipient/telecom  /@use  /ClinicalDocument/informationRecipient[2]/intendedRecipient/telecom  /@value | <telecom use="WP" value="tel:02345676789"/> |
| intendedRecipient/recipientRol | The role | The role of the recipient | /ClinicalDocument/informationRecipient[2]/intendedRecipient/npfitlc:r | <npfitlc:recipientRoleCode code="NR0260" |

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| eCode/@code  intendedRecipient/recipientRol eCode/@codeSystem  intendedRecipient/recipientRol eCode/@displayName | of the recipient person | codeSystem is fixed to “2.16.840.1.113883.2.1.3.2.  4.17.124”  code and display name from the vocab | ecipientRoleCode/@code  /ClinicalDocument/informationRecipient[2]/intendedRecipient/npfitlc:r ecipientRoleCode/@codeSystem  /ClinicalDocument/informationRecipient[2]/intendedRecipient/npfitlc:r ecipientRoleCode/@displayName | codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.124"  displayName="General Medical Practitioner"/> |
| informationRecipient/@classC ode | None, a fixed code | Always FIXED to “PSN” | /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/@classCode | <informationRecipient classCode="PSN" determinerCode="INSTANCE"> |
| informationRecipient/@determ inerCode | None, a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/@determinerCode | <informationRecipient classCode="PSN" determinerCode="INSTANCE"> |
| informationRecipient/name/pre fix  informationRecipient/name/giv en  informationRecipient/name/fa mily | The name of the recipient, preferably in a structured format | The name of the person split into prefix, given and family parts by preference | /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/name  /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/name/given  /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/name/family  /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/name/prefix | <name>  <given>Pauline</given>  <family>Shelley</family>  <prefix>Ms</prefix>  </name> Or  <name> Ms Pauline Shelley</name> |
| informationRecipient/templateI d/@root  informationRecipient/templateI d/@extension | None, a fixed code | Always fixed  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145202GB02#I  ntendedRecipient" | /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/templateId/@extension  /ClinicalDocument/informationRecipient[2]/intendedRecipient/informat ionRecipient/templateId/@root | <templateId extension="COCD\_TP145202GB02  #assignedPerson" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| receivedOrganization/@class Code | None, a fixed code | Always FIXED to “ORG” | /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/@classCode | <receivedOrganization classCode="ORG" determinerCode="INSTANCE"> |
| receivedOrganization/@deter minerCode | None, a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/@determinerCode | <receivedOrganization classCode="ORG" determinerCode="INSTANCE"> |

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| receivedOrganization/id/@root  receivedOrganization/id/@ext ension | The ODS identifier for the patient’s registered GP  practice | The ODS code for the GP Practice, site code is preferred  For site code root is “2.16.840.1.113883.2.1.3.2.  4.19.2”  For org code, root is “2.16.840.1.113883.2.1.3.2.  4.19.1"  Extension is the ODS code | /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/id/@extension  /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/id/@root | <id extension="W123" root="2.16.840.1.113883.2.1.3.2.4. 19.1"/> |
| receivedOrganization/name | The name of the GP Practice | Name of the GP Practice | /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/name | <name>Medway Medical Practice</name> |
| receivedOrganization/standardI ndustryClassCode/@code  receivedOrganization/standardI ndustryClassCode/@codeSyst em  receivedOrganization/standardI ndustryClassCode/@displayN ame | None, a fixed code | A fixed code (to say that this class represents the patient’s GP practice)  Code “001”  CodeSystem “2.16.840.1.113883.2.1.3.2.  4.17.191”  displayName “General Medical Practice” | /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/standardIndustryClassCode/@code  /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/standardIndustryClassCode/@codeSystem  /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/standardIndustryClassCode/@displayName | <standardIndustryClassCode code="001" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.191"  displayName="General Medical Practice"/> |
| receivedOrganization/template Id/@root  receivedOrganization/template Id/@extension | None, a fixed code | Always a FIXED code  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145202GB02#r  epresentedOrganization” | /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/templateId/@extension  /ClinicalDocument/informationRecipient[2]/intendedRecipient/receive dOrganization/templateId/@root | <templateId extension="COCD\_TP145202GB02  #representedOrganization" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |

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| **CDA Concept: participant – this is to be used to record the (postal) address of the organisation site to which the patient has been directed. The typeCode will be FIXED to REFT (Referred to)** | **The physical address for the site (WiC / OOH etc.) a patient been directed to is important, as the correspondence address (i.e. the code for the recipient) may represent a higher level organisation than the actual WiC / OOH etc. site.** | **Only use the conformance template “DocumentParticipantUniversal” and within this template, use classes AssignedEntity and scopingOrganization only as stated below** |

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| **CDA Data Item** | **Business relevanc e** | **Value Guidance** | **Generic CDA Xpath** | **Example** |
| participant/typeCode | None, a fixed value | Always a FIXED value. “REFT” | /ClinicalDocument/participant/@typeCode | <participant typeCode="REFT" contextControlCode="OP"> |
| Participant/functionCode | Omit this attribute (not required for NHS111) |  |  |  |
| participant/contextControlCode | None, a fixed value | Always a FIXED value. “OP” | /ClinicalDocument/participant/@ contextControlCode | <participant typeCode="REFT" contextControlCode="OP"> |
| participant/npfitlc:contentId/@r oot  participant/npfitlc:contentId/@ extension | None, a fixed value | Always a FIXED value (as we always use the same template for the pilot)  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.16”  Extension is “COCD\_TP145214GB01#A  ssociatedEntity” | /ClinicalDocument/participant/npfitlc:contentId/@root  /ClinicalDocument/participant/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145214GB01  #AssociatedEntity"> |
| associatedEntity/@classCode | None, a fixed value | Always a FIXED value “ASSIGNED” | /ClinicalDocument/participant/associatedEntity/@classCode | <associatedEntity classCode="ASSIGNED "> |
| associatedEntity/templateId/@ root  associatedEntity/templateId/@ extension | None, a fixed value | Always a FIXED value  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension is always “COCD\_TP145214GB01#A  ssociatedEntity” | /ClinicalDocument/participant/associatedEntity/templateId/@root  /ClinicalDocument/participant/associatedEntity/templateId/@extensio n | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145214GB01  #AssociatedEntity"/> |

