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Guidance for Creation of a 111 CDA Document

Document Management

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Version	Date	Summary of Changes
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0.1	10/12/2011	Updated applied
0.2	21/02/2012	Amended to include new class to hold software version of included triage data. Added guidance for inclusion of additional information such as Special Patient Notes
1.0 Final	04/10/2013	Rebranded document & changed status to Final

Reviewers

This document must be reviewed by the following people:

Reviewer name	Title / Responsibility	Date	Version
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Glossary of Terms

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

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Contents

1 Introduction

This document provides guidance for creating a 111 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.

2 Guidance for creating a 111 CDA document

2.1 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 NHS 111 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 NHS 111 DMS in the schemas folder (\schemas\ POCD_MT000002UK01.xsd). The suggested procedure that developers follow in order to create NHS 111 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 NHS 111 DMS pack
- Test the conformance of the produced generic CDA document by using the transform within the NHS 111 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.

2.2 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 NHS 111 conformance profile. For the optionality of each data item, consult the NHS 111 conformance model. Further guidance on data values is given on the conformance model.

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 "819551000000100" CodeSystem "2.16.840.1.113883.2.1.3.2.4.15"	/ClinicalDocument/code/@code /ClinicalDocument/code/@codeSystem	<code code="819551000000100" 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"

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/@dispalyName	A code to state the confidentiality 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/@displayName /ClinicalDocument/confidentialityCode/@codeSystem	<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"/>

CDA Concept: recordTarget (aka patient)		Contains the patient's details	Includes Generic CDA Classes recordTarget; PatientRole; Patient	
CDA Data Item	**Business relevance**	**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/@contextControlCode	None – a fixed code	Always FIXED to "OP"	/ClinicalDocument/recordTarget/@contextControlCode	<recordTarget typeCode="RCT" contextControlCode="OP">
recordTarget/contentId/@root recordTarget/contentId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP145201GB01#PatientRole"	/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/@assigningAuthorityName	The patient identifier. This is the patient's NHS number. If this is not available, another patient identifier can be	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	/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:SOUTH DEVON HEALTHCARE NHS FOUNDATION TRUST"/>

	used	authority name		
patientRole/addr/@use patientRole/addr/streetAddressLine[1..5] patientRole/addr/city patientRole/addr/postalCode patientRole/addr/desc patientRole/addr/country patientRole/addr/additionalLocator	A set of addresses associated 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/@extension	None – a fixed value	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145201GB01#PatientRole"	/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/@classCode	None – a fixed	Always FIXED to "ORG"	/ClinicalDocument/recordTarget/patientRole/providerOrganization/@classCode	<providerOrganization classCode="ORG" determinerCode="INSTANCE">

	value			
providerOrganization/@determinerCode	None – a fixed value	Always FIXED to "INSTANCE"	/ClinicalDocument/recordTarget/patientRole/providerOrganization/@determinerCode	<providerOrganization classCode="ORG" determinerCode="INSTANCE">
providerOrganization/id/@root providerOrganization/id/@extension	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/name	<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/telecom/@value /ClinicalDocument/recordTarget/patientRole/providerOrganization/telecom/@use	<telecom value="tel:01634 111222" use="WP"/>
providerOrganization/templateId/@root providerOrganization/templateId/@extension	None – a fixed value	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145201GB01#providerOrganization"	/ClinicalDocument/recordTarget/patientRole/providerOrganization/templateId/@root /ClinicalDocument/recordTarget/patientRole/providerOrganization/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145201GB01#providerOrganization"/>
providerOrganization/addr/@use 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/addr/@use /ClinicalDocument/recordTarget/patientRole/providerOrganization/addr/streetAddressLine /ClinicalDocument/recordTarget/patientRole/providerOrganization/ad	<addr use="WP"> <streetAddressLine>Springer Street</streetAddressLine> <city>Medway</city> <postalCode>ME5

providerOrganization/addr/city providerOrganization/addr/postalCode	Practice		dr/city /ClinicalDocument/recordTarget/patientRole/providerOrganization/addr/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/standardIndustryClassCode/@code /ClinicalDocument/recordTarget/patientRole/providerOrganization/standardIndustryClassCode/@displayName /ClinicalDocument/recordTarget/patientRole/providerOrganization/standardIndustryClassCode/@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/@determinerCode	<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/@extension	<templateId extension="COCD_TP145201GB01 #patientPatient" root="2.16.840.1.113883.2.1.3.2.4.

