

# SNOMED CT July 2017 International Edition - SNOMED International Member Release notes

Date	20170731
Document Version	1.1
Release Status	PRODUCTION



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## 1 Introduction

### 1.1 Background

This document is to provide visibility to the Members of relevant feedback received during the Beta Release period, and any actions taken as a result of this feedback.

### 1.2 Purpose

This document provides information related to differences between the files distributed as part of the July 2017 Beta Release of the SNOMED CT