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| associatedEntity/id/@root  associatedEntity/id/@extension | If available, this is the ODS site code where the patient has been referred to | Root is FIXED to “2.16.840.1.113883.2.1.3.2.  4.19.2”  Extension is the ODS site code where the patient was referred. | /ClinicalDocument/participant/associatedEntity/id/@root  /ClinicalDocument/participant/associatedEntity/id/@extension | <id root="2.16.840.1.113883.2.1.3.2.4.  19.2" extension="R8722"/> |
| associatedEntity/addr/@use  associatedEntity/addr/streetAd dressLine [1..5]  associatedEntity/addr/postalC ode | This is mandator y – this is the actual site address of the place where the patient has been directed to attend. | Use is FIXED to “PHYS” (physical address)  streetAddressLine [1..5] is the address of the site the patient was directed to.  postalCode is the postcode of the site the patient was directed to. | /ClinicalDocument/participant/associatedEntity/addr/@use  /ClinicalDocument/participant/associatedEntity/addr/streetAddressLin e[1..5]  /ClinicalDocument/participant/associatedEntity/addr/postalCode | <addr use="PHYS">  <streetAddressLine>Church Street Walk in Centre</streetAddressLine>  <streetAddressLine>4 Church Street</streetAddressLine>  <streetAddressLine>Medway</stre etAddressLine>  <postalCode>ME8 7TT</postalCode>  </addr> |
| associatedEntity/telecom/@use  associatedEntity/telecom/@value | If available, the telecom details of the place where the patient has been directed to attend. | Use is FIXED to “EC” (emergency contact)  Value is usually a telephone number for the site | /ClinicalDocument/participant/associatedEntity/telecom/@use  /ClinicalDocument/participant/associatedEntity/telecom/@value | <telecom use="EC" value="tel:0123456789"/> |
| scopingOrganization/@classCode | None, a fixed value | Always FIXED to “ORG” | /ClinicalDocument/participant/associatedEntity/scopingOrganization/  @classCode | <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> |

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| scopingOrganization/@determ inerCode | None, a fixed value | Always FIXED to “INSTANCE” | /ClinicalDocument/participant/associatedEntity/scopingOrganization/  @determinerCode | <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> |
| scopingOrganization/templateId/@root  scopingOrganization/templateId/@extension | None, a fixed value | Always a FIXED value  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension is always “COCD\_TP145214GB01#s  copingOrganization” | /ClinicalDocument/participant/associatedEntity/templateId/@root  /ClinicalDocument/participant/associatedEntity/templateId/@extensio n | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145214GB01  #scopingOrganization"/> |
| scopingOrganization/id/@root  scopingOrganization/id/@extension | This is either the org site, or organisati on code that owns the associate dEntity/ad dr document ed above | Root is Always FIXED to  For Org Site “2.16.840.1.113883.2.1.3.2.  4.19.2”  Extension is the org site code  For an Organisation “2.16.840.1.113883.2.1.3.2.  4.19.1”  Extension is org code | /ClinicalDocument/participant/associatedEntity/scopingOrganization/i d/@root  /ClinicalDocument/participant/associatedEntity/scopingOrganization/i d/@extension | <id root="2.16.840.1.113883.2.1.3.2.4.  19.1" extension="RE3"></id> |
| scopingOrganization/name | This is the name associate d with the org site or organisati on above | The name of the org site or organisation | /ClinicalDocument/participant/associatedEntity/scopingOrganization/n ame | <name>Medway Community Hospital</name> |

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| **CDA Concept: EncompassingEncounter** | | **Contains details of where the 111 incident took place, when it took place, the NHS 111 disposition code, 111 case reference** | | | **Includes Generic CDA Classes**  **componentOf; encompassingEncounter; location; healthCareFacility; location; serviceProviderOrganization** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| componentOf/@typeCode | None – a fixed code | | Always FIXED to “COMP” | /ClinicalDocument/componentOf/@typeCode | | <componentOf typeCode="COMP"> |
| componentOf/npfitlc:contentId/  @root  componentOf/npfitlc:contentId/  @extension | None – a fixed code | | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension “COCD\_TP146232GB01#E  ncompassingEncounter" | /ClinicalDocument/componentOf/npfitlc:contentId/@root  /ClinicalDocument/componentOf/npfitlc:contentId/@extension | | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP146232GB01  #EncompassingEncounter"/> |
| encompassingEncounter/@classCode | None – a fixed code | | Always FIXED to “ENC” | /ClinicalDocument/componentOf/encompassingEncounter/@classCo de | | <encompassingEncounter classCode="ENC" moodCode="EVN"> |
| encompassingEncounter/@moodCode | None – a fixed code | | Always FIXED to “EVN” | /ClinicalDocument/componentOf/encompassingEncounter/@moodCo de | | <encompassingEncounter classCode="ENC" moodCode="EVN"> |
| encompassingEncounter/templateId/@root  encompassingEncounter/templateId/@extension | None – a fixed code | | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP146232GB01#E  ncompassingEncounter" | /ClinicalDocument/componentOf/encompassingEncounter/templateId/  @root  /ClinicalDocument/componentOf/encompassingEncounter/templateId/  @extension | | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP146232GB01  #EncompassingEncounter"/> |