		.4.18.2" Extension "COCD_TP145201GB01#patientPatient"		18.2"/>
patient/administrativeGenderCode/@code patient/administrativeGenderCode/@codeSystem patient/administrativeGenderCode/@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/administrativeGenderCode/@code /ClinicalDocument/recordTarget/patientRole/patient/administrativeGenderCode/@codeSystem /ClinicalDocument/recordTarget/patientRole/patient/administrativeGenderCode/@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/languageCode/@code	A code to represent the language used by the patient	A code from the HumanLanguage vocab	/ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/languageCode/@code	<languageCode code="en"/>
languageCommunication/modeCode/@code languageCommunication/modeCode/@codeSystem languageCommunication/modeCode/@displayName	The mode in which the patient can communicate 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/languageCommunication/modeCode/@code /ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/modeCode/@codeSystem /ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/modeCode/@displayName	<modeCode code="RSP" codeSystem="2.16.840.1.113883.5.60" displayName="Received Spoken"/>

	(such as spoken, written)			
languageCommunication/proficiencyLevelCode	The proficiency 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/languageCommunication/proficiencyLevelCode/@code /ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/proficiencyLevelCode/@codeSystem /ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/proficiencyLevelCode/@displayName	<proficiencyLevelCode code="F" codeSystem="2.16.840.1.113883.5.61" displayName="Fair"/>
languageCommunication/preferenceInd/@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/languageCommunication/preferenceInd/@value	<preferenceInd value="true"/> OR <preferenceInd nullFlavor="UNK"/>
languageCommunication/templateId	None – a fixed value	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145201GB01#languageCommunication"	/ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/templateId/@root /ClinicalDocument/recordTarget/patientRole/patient/languageCommunication/templateId/@extension	<templateId extension="COCD_TP145201GB01#languageCommunication" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>

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		
CDA Data Item	**Business relevance**	**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/@codeSystem 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#AssignedAuthor"	/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"

	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/@codeSystem assignedAuthor/code/@displayName	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/streetAddressLine[1..5] assignedAuthor/addr/city assignedAuthor/addr/postalCode	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/@value	Phone or email details of the author – maybe from SDS	Author's telecom details	/ClinicalDocument/author/assignedAuthor/telecom/@value	<telecom value="tel:01234567890"></telecom>
assignedAuthor/templateId/@root 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"/>

extension		Extension "COCD_TP145200GB01#AssignedAuthor"		
assignedPerson/@classCode	None – a fixed code	Always FIXED to "PSN"	/ClinicalDocument/author/assignedAuthor/assignedPerson/@classCode	\<assignedPerson classCode="PSN" determinerCode="INSTANCE"\>
assignedPerson/determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/ClinicalDocument/author/assignedAuthor/assignedPerson/@determinerCode	\<assignedPerson classCode="PSN" determinerCode="INSTANCE"\>
assignedPerson/name/prefix assignedPerson/name/given assignedPerson/name/surname	The name of the author	The name of the author – maybe from SDS. In preference in structured format	/ClinicalDocument/author/assignedAuthor/assignedPerson/name/prefix /ClinicalDocument/author/assignedAuthor/assignedPerson/name/given /ClinicalDocument/author/assignedAuthor/assignedPerson/name/family	\<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#assignedPerson"	/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/classCode	None – a fixed code	Always FIXED to "ORG"	/ClinicalDocument/author/assignedAuthor/representedOrganization/@classCode	\<representedOrganization classCode="ORG" determinerCode="INSTANCE"\>
representedOrganization/determinerCode	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.

representedOrganization/id/@extension	on site code (preferred), or the organisation 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/name	The organisation name associated with the code	Org site, or org name	/ClinicalDocument/author/assignedAuthor/representedOrganization/name	<name>Medway NHS Foundation Trust</name>
representedOrganization/templateId	None – a fixed code	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145200GB01#representedOrganization"	/ClinicalDocument/author/assignedAuthor/representedOrganization/templateId/@root /ClinicalDocument/author/assignedAuthor/representedOrganization/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145200GB01#representedOrganization"/>