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| encompassingEncounter/id/@root  encompassingEncounter/id/@extension | First is a mandatory unique reference number (Journey Identifier).The id will be generated by the system that first received the Integrated Urgent Care call. All initial calls to Integrated Urgent Care must create an identifier.  Other identifiers include the case referece of the local case identifier. | For the Journey Identifier:  Root “2.16.840.1.113883.2.1.3.2.4.18.49”  As well as the Journey Identifier, there MUST be at least ones of the following identifiers -  For the unique case reference:  Root “2.16.840.1.113883.2.1.3.2.4.18.34”  For local identifier Root  “2.16.840.1.113883.2.1.3.2.  4.18.35"  Extension (in each case) is the actual code | /ClinicalDocument/componentOf/encompassingEncounter/id[1]/@root  /ClinicalDocument/componentOf/encompassingEncounter/id[1]/@ext ension | <id root="2.16.840.1.113883.2.1.3.2.4.18.49" extension="LOC665"/>  <id root="2.16.840.1.113883.2.1.3.2.4.18.34" extension="CASEREF1234"/>    <id root="2.16.840.1.113883.2.1.3.2.4.18.35" extension="CASEID123"/> |
| encompassingEncounter/code/@code  encompassingEncounter/code/@codeSystem  encompassingEncounter/code/@displayName | None – a fixed code | Always FIXED  Code NOT YET DEFINED  displayName NOT YET DEFINED  CodeSystem “2.16.840.1.113883.2.1.3.2.  4.17.326” | /ClinicalDocument/componentOf/encompassingEncounter/code/@co de  /ClinicalDocument/componentOf/encompassingEncounter/code/@co deSystem  /ClinicalDocument/componentOf/encompassingEncounter/code/@dis playName | <code code="NHS111Encounter" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.326"  displayName="NHS111 Encounter"/> |
| encompassingEncounter/effectiveTime/low/@value  encompassingEncounter/effectiveTime/high/@value | The start (low) and end (high) of the 111 encounter | The low value represent the start time of the case on the 111 system  The high value represents the end time of the case on the 111 system | /ClinicalDocument/componentOf/encompassingEncounter/effectiveTi me/low/@value  /ClinicalDocument/componentOf/encompassingEncounter/effectiveTi me/high/@value | <effectiveTime>  <low value="201105191945"/>  <high value="201105192015"/>  </effectiveTime> |
| encompassingEncounter/dischargeDispositionCode | A code to represent how the 111  encounter ended | The final disposition code of the 111 encounter.  CodeSystem is fixed to “2.16.840.1.113883.2.1.3.2.  4.17.325”  Code and dispalyName are taken from the vocab. | /ClinicalDocument/componentOf/encompassingEncounter/discharge DispositionCode/@code  /ClinicalDocument/componentOf/encompassingEncounter/discharge DispositionCode/@codeSystem  /ClinicalDocument/componentOf/encompassingEncounter/discharge DispositionCode/@displayName | <dischargeDispositionCode code="2.16.840.1.113883.2.1.3.2.4  .17.325"  codeSystem="Dx009"  displayName="Go to the nearest Emergency Department within 4 hours”/> |
| responsibleParty | This is the person responsible for the 111 event (such as a supervisor). For the purposes of this pilot this detail is not documented here. |  |  |  |
| encounterParticipant | This is someone who has been consulted during the course of the 111 encounter. For the purposes of this pilot this detail is not documented here. |  |  |  |

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| **Location. For a NHS111 report, location details are sent as below. (note that the healthcareFacility id field is set to a null flavour of “NA” – not applicable as this is used for gazetteer look up, which won’t be available to a GP, OOH service & A&E department)** | | | | |
| Location/@typeCode | None – a fixed code | Always **FIXED to “**LOC” | /ClinicalDocument/componentOf/encompassingEncounter/location/@ typeCode | <location typeCode="LOC"> |
| Location/contentId/@root  Location/contentId/@extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16"  Extension "COCD\_TP145222GB02#H  ealthCareFacility" |  |  |
| Location/contentId/@root  Location/contentId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP146232GB01#l  ocation" | /ClinicalDocument/componentOf/encompassingEncounter/location/np fitlc:contentId/@root  /ClinicalDocument/componentOf/encompassingEncounter/location/np fitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145222GB02  #HealthCareFacility"/> |
| Location/templateId/@root  Location/templateId/@extensi on | None – a fixed code | Always FIXED to “ISDLOC” | /ClinicalDocument/componentOf/encompassingEncounter/location/te mplateId/@root  /ClinicalDocument/componentOf/encompassingEncounter/location/te mplateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP146232GB01  #location"/> |
| healthCareFacility/@classCod e | None – a fixed code | As there is no location identifier when the recipient has no access to a gazetteer, fix id to a nullFlavor of “NA” | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/@classCode | <healthCareFacility classCode="ISDLOC"> |
| healthCareFacility/id | None – fix to null flavour as shown | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145222GB02#H  ealthCareFacility" | /AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/l ocation/healthCareFacility/id/@nullflavor=”NA” | <id nullFlavor=”NA”/> |
| healthCareFacility/templateId/  @root  healthCareFacility/templateId/  @extension | None – a fixed code | A code to represent the incident location type. Any code from any code system may be used, but the codeSystem must be | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/templateId/@extension  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/templateId/@root | <templateId extension="COCD\_TP145222GB02  #HealthCareFacility" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |
| healthCareFacility/code/@cod e  healthCareFacility/code/@cod | A code to represent the incident |  | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/code/@code  /ClinicalDocument/componentOf/encompassingEncounter/location/he | <code code="313161000000107" codeSystem="2.16.840.1.113883.2  .1.3.2.4.15"  displayName="Example Care |
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| eSystem  healthCareFacility/code/@disp layName | location type. If this is not coded, this informanti on my just appear in the text summary | supplied | althCareFacility/code/@codeSystem  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/code/@displayName | Setting"/> |
| Location/@classCode | None – a fixed code | Always FIXED to “PLC” | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/@classCode | <location classCode="PLC" determinerCode="INSTANCE"> |
| Location/@determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/@determinerCode | <location classCode="PLC" determinerCode="INSTANCE"> |
| Location/name | The name of the location (informati on that doesn’t fit in addr) | Use this for additional location details that don’t fit in the structure of addr below. This is free text | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/name | <name>Some details about the incident location</name> |
| Location/addr/@use  Location/addr/streetAddressLi ne  Location/addr/city Location/addr/postalCode Location/addr/desc Location/addr/country  Location/addr/additionalLocator | The address details of the 111 inclident.  Use Street Addess Lines, city and postcode for postal | 111 incident location details, as recorded on the 111 system  The use attribute will normally be fixed to PHY (physical location)  NOTE: a notation of X (for easting) and Y (for northing) is used to transmit the coordinates | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/@use  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/streetAddressLine  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/city  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/postalCode  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/desc | <addr use="PHYS">  <streetAddressLine>2, Brancaster Road</streetAddressLine>  <city>Medway</city>  <postalCode>ME5 FL5</postalCode>  <desc>Follow the high street and turn left by Boots</desc>  <country>GB</country>  <country>Great Britain</country>  <addressKey>321659874562</addressKey> |

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|  | address. Use desc for textual descriptio n of location. Use additional Locator for easting and northing coordinat es  Use addressKey for address key such as UPRN or PAF key |  | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/country[1]  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/addr/additionalLocator | <additionalLocator>X34567,Y78956<  /additionalLocator>  </addr> |
| location/templateId/@root  location/templateId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension “COCD\_TP145222GB02#l  ocation” | /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/templateId/@extension  /ClinicalDocument/componentOf/encompassingEncounter/location/he althCareFacility/location/templateId/@root | <templateId extension="COCD\_TP145222GB02  #location" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/> |

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| **CDA Concept: serviceEvent** | **Details events that took place during this encounter. For the purposes of the pilot, this is not detailed here** |  |

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| **CDA Concept: Consent** | | **Details consent to share this document. Note: This it is a Mandatory Requirement to have Consent in the message instance.** | | |  | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| Authorization/@typeCode | None – a fixed code | | Always FIXED to “AUTH” | /ClinicalDocument/authorization/@typeCode | | <authorization typeCode="AUTH"> |