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 relevance	Value Guidance	Generic CDA Xpath		Example
informat/typeCode	None – a fixed code	Always FIXED to "INF"	/ClinicalDocument/informant/@typeCode		<informant typeCode="INF" contextControlCode="OP">
informat/contextControlCode	None – a fixed	Always FIXED to "OP"	/ClinicalDocument/informant/@contextControlCode		<informant typeCode="INF"

code				contextControlCode="OP">
informat/contentId/@root informat/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#RelatedEntity"	/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/@codeSystem relatedEntity/code/@displayName	A code to represent the relationship between the informant & patient	A code from the CDAPersonRelationshipType 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 associated 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"/>

	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/@extension	None – a fixed value	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145007UK03#RelatedEntity"	/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/@determinerCode	<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/@root relatedPerson/templateId/@extension	None – a fixed code	Always FIXED to Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145007UK03#relationshipHolder"	/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"/>

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 relevance**	**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/@root custodian/npfit:contentid/@extension	None, a fixed value	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP145018UK03#AssignedCustodian"	/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#AssignedCustodian"	/ClinicalDocument/custodian/assignedCustodian/templateId/@root /ClinicalDocument/custodian/assignedCustodian/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145018UK03#AssignedCustodian"/>
representedCustodianOrganization/@classCode	None, a fixed value	Always FIXED to "ORG"	/ClinicalDocument/custodian/assignedCustodian/representedCustodianOrganization/@classCode	<representedCustodianOrganization classCode="ORG" determinerCode="INSTANCE">

representedCustodianOrganization/@determinerCode	None, a fixed value	Always Fixed to "INSTANCE"	/ClinicalDocument/custodian/assignedCustodian/representedCustodianOrganization/@determinerCode	<representedCustodianOrganization classCode="ORG" determinerCode="INSTANCE">
representedCustodianOrganization/templateId/@root representedCustodianOrganization/templateId/@extension	None, a fixed value	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145018UK03#representedCustodianOrganization"	/ClinicalDocument/custodian/assignedCustodian/representedCustodianOrganization/templateId/@root /ClinicalDocument/custodian/assignedCustodian/representedCustodianOrganization/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145018UK03#representedCustodianOrganization"/>
representedCustodianOrganization/id/@root representedCustodianOrganization/id/@extension	The identifier of the custodian organisation	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/representedCustodianOrganization/id/@root /ClinicalDocument/custodian/assignedCustodian/representedCustodianOrganization/id/@extension	<id root="2.16.840.1.113883.2.1.3.2.4.19.1" extension="5L3"/>
representedCustodianOrganization/name	The ODA name of the custodian organisation	The name of the organisation taken from ODS	/ClinicalDocument/custodian/assignedCustodian/representedCustodianOrganization/name	<name>Medway NHS Foundation Trust</name>

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 relevance**	**Value Guidance**	**Generic CDA Xpath**	**Example**

InformationRecipient/typeCode	None, a fixed value	Always a FIXED value. For information recipient "PRPC" For trackers "TRC"	/ClinicalDocument/informationRecipient/@typeCode	<informationRecipient typeCode="PRCP">
InformationRecipient/npfitlc:contentId/@root InformationRecipient/npfitlc:contentId/@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#IntendedRecipient" Extension for person is "COCD_TP145202GB02#IntendedRecipient"	/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/@classCode	None, a fixed value	Always FIXED to "ASSIGNED"	/ClinicalDocument/informationRecipient[1]/intendedRecipient/@classCode	<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#IntendedRecipient"	/ClinicalDocument/informationRecipient[1]/intendedRecipient/templateId/@extension /ClinicalDocument/informationRecipient[1]/intendedRecipient/templateId/@root	<templateId extension="COCD_TP145203GB03#IntendedRecipient" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>
intendedRecipient/addr/@use intendedRecipient/addr/streeAddressLine intendedRecipient/addr/postalCode	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/streetAddressLine[1] /ClinicalDocument/informationRecipient[1]/intendedRecipient/addr/postalCode	<addr use="WP"> <streetAddressLine>Thames Medical Practice</streetAddressLine> <streetAddressLine>Hill Street Branch Surgery</streetAddressLine> <streetAddressLine>Medway</stre

	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/templateId/@extension	value	4.18.2" Extension "COCD_TP145203GB03#representedOrganization"	dOrganization/templateId/@root	18.2"/>
For a Person				
intendedRecipient/@classCode	None, a fixed value	Always FIXED to "ASSIGNED"	/ClinicalDocument/informationRecipient[1]/intendedRecipient/@classCode	<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#IntendedRecipient"	/ClinicalDocument/informationRecipient[1]/intendedRecipient/templateId/@extension /ClinicalDocument/informationRecipient[1]/intendedRecipient/templateId/@root	<templateId extension="COCD_TP145202GB02#IntendedRecipient" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>
intendedRecipient/id/@root intendedRecipient/id/@extension	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/@root /ClinicalDocument/informationRecipient[2]/intendedRecipient/id/@extension /ClinicalDocument/informationRecipient[2]/intendedRecipient/id/@assigningAuthorityName	<id root="2.16.840.1.113883.2.1.3.2.4.18.24" extension="abc123" assigningAuthorityName="THENHSTRUSTNAME"/>
intendedRecipient/telecom/@use intendedRecipient/telecom/@value	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/recipientRoleCode/@codeSystem intendedRecipient/recipientRoleCode/@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:recipientRoleCode/@codeSystem /ClinicalDocument/informationRecipient[2]/intendedRecipient/npfitlc:recipientRoleCode/@displayName	codeSystem="2.16.840.1.113883.2.1.3.2.4.17.124" displayName="General Medical Practitioner"/>
informationRecipient/@classCode	None, a fixed code	Always FIXED to "PSN"	/ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/@classCode	<informationRecipient classCode="PSN" determinerCode="INSTANCE">
informationRecipient/@determinerCode	None, a fixed code	Always FIXED to "INSTANCE"	/ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/@determinerCode	<informationRecipient classCode="PSN" determinerCode="INSTANCE">
informationRecipient/name/prefix informationRecipient/name/given informationRecipient/name/family	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/informationRecipient/name /ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/name/given /ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/name/family /ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/name/prefix	<name> <given>Pauline</given> <family>Shelley</family> <prefix>Ms</prefix> </name> Or <name> Ms Pauline Shelley</name>
informationRecipient/templateId/@root informationRecipient/templateId/@extension	None, a fixed code	Always fixed Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145202GB02#IntendedRecipient"	/ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/templateId/@extension /ClinicalDocument/informationRecipient[2]/intendedRecipient/informationRecipient/templateId/@root	<templateId extension="COCD_TP145202GB02#assignedPerson" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>
receivedOrganization/@classCode	None, a fixed code	Always FIXED to "ORG"	/ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/@classCode	<receivedOrganization classCode="ORG" determinerCode="INSTANCE">
receivedOrganization/@determinerCode	None, a fixed code	Always FIXED to "INSTANCE"	/ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/@determinerCode	<receivedOrganization classCode="ORG" determinerCode="INSTANCE">

receivedOrganization/id/@root receivedOrganization/id/@extension	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/receivedOrganization/id/@extension /ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/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/receivedOrganization/name	<name>Medway Medical Practice</name>
receivedOrganization/stanardIndustryClassCode/@code receivedOrganization/stanardIndustryClassCode/@codeSystem receivedOrganization/stanardIndustryClassCode/@displayName	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/receivedOrganization/standardIndustryClassCode/@code /ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/standardIndustryClassCode/@codeSystem /ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/standardIndustryClassCode/@displayName	<standardIndustryClassCode code="001" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.191" displayName="General Medical Practice"/>
receivedOrganization/templateId/@root receivedOrganization/templateId/@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#representedOrganization"	/ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/templateId/@extension /ClinicalDocument/informationRecipient[2]/intendedRecipient/receivedOrganization/templateId/@root	<templateId extension="COCD_TP145202GB02#representedOrganization" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>

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**

CDA Data Item	Business relevance	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 e	None, a fixed value	Always a FIXED value. "OP"	/ClinicalDocument/participant/@ contextControlCode	<participant typeCode="REFT" contextControlCode="OP">
participant/npfitlc:contentId/@root 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#AssociatedEntity"	/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#AssociatedEntity"	/ClinicalDocument/participant/associatedEntity/templateId/@root /ClinicalDocument/participant/associatedEntity/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145214GB01#AssociatedEntity"/>