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| Authorization/contentId/@root  Authorization/contentId/@exte nsion | None – a fixed code | Always FIXED  Root "2.16.840.1.113883.2.1.3.2  .4.18.16"  Extension “COCD\_TP146226GB02#C  onsent” | /ClinicalDocument/authorization/npfitlc:contentId/@root  /ClinicalDocument/authorization/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP146226GB02  #Consent"/> |
| Consent/@classCode | None – a fixed code | Always FIXED to “CONS” | /ClinicalDocument/authorization/consent/@classCode | <consent classCode="CONS" moodCode="EVN"> |
| Consent/@moodCode | None – a fixed code | Always FIXED to “EVN” | /ClinicalDocument/authorization/consent/@moodCode | <consent classCode="CONS" moodCode="EVN"> |
| Consent/templateId/@root  Consent/templateId/@extensi on | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension "COCD\_TP146226GB02#C  onsent" | /ClinicalDocument/authorization/consent/templateId/@root  /ClinicalDocument/authorization/consent/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP146226GB02  #Consent"/> |
| consent/id/@root | An identifier for this instance of consent | A generated DCE UUID | /ClinicalDocument/authorization/consent/id/@root | <id root="A709A442-3CF4-476E- 8377-377700E727C7"/> |
| Consent/code/@code Consent/code/@codeSystem Consent/code/@displayName | The consent code and descriptio n | If no consent is available (or gained) default to the values shown in the example. If using an alternative consent vocab, refer to the tabular view description. | /ClinicalDocument/authorization/consent/code/@code  /ClinicalDocument/authorization/consent/code/@codeSystem  /ClinicalDocument/authorization/consent/code/@displayName | <code code="425691002" codeSystem="2.16.840.1.113883.2  .1.3.2.4.15"  displayName="Consent given for electronic record sharing"/> |
| Consent /statusCode/code | None – a fixed code | Always FIXED to “completed” | /ClinicalDocument/authorization/consent/statusCode/@code | <statusCode code="completed"/> |

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| **CDA Concept: StructuredBody** | | **Contains a text summary of the 111 call, a reported condition (if not in the text summary), any pertinent notes such as Special Patient Notes and optionally an attachment of an extract from the 111 system that may be used by the receiver to gain further detail (if the receiver can process this extra information)** | | | **Includes Generic CDA Classes**  **Component; structuredBody; component; section; entry; observationMedia;** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| Component/@typeCode | None – a fixed code | | Always FIXED to “COMP” | /ClinicalDocument/component/@typeCode | | <component typeCode="COMP" contextConductionInd="true"> |
| Component/@contextConducti onInd | None – a fixed code | | Always FIXED to “true” | /ClinicalDocument/component/@contextConductionInd | | <component typeCode="COMP" contextConductionInd="true"> |
| structuredBody/@classCode | None – a fixed code | | Always FIXED to “DOCBODY” | /ClinicalDocument/component/structuredBody/@classCode | | <structuredBody classCode="DOCBODY" moodCode="EVN"> |
| structuredBody/@moodCode | None – a fixed code | | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/@moodCode | | <structuredBody classCode="DOCBODY" moodCode="EVN"> |
| Component/@typeCode | None – a fixed code | | Always FIXED to “COMP” | /ClinicalDocument/component/structuredBody/component/@typeCod e | | <component typeCode="COMP" contextConductionInd="true"> |
| Component/@contextConducti onInd | None – a fixed code | | Always FIXED to “true” | /ClinicalDocument/component/structuredBody/component/@contextC onductionInd | | <component typeCode="COMP" contextConductionInd="true"> |
| Section/@classCode | None – a fixed | | Always FIXED to “DOCSECT” | /ClinicalDocument/component/structuredBody/component/section/@c lassCode | | <section classCode="DOCSECT" moodCode="EVN"> |

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| Section/moodCode | None – a fixed code | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/component/section/@ moodCode | <section classCode="DOCSECT" moodCode="EVN"> |
| Section/id/@root | a generated DCE  UUID for this document section | Each document section requires a DCE UUID. This helps ascertain whether the document section has changed from document to document (in a set of documents) | /ClinicalDocument/component/structuredBody/component/section/id/  @root | <id root="7AFDCAD6-1CE3-45A6- A176-DDAC27F46C87"/> |
| **For the 111 output summary text** |  |  | **NOTE: many text sections are allowed** |  |
| Component/typeCode | None – a fixed code | Always FIXED to “COMP” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/@typeCode | <component typeCode="COMP" contextConductionInd="true"> |
| Component/contextConductio nInd | None – a fixed code | Always FIXED to “true” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/@contextConductionInd | <component typeCode="COMP" contextConductionInd="true"> |
| Component/contentId/@root  Component/contentId/@exten sion | None – a fixed code | Always FIXED  Root "2.16.840.1.113883.2.1.3.2  .4.18.16"  Extension “COCD\_TP146246GB01#S  ection1” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/npfitlc:contentId/@root  /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP146246GB01  #Section1"/> |
| Section/classCode | None – a fixed code | Always FIXED to “DOCSECT” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/@classCode | <section classCode="DOCSECT" moodCode="EVN"> |
| Section/moodCode | None – a fixed code | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/@moodCode | <section classCode="DOCSECT" moodCode="EVN"> |
| Section/code/@code | This is a code to | The use of this attribute is undefined during the 111 |  |  |

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| Section/code/@codeSystem Section/code/@displayName | represent a section to allow a machine to recognise different sections | pilot. Its uses include a national set of section codes generated from 111 system, however, these codes have not yet been agreed nor developed |  |  |
| Section/templateId/@root  Section/templateId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension "COCD\_TP146246GB01#S  ection1" | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/templateId/@root  /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP146246GB01  #Section1"/> |
| Section/id/@root | A  generated DCE  UUID to represent a document section | Each document section requires a DCE UUID. This helps ascertain whether the document section has changed from document to document (in a set of documents) | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/id/@root | <id root="773110DB-288F-4B32- 8DE1-362646A65E9A"/> |
| Section/title | The title fro the text (this is rendered in the document | The title of the section. Fix this to “Case Summary” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/title | <title>Case Summary</title> |
| Section/text | The text being conveyed  – in this case the 111 case | The text associated with the title. This must be in CDA markup. This is generated by the 111 system.  See the examples provided | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/text | <text>  <content styleCode="bold">Patient:</content  >  <br/>  <content>Joe Bloggs</content> |

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|  | summary | in the NHS 111 Domain Message Specification for examples of CDA markup  No demographic information should be included in the case summary. |  | <br/>  <content styleCode="bold">Disposition:</con tent>  <br/>  <content>Go to the nearest Emergency Department within 4 hours.</content>  </text> |
| **For the 111 additional information (such as Special Patient Notes & Patient’s reported condition)** |  |  | **NOTE: many text sections are allowed** |  |
| Component/typeCode | None – a fixed code | Always FIXED to “COMP” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/@typeCode | <component typeCode="COMP" contextConductionInd="true"> |
| Component/contextConductio nInd | None – a fixed code | Always FIXED to “true” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/@contextConductionInd | <component typeCode="COMP" contextConductionInd="true"> |
| Component/contentId/@root  Component/contentId/@exten sion | None – a fixed code | Always FIXED  Root "2.16.840.1.113883.2.1.3.2  .4.18.16"  Extension “COCD\_TP146246GB01#S  ection1” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/npfitlc:contentId/@root  /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/npfitlc:contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP146246GB01  #Section1"/> |
| Section/classCode | None – a fixed code | Always FIXED to “DOCSECT” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/@classCode | <section classCode="DOCSECT" moodCode="EVN"> |
| Section/moodCode | None – a fixed code | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/@moodCode | <section classCode="DOCSECT" moodCode="EVN"> |

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| Section/code/@code Section/code/@codeSystem Section/code/@displayName | This is a code to represent a section to allow a machine to recognise different sections | The use of this attribute is undefined during the 111 pilot. Its uses include a national set of section codes generated from 111 system, however, these codes have not yet been agreed nor developed |  |  |
| Section/templateId/@root  Section/templateId/@extensio n | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension "COCD\_TP146246GB01#S  ection1" | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/templateId/@root  /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP146246GB01  #Section1"/> |
| Section/id/@root | A  generated DCE  UUID to represent a document section | Each document section requires a DCE UUID. This helps ascertain whether the document section has changed from document to document (in a set of documents) | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/id/@root | <id root="773110DB-288F-4B32- 8DE1-362646A65E9B "/> |
| Section/title | The title fro the text (this is rendered in the document | The title of the section. This is the title of the section on the rendered report. As “Special Patient Notes” should be used for special patient notes.  If the section relates to patient’s reported condition, then use the title “Patient’s Reported Condition” | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/title | <title>Special Patient Notes</title>  Or  <title>Patient’s Reported Condition</text> |
| Section/text | The text being | The text associated with the title. This must be in CDA markup. This is | /ClinicalDocument/component/structuredBody/component/section/co mponent[1]/section/text | <text> |
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|  | conveyed  – in this case the 111 case summary | generated by the 111 system.  See the examples provided in the NHS 111 Domain Message Specification for examples of CDA markup |  | Patient is violent  </text> |
| **For the 111 system detailed extract (sometimes referred to as the “blob”** |  |  |  |  |
| Entry/typeCode | None – a fixed code | Always FIXED to “COMP” | /ClinicalDocument/component/structuredBody/component/section/ent ry/@typeCode | <entry typeCode="COMP" contextConductionInd="true"> |
| Entry/contextConductionInd | None – a fixed code | Always FIXED to “true” | /ClinicalDocument/component/structuredBody/component/section/ent ry/@contextConductionInd | <entry typeCode="COMP" contextConductionInd="true"> |
| Entry/contentId | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.16”  Extension “COCD\_TP146002GB01#  ObservationMedia” | /ClinicalDocument/component/structuredBody/component/section/ent ry/npfitlc:contentId/@extension  /ClinicalDocument/component/structuredBody/component/section/ent ry/npfitlc:contentId/@root | <npfitlc:contentId extension="COCD\_TP146002GB01  #ObservationMedia" root="2.16.840.1.113883.2.1.3.2.4. 18.16"/> |
| observationMedia/@classCod e | None – a fixed code | Always FIXED to “OBS” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/@classCode | <observationMedia classCode="OBS" moodCode="EVN"> |
| observationMedia/@moodCod e | None – a fixed code | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/@moodCode | <observationMedia classCode="OBS" moodCode="EVN"> |
| observationMedia/templateId/  @root  observationMedia/templateId/  @extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension " COCD\_TP146002GB01#O | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/templateId/@extension  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/templateId/@root | <templateId extension="COCD\_TP146002GB01  #ObservationMedia" root="2.16.840.1.113883.2.1.3.2.4. 18.2"/ |

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|  |  | bservationMedia" |  |  |
| observationMedia/id/@root | A  generated DCE  UUID to represent this attachme nt | A generated DCE UUID | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/id/@root | <id root="7DAC2CE0-AE1A-11DB- 98EE-B18E1E0994CD"/> |
| observationMedia/value  observationMedia/value/@repr esentation  observationMedia/value/@me diaType | The attachme nt goes here (in between the  <value> tags | The attachment in Base64 encoding, and usually as an XML document  (if this is the case representation is fixed to “B64”, and mediaType to “text/xml”) | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/value  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/value/@representation  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/value/@mediaType | <value representation="B64" mediaType="text/xml">  PFBhdGh3YXlzQ2FzZSB4bWxucz  </value> |
| **The software used to create the “blob”** |  |  |  |  |
| participant/@typeCode | None – a fixed code | Always FIXED to “DEV” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/@typeCode | <participant typeCode="DEV" contextControlCode="OP"> |
| participant/@contextControlCo de | None – a fixed code | Always FIXED to “OP” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/@contextControlCode | <participant typeCode="DEV" contextControlCode="OP"> |
| participant/templateId/@root  participant/templateId/@exten sion | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension " COCD\_TP146002GB01#P  articipantRole | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/templateId/@root  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP146002GB01  #participant"/> |
| participant/contentId/@root participant/contentId/@extensi | None – a fixed code (as | Always FIXED to  Root=”2.16.840.1.113883.2  .1.3.2.4.18.16” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/npfitlc:contentId/@root  /ClinicalDocument/component/structuredBody/component/section/ent | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4. 18.16"  extension="COCD\_TP145000GB01 |