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/streetAddressLine [1..5] associatedEntity/addr/postalCode	This is mandatory – 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/streetAddressLine[1..5] /ClinicalDocument/participant/associatedEntity/addr/postalCode	<addr use="PHYS"> <streetAddressLine>Church Street Walk in Centre</streetAddressLine> <streetAddressLine>4 Church Street</streetAddressLine> <streetAddressLine>Medway</streetAddressLine> <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">

scopingOrganization/@determinerCode	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#scopingOrganization"	/ClinicalDocument/participant/associatedEntity/templateId/@root /ClinicalDocument/participant/associatedEntity/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145214GB01#scopingOrganization"/>
scopingOrganization/id/@root scopingOrganization/id/@extenssion	This is either the org site, or organisation code that owns the associatedEntity/addr documented 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/id/@root /ClinicalDocument/participant/associatedEntity/scopingOrganization/id/@extension	<id root="2.16.840.1.113883.2.1.3.2.4.19.1" extension="RE3"></id>
scopingOrganization/name	This is the name associated with the org site or organisation above	The name of the org site or organisation	/ClinicalDocument/participant/associatedEntity/scopingOrganization/name	<name>Medway Community Hospital</name>

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 relevance**	**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/@cla ssCode	None – a fixed code	Always FIXED to "ENC"	/ClinicalDocument/componentOf/encompassingEncounter/@classCo de	<encompassingEncounter classCode="ENC" moodCode="EVN">
encompassingEncounter/@m oodCode	None – a fixed code	Always FIXED to "EVN"	/ClinicalDocument/componentOf/encompassingEncounter/@moodCo de	<encompassingEncounter classCode="ENC" moodCode="EVN">
encompassingEncounter/temp lateId/@root encompassingEncounter/temp lateId/@extansion	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"/>

encompassingEncounter/id/@root encompassingEncounter/id/@extension	Up to 2 111 case identifiers. First is unique reference number, second is local case identifier	For the unique case refernce 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]/@extension	<id root="2.16.840.1.113883.2.1.3.2.4.18.34" extension="CASEREF1234"/>
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/@code /ClinicalDocument/componentOf/encompassingEncounter/code/@codeSystem /ClinicalDocument/componentOf/encompassingEncounter/code/@displayName	<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/effectiveTime/low/@value /ClinicalDocument/componentOf/encompassingEncounter/effectiveTime/high/@value	<effectiveTime> <low value="201105191945"/> <high value="201105192015"/> </effectiveTime>
encompassingEncounter/discharegDispositionCode	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	/ClinicalDocument/componentOf/encompassingEncounter/dischargeDispositionCode/@code /ClinicalDocument/componentOf/encompassingEncounter/dischargeDispositionCode/@codeSystem /ClinicalDocument/componentOf/encompassingEncounter/dischargeDispositionCode/@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

		taken from the vocab		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.			

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#HealthCareFacility"	/ClinicalDocument/componentOf/encompassingEncounter/location/npfitlc:contentId/@root /ClinicalDocument/componentOf/encompassingEncounter/location/npfitlc: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/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP146232GB01#location"	/ClinicalDocument/componentOf/encompassingEncounter/location/templateId/@root /ClinicalDocument/componentOf/encompassingEncounter/location/templateId/@extension	`<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP146232GB01#location"/>`
healthCareFacility/@classCode	None – a fixed code	Always FIXED to "ISDLOC"	/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/@classCode	`<healthCareFacility classCode="ISDLOC">`
healthCareFacility/id	None – fix to null flavour as shown	As there is no location identifier when the recipient has no access to a gazetteer, fix id to a nullFlavor of "NA"	/AmbulanceRequest/pertinentInformation5/pertinentEncounterEvent/location/healthCareFacility/id/@nullflavor="NA"	`<id nullFlavor="NA"/>`
healthCareFacility/templateId/@root healthCareFacility/templateId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145222GB02#HealthCareFacility"	/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/templateId/@extension /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/templateId/@root	`<templateId extension="COCD_TP145222GB02#HealthCareFacility" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>`

healthCareFacility/code/@code
 	
healthCareFacility/code/@cod
	A code to represent the incident	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/healthCareFacility/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`

eSystem healthCareFacility/code/@displayName	location type. If this is not coded, this informati on my just appear in the text summary	supplied	althCareFacility/code/@codeSystem /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/code/@displayName	Setting"/>
Location/@classCode	None – a fixed code	Always FIXED to "PLC"	/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/@classCode	<location classCode="PLC" determinerCode="INSTANCE">
Location/@determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/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/healthCareFacility/location/name	<name>Some details about the incident location</name>
Location/addr/@use Location/addr/streetAddressLine 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/healthCareFacility/location/addr /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/addr/@use /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/addr/streetAddressLine /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/addr/city /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/addr/postalCode /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/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>