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| on | there is only a choice of 1  template) | Extension=” COCD\_TP145000GB01#P  articipantRole” | ry/observationMedia/participant/npfitlc:contentId/@extension | #ParticipantRole"/> |
| participantRole/@classCode | None – a fixed code | Always FIXED to “ROL” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/@classCode | <participantRole classCode="ROL"> |
| participantRole/templateId/@r oot  participantRole/templateId/@e xtension | None – a fixed code | Always FIXED to  root="2.16.840.1.113883.2. 1.3.2.4.18.2"  extension="COCD\_TP1450 00GB01#ParticipantRole” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/templateId/@root  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/templateId/@extensio n | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145000GB01  #ParticipantRole"/> |
| participantRole/code/@code  participantRole/code/@codeS ystem | None – a fixed code | Always FIXED to  Code=”TS”  codeSystem=”2.16.840.1.1 13883.2.1.3.2.4.17.418” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/code/@code  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/code/@codeSystem | <code code="TS" codeSystem="2.16.840.1.113883.2  .1.3.2.4.17.418"/> |
| playingDevice/@classCode | None – a fixed code | Always FIXED to “DEV” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/playingDevice/@clas sCode | <playingDevice classCode="DEV" determinerCode="INSTANCE"> |
| playingDevice/@determinerCo de | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/playingDevice/@dete rminerCode | <playingDevice classCode="DEV" determinerCode="INSTANCE"> |
| playingDevice/templateId/@ro ot  playingDevice/templateId/@ex tension | None – a fixed code | Always FIXED to  root="2.16.840.1.113883.2. 1.3.2.4.18.2"  extension="COCD\_TP1450 00GB01#playingDevice" | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/playingDevice/templa teId/@root  /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/playingDevice/templa teId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145000GB01  #playingDevice"/> |
| playingDevice/manufacturerM odelName/@displayName | Contains the software used to record the | The name of the software used to capture the triage data (used to decipher the attached “Blob”) | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/playingDevice/manuf acturerModelName/@displayName | <manufacturerModelName displayName="Pathways"/> |

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|  | triage |  |  |  |
| playingDevice/softwareName/  @displayName | Contains the software version used to record the triage | The name of the software version used to capture the triage data (used to decipher the attached “Blob”) | /ClinicalDocument/component/structuredBody/component/section/ent ry/observationMedia/participant/participantRole/playingDevice/softwar eName/@displayName | <softwareName displayName="2.4"/> |

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| **Callback details**  **The callback details for the service sending the messages. This will allow the receivers to easily get in touch with the sending service.**  **For the CDA report, you will need to use the ‘Participant’ class.**  **Only use the conformance template “DocumentParticipantUniversal” and within this template, use classes AssignedEntity and scopingOrganization only as stated below** | | | | |
| **Data Item** | **Business relevance** | **Value Guidance** | **Xpath** | **Example** |
| participant/typeCode | None – a FIXED  code | Always FIXED to “CALLBCK” | /ClinicalDocument/participant/@typeCode | <participant typeCode="CALLBCK" contextControlCode="OP"> |
| participant/contextControlCode | None – a FIXED  code | Always FIXED to “OP” | /ClinicalDocument/participant/@contextControlCode | <participant typeCode="CALLBCK" contextControlCode="OP"> |
| participant/contentId/@root  participant/contentId/@extension | Always a FIXED value.  Root is always “2.16.840.1.113883.2.1.3.2.4.18.16”  Extension is always “COCD\_TP145212GB02#Workgroup” | FIXED  Root “2.16.840.1.113883.2.1.3.2.4.18.16”  Extension ““COCD\_TP145212GB02#Workgroup” | /ClinicalDocument/participant/contentId/@root  /ClinicalDocument/participant/contentId/@extension | <npfitlc:contentId root="2.16.840.1.113883.2.1.3.2.4.18.16" extension="COCD\_TP145212GB02#Workgroup"/> |
| associatedEntity/@classCode | None – a FIXED  code | Always FIXED to “ASSIGNED” | /ClinicalDocument/participant/associatedEntity/@classCode | <associatedEntity classCode="ASSIGNED "> |
| associatedEntity/templateId/@ root  associatedEntity/templateId/@ extension | None, a fixed value | Always a FIXED value  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension is always “COCD\_TP145212GB02#Workgroup” | /ClinicalDocument/participant/associatedEntity/templateId/@root  /ClinicalDocument/participant/associatedEntity/templateId/@extensio n | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145212GB02  #Workgroup"/> |
| associatedEntity/id/@root  associatedEntity/id/@extension | If available, this is the ODS site code where the patient has been referred to | A code to represent the contact for the call back. | /ClinicalDocument/participant/associatedEntity/id/@root  /ClinicalDocument/participant/associatedEntity/id/@extension | <id root="2.16.840.1.113883.2.1.3.2.4.  19.2" extension="R8722"/> |
| associatedEntity/code | The HL7 attribute code uses the workgroup name to identify a workgroup or team by name. | See the tabular view for more details on this element | /ClinicalDocument/participant/associatedEntity/@code  /ClinicalDocument/participant/associatedEntity/@codeSystem  /ClinicalDocument/participant/associatedEntity/@displayName | <code code="01" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.266" displayName="Call Centre"/> |
| associatedEntity/telecom/@use  associatedEntity/telecom/@value | If available, the telecom details of the callback contact. | Use is FIXED to “WP” (work place)  Value is usually a telephone number for the site. | /ClinicalDocument/participant/associatedEntity/telecom/@use  /ClinicalDocument/participant/associatedEntity/telecom/@value | <telecom use="EC" value="tel:0123456789"/> |
| associatedPerson/@classCode | None, a fixed value | Always FIXED to “PSN” | /ClinicalDocument/participant/associatedEntity/associatedPerson/  @classCode | <associatedPerson classCode="PSN" determinerCode="INSTANCE"> |
| associatedPerson/@determinerCode | None, a fixed value | Always FIXED to “INSTANCE” | /ClinicalDocument/participant/associatedEntity/associatedPerson/@determinerCode | <associatedPerson classCode="PSN" determinerCode="INSTANCE"> |
| associatedPerson /templateId/@root  associatedPerson /templateId/@extension | None, a fixed value | Always a FIXED value  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension is always “COCD\_TP145212GB02#associatedPerson” | /ClinicalDocument/participant/associatedEntity/ associatedPerson/templateId/@root  /ClinicalDocument/participant/associatedEntity/ associatedPerson /templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD\_TP145212GB02#associatedPerson"/> |
| associatedPerson /name | The name/position of the callback contact | The name/position of the callback contact | /ClinicalDocument/participant/associatedEntity/ associatedPerson /name | <name>Call Centre Manager</name> |
| scopingOrganization/@classCode | None, a fixed value | Always FIXED to “ORG” | /ClinicalDocument/participant/associatedEntity/scopingOrganization/  @classCode | <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> |
| scopingOrganization/@determ inerCode | None, a fixed value | Always FIXED to “INSTANCE” | /ClinicalDocument/participant/associatedEntity/scopingOrganization/  @determinerCode | <scopingOrganization classCode="ORG" determinerCode="INSTANCE"> |
| scopingOrganization/templateId/@root  scopingOrganization/templateId/@extension | None, a fixed value | Always a FIXED value  Root is always “2.16.840.1.113883.2.1.3.2.  4.18.2”  Extension is always “COCD\_TP145212GB02#representedOrganization” | /ClinicalDocument/participant/associatedEntity/templateId/@root  /ClinicalDocument/participant/associatedEntity/templateId/@extensio n | <templateId root="2.16.840.1.113883.2.1.3.2.4. 18.2"  extension="COCD\_TP145212GB02  #representedOrganization"/> |
| scopingOrganization/id/@root  scopingOrganization/id/@extension | This is either the org site, or organisati on code that owns the associate dEntity/ad dr document ed above | Root is Always FIXED to  For Org Site “2.16.840.1.113883.2.1.3.2.  4.19.2”  Extension is the org site code  For an Organisation “2.16.840.1.113883.2.1.3.2.  4.19.1”  Extension is org code | /ClinicalDocument/participant/associatedEntity/scopingOrganization/i d/@root  /ClinicalDocument/participant/associatedEntity/scopingOrganization/i d/@extension | <id root="2.16.840.1.113883.2.1.3.2.4.19.2" extension="06HAK"/> |
| scopingOrganization/name | This is the name associate d with the org site or organisation above | The name of the org site or organisation | /ClinicalDocument/participant/associatedEntity/scopingOrganization/n ame | <name>111 CALL CENTRE</name> |

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| **CDA Concept: ParentDocument** | | **This is to do with the replacement of documents within a set of documents. There are 3 key attributes: id – which is the id of the document being replaced (all documents a unique id); setId – which links all the documents together as being replacements of oneanother; and versionNumber – which is an integer to represent the document version within the set** | | | **Includes Generic CDA Classes relatedDocument; ParentDocument** | |
| **CDA Data Item** | **Business relevanc e** | | **Value Guidance** | **Generic CDA Xpath** | | **Example** |
| relatedDocument/@typeCode | None – a fixed code | | Always FIXED to “RPLC” | /ClinicalDocument/relatedDocument/@typeCode | | <relatedDocument typeCode="RPLC"> |
| parentDocument/classCode | None – a fixed code | | Always FIXED to “DOCCLIN” | /ClinicalDocument/relatedDocument/parentDocument/@classCode | | <parentDocument classCode="DOCCLIN" moodCode="EVN"> |
| parentDocument/moodCode | None – a fixed code | | Always FIXED to “EVN” | /ClinicalDocument/relatedDocument/parentDocument/@moodCode | | <parentDocument classCode="DOCCLIN" moodCode="EVN"> |
| parentDocument/id/@root | The id of the document being replaced | | The DCE UUID of the document being replaced – take this from the replaced document | /ClinicalDocument/relatedDocument/parentDocument/id/@root | | <id root="A709A442-3CF4-476E- 8377-376500E66666"></id> |

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| parentDocument/setId/@root | The id of the document set that is the same for all document s in the set | The DCE UUID of the set of documents – take this from the replaced document | /ClinicalDocument/relatedDocument/parentDocument/setId/@root | <setId root="411910CF-1A76- 4330-98FE- C345DDEE5553"></setId> |
| parentDocument/versionNumb er/@value | The version number of the document being replaced | The version number of the document being replaced – take this from the replaced document | /ClinicalDocument/relatedDocument/parentDocument/versionNumber  /@value | <versionNumber value="1"></versionNumber> |
| parentDocument/code/@code  parentDocument/code/@code System | The code of the document being replaced (this will be the same as this document  ) | The code of the document being replaced – take this from the replaced document | /ClinicalDocument/relatedDocument/parentDocument/code/@code  /ClinicalDocument/relatedDocument/parentDocument/code/@codeSy stem | <code code="1066271000000101 " codeSystem="2.16.840.1.113883.2  .1.3.2.4.15"/> |

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| **CDA Concept –**  **IntegratedUrgentCareHistory** |  |  |  |  |
| **CDA Data Item** | **Business Relevance** | **Value Guidance** | **Generic CDA Xpath** | **Example** |
| IntegratedUrgentCareHistory/@classCode | None – a fixed code | Always FIXED to “ENC” | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory@classCode | <encounter classCode="ENC" moodCode="EVN"> |
| IntegratedUrgentCareHistory/@moodCode | None – a fixed code | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory@moodCode | <encounter classCode="ENC" moodCode="EVN"> |
| IntegratedUrgentCareHistory/id | Up to 2 case identifiers. First is unique reference number, second is local case identifier | For the unique case reference. This entry is copied from the encompassingEncounter section and can have an OID of either:  “2.16.840.1.113883.2.1.3.2.4.18.34”  For local identifier  or “2.16.840.1.113883.2.1.3.2.4.18.35"  Extension (in each case) is the actual code | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/id | <id root="2.16.840.1.113883.2.1.3.2.4.18.35" extension="CASEID123"/> |
| IntegratedUrgentCareHistory/text |  | Carry the details of the advice given. | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/text | <html>  HTML text here…  </html> |
| IntegratedUrgentCareHistory/effectiveTime | The start (low) and end (high) of the encounter. | The low value represent the start time of the case.  The high value represents the end time of the case. | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/effectiveTime/low/@value  /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/effectiveTime/high/@value | <effectiveTime value="201611101345+00"/> |
| IntegratedUrgentCareHistory/priorityCode | A code to represent how the encounter ended. | The final disposition code of the encounter.  CodeSystem is fixed to “2.16.840.1.113883.2.1.3.2.4.17.325”  Code and displayName are taken from the vocab | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/priorityCode/@code  /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/priorityCode/@codeSystem  /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/priorityCode/@displayName | <priorityCode code="Dx009" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.325" displayName="Go to the nearest Emergency Department within 4 hours."/> |
| IntegratedUrgentCareHistory/templateId/@root  IntegratedUrgentCareHistory/templateId/@extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.4.18.2”  Extension “COCD\_TP146091GB01# IntegratedUrgentCareHistory" | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/templateId/@root  /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD\_TP146091GB01#IntegratedUrgentCareHistory"/> |