			/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/addr/country[1]	<additionalLocatorX34567Y78956</additionalLocator>
	address. Use desc for textual description of location. Use additional Locator for easting and northing coordinates		/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/addr/additionalLocator	</addr>
location/templateId/@root location/templateId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP145222GB02#location"	/ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/templateId/@extension /ClinicalDocument/componentOf/encompassingEncounter/location/healthCareFacility/location/templateId/@root	<templateId extension="COCD_TP145222GB02#location" root="2.16.840.1.113883.2.1.3.2.4.18.2"/>

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

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 relevance**	**Value Guidance**	**Generic CDA Xpath**	**Example**
Authorization/@typeCode	None – a fixed	Always FIXED to "AUTH"	/ClinicalDocument/authorization/@typeCode	<authorization typeCode="AUTH">

		code		
Authorization/contentId/@root Authorization/contentId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP146226GB02#Consent"	/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/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP146226GB02#Consent"	/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 description	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	Always FIXED to "completed"	/ClinicalDocument/authorization/consent/statusCode/@code	\<statusCode code="completed"/>

	code			

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 relevance	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/@contextConductionInd	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/@typeCode	<component typeCode="COMP" contextConductionInd="true">
Component/@contextConductionInd	None – a fixed code	Always FIXED to "true"	/ClinicalDocument/component/structuredBody/component/@contextConductionInd	<component typeCode="COMP" contextConductionInd="true">
Section/@classCode	None – a fixed	Always FIXED to "DOCSECT"	/ClinicalDocument/component/structuredBody/component/section/@classCode	<section classCode="DOCSECT" moodCode="EVN">

	code			
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/component[1]/@typeCode	<component typeCode="COMP" contextConductionInd="true">
Component/contextConductionInd	None – a fixed code	Always FIXED to "true"	/ClinicalDocument/component/structuredBody/component/section/component[1]/@contextConductionInd	<component typeCode="COMP" contextConductionInd="true">
Component/contentId/@root Component/contentId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP146246GB01#Section1"	/ClinicalDocument/component/structuredBody/component/section/component[1]/npfitlc:contentId/@root /ClinicalDocument/component/structuredBody/component/section/component[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/component[1]/section/@classCode	<section classCode="DOCSECT" moodCode="EVN">
Section/moodCode	None – a fixed code	Always FIXED to "EVN"	/ClinicalDocument/component/structuredBody/component/section/component[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		

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/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension "COCD_TP146246GB01#Section1"	/ClinicalDocument/component/structuredBody/component/section/component[1]/section/templateId/@root /ClinicalDocument/component/structuredBody/component/section/component[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/component[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/component[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/component[1]/section/text	<text> <content styleCode="bold">Patient:</content>
  <content>Joe Bloggs</content>

	summary	in the NHS 111 Domain Message Specification for examples of CDA markup No demographic information should be included in the case summary.		 <content styleCode="bold">Disposition:</content>
  <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/component[1]/@typeCode	<component typeCode="COMP" contextConductionInd="true">
Component/contextConductionInd	None – a fixed code	Always FIXED to "true"	/ClinicalDocument/component/structuredBody/component/section/component[1]/@contextConductionInd	<component typeCode="COMP" contextConductionInd="true">
Component/contentId/@root Component/contentId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.16" Extension "COCD_TP146246GB01#Section1"	/ClinicalDocument/component/structuredBody/component/section/component[1]/npfitlc:contentId/@root /ClinicalDocument/component/structuredBody/component/section/component[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/component[1]/section/@classCode	<section classCode="DOCSECT" moodCode="EVN">
Section/moodCode	None – a fixed code	Always FIXED to "EVN"	/ClinicalDocument/component/structuredBody/component/section/component[1]/section/@moodCode	<section classCode="DOCSECT" moodCode="EVN">

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>

| | 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/entry/@typeCode | <entry typeCode="COMP" contextConductionInd="true"> |
| Entry/contextConductionInd | None – a fixed code | Always FIXED to "true" | /ClinicalDocument/component/structuredBody/component/section/entry/@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/entry/npfitlc:contentId/@extension

/ClinicalDocument/component/structuredBody/component/section/entry/npfitlc:contentId/@root | <npfitlc:contentId extension="COCD_TP146002GB01#ObservationMedia" root="2.16.840.1.113883.2.1.3.2.4.18.16"/> |
| observationMedia/@classCode | None – a fixed code | Always FIXED to "OBS" | /ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/@classCode | <observationMedia classCode="OBS" moodCode="EVN"> |
| observationMedia/@moodCode | None – a fixed code | Always FIXED to "EVN" | /ClinicalDocument/component/structuredBody/component/section/entry/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/entry/observationMedia/templateId/@extension

/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/templateId/@root | <templateId extension="COCD_TP146002GB01#ObservationMedia" root="2.16.840.1.113883.2.1.3.2.4.18.2"/ |

		bservationMedia"		
observationMedia/id/@root	A generated DCE UUID to represent this attachment	A generated DCE UUID	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/id/@root	<id root="7DAC2CE0-AE1A-11DB-98EE-B18E1E0994CD"/>
observationMedia/value observationMedia/value/@representation observationMedia/value/@mediaType	The attachment 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/entry/observationMedia/value /ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/value/@representation /ClinicalDocument/component/structuredBody/component/section/entry/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/entry/observationMedia/participant/@typeCode	<participant typeCode="DEV" contextControlCode="OP">
participant/@contextControlCode	None – a fixed code	Always FIXED to "OP"	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/@contextControlCode	<participant typeCode="DEV" contextControlCode="OP">
participant/templateId/@root participant/templateId/@extension	None – a fixed code	Always FIXED Root "2.16.840.1.113883.2.1.3.2.4.18.2" Extension " COCD_TP146002GB01#ParticipantRole	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/templateId/@root /ClinicalDocument/component/structuredBody/component/section/entry/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/entry/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

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/entry/observationMedia/participant/participantRole/@classCode	<participantRole classCode="ROL">
participantRole/templateId/@root participantRole/templateId/@extension	None – a fixed code	Always FIXED to root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP14500GB01#ParticipantRole"	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/participantRole/templateId/@root /ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/participantRole/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145000GB01#ParticipantRole"/>
participantRole/code/@code participantRole/code/@codeSystem	None – a fixed code	Always FIXED to Code="TS" codeSystem="2.16.840.1.113883.2.1.3.2.4.17.418"	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/participantRole/code/@code /ClinicalDocument/component/structuredBody/component/section/entry/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/entry/observationMedia/participant/participantRole/playingDevice/@classCode	<playingDevice classCode="DEV" determinerCode="INSTANCE">
playingDevice/@determinerCode	None – a fixed code	Always FIXED to "INSTANCE"	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/participantRole/playingDevice/@determinerCode	<playingDevice classCode="DEV" determinerCode="INSTANCE">
playingDevice/templateId/@root playingDevice/templateId/@extension	None – a fixed code	Always FIXED to root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP14500GB01#playingDevice"	/ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/participantRole/playingDevice/templateId/@root /ClinicalDocument/component/structuredBody/component/section/entry/observationMedia/participant/participantRole/playingDevice/templateId/@extension	<templateId root="2.16.840.1.113883.2.1.3.2.4.18.2" extension="COCD_TP145000GB01#playingDevice"/>
playingDevice/manufacturerModelName/@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/entry/observationMedia/participant/participantRole/playingDevice/manufacturerModelName/@displayName	<manufacturerModelName displayName="Pathways"/>

	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/entry/observationMedia/participant/participantRole/playingDevice/softwareName/@displayName	<softwareName displayName="2.4"/>

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 relevance**	**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	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>

	replaced			
parentDocument/setId/@root	The id of the document set that is the same for all documents 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/versionNumber/@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/@codeSystem	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/@codeSystem	\<code code="819551000000100" codeSystem="2.16.840.1.113883.2.1.3.2.4.15"/>