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| **CDA Concept - Clinical Discriminator** | | | | |
| **Data Item** | **Business Relevance** | **Value Guidance** | **XPath** | **Example** |
| ClinicalDiscriminator/@classCode | None – FIXED  value | Always FIXED to “OBS” | /ClinicalDocument/component/structuredBody/component/section/entry/ClinicalDiscriminator @classCode | <clinicalDiscriminator classCode="OBS" moodCode="EVN"> |
| ClinicalDiscriminator/@moodCode | None – FIXED  value | Always FIXED to “EVN” | /ClinicalDocument/component/structuredBody/component/section/entry/ClinicalDiscriminator@moodCode | <clinicalDiscriminator classCode="OBS" moodCode="EVN"> |
| ClinicalDiscriminator/code@code  ClinicalDiscriminator/code@codeSystem | None – FIXED  value | The code attribute is fixed to "CD".  The codeSystem attribute is fixed to "2.16.840.1.113883.2.1.3.2.4.17.540" | /ClinicalDocument/component/structuredBody/component/section/entry/ClinicalDiscriminator @Code  /ClinicalDocument/component/structuredBody/component/section/entry/ClinicalDiscriminator @CodeSystem | <code code="CD" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.540"/> |
| ClinicalDiscriminator /templateId/@root  ClinicalDiscriminator /templateId/@extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.4.18.2”  Extension “COCD\_TP146092GB01#ClinicalDiscriminator " | /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/templateId/@root  /ClinicalDocument/component/structuredBody/component/section/entry/IntegratedUrgentHistory/templateId/@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension=" COCD\_TP146092GB01#ClinicalDiscriminator "/> |
| ClinicalDiscriminator/value |  | xsi:type fixed to “CV”  If using a SNOMED CT terminology:  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.4.15”  If using a concept from NHS Pathways:  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.4.24”  If using another codeset/terminology:  CodeSystem FIXED to “2.16.840.1.113883.2.1.3.2.4.25” | /ClinicalDocument/component/structuredBody/component/section/entry/ ClinicalDiscriminator /value/ | <value xsi:type="CV" codeSystem="2.16.840.1.113883.2.1.3.2.4.15" code="22298006" displayName="Myocardial infarction"/>  <value xsi:type="CV" codeSystem="2.16.840.1.113883.2.1.3.2.4.24" code="123456" displayName="Heart attack"></value> |

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| **CDA Concept - AppointmentReference** | | | | |
| **Data Item** | **Business Relevance** | **Value Guidance** | **XPath** | **Example** |
| encounter/@classCode | None – a fixed code | Always FIXED to “ENC” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter@classCode | <encounter classCode="ENC" moodCode="APT"> |
| encounter/@moodCode | None – a fixed code | Always FIXED to “APT” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter@moodCode | <encounter classCode="ENC" moodCode="APT"> |
| encounter /templateId/  @root  encounter /templateId/  @extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension " COCD\_TP146093GB01#AppointmentReference” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/templateId@root  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/templateId@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD\_TP146093GB01#AppointmentReference"/> |
| encounter/id | The HL7 attribute **id** is used to identify the appointment identifier. | Contains the appointment identifier. | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/Id@root  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/Id@extension | <id root="2.16.840.1.113883.2.1.3.2.4.17.541" extension="eb4f7f21-3962-4416-9a29-a46dd6ee5f17"/> |
| encounter/code | The HL7 attribute code uses the workgroup name to identify a workgroup or team by name. | The attribute code uses a code from the vocabulary AppointmentPatientConvenienceType to determine whether the appointment was chosen for the patient's convenience. | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/Id@code  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/Id@codesystem  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/Id@displayName | <code code="01" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.542" displayName="Patient convenience appointment"/> |
| encounter/effectiveTime | The date and time of the appointment | The date and time of the appointment | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/effectiveTime | <effectiveTime value="201706011400+00"/> |
| encounter/participant@typeCode | None, a fixed value | Always FIXED to “LOC” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant@typeCode |  |
| encounter/participant@contextControlCode | None, a fixed value | Always FIXED to “OP” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant@contextControlCode |  |
| Encounter/participant/templateId/  @root  encounter/participant/templateId/  @extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension " COCD\_TP146093GB01#location” | /ClinicalDocument/component/structuredBody/component/section/entry/encounterparticipant/templateId@root  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/templateId@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD\_TP146093GB01#location"/> |
| encounter/participant/participantRole/  @classCode | None – a fixed code | Always fixed to “ASSIGNED” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole@classCode | <participantRole classCode="ASSIGNED"> |
| encounter/participant/participantRole/templateId/  @root  encounter/participant/participantRole/templateId/  @extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension " COCD\_TP146093GB01#assignedEntity” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/templateId@root  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/templateId@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD\_TP146093GB01#assignedEntity"/> |
| encounter/participant/participantRole/id | Identifier to identify the ODS code for the organisation that will hold the appointment |  | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/id | <id root="2.16.840.1.113883.2.1.3.2.4.19.1" extension="Q36"/> |
| encounter/participant/participantRole /addr/@use  encounter/participant/participantRole /addr/streetAddres sLine[1..5]  encounter/participant/participantRole /addr/city  encounter/participant/participantRole /addr/postalCode | The address where the appointment is booked |  | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/addr@use  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/addr/streetAddressLine  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/addr/city  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/addr/postalCode | <addr use="WP">  <streetAddressLine>Great George Street</streetAddressLine>  <city>Leeds</city>  <postalCode>LE13EX</postalCode>  </addr> |
| encounter/participant/participantRole /playingEntity/@classCode | None – a fixed code | Always FIXED to “ORG” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/playingEntity | <playingEntity classCode="ORG" determinerCode="INSTANCE"> |
| encounter/participant/participantRole /playingEntity/@determinerCode | None – a fixed code | Always FIXED to “INSTANCE” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/playingEntity | <playingEntity classCode="ORG" determinerCode="INSTANCE"> |
| encounter/participant/participantRole/playingEntity/templateId/  @root  encounter/participant/participantRole/playingEntity/templateId/  @extension | None – a fixed code | Always FIXED  Root “2.16.840.1.113883.2.1.3.2.  4.18.2"  Extension " COCD\_TP146093GB01#assignedOrganization” | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/playingEntity/templateId@root  /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/playingEntity/templateId@extension | <templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD\_TP146093GB01#assignedOrganization"/> |
| encounter/participant/participantRole/playingEntity/name/ | The description of the organisation associated with the ODS code. |  | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/playingEntity/name |  |
| encounter/participant/participantRole/playingEntity/desc/ | The service with which the appointment is booked. |  | /ClinicalDocument/component/structuredBody/component/section/entry/encounter/participant/participantRole/playingEntity/desc |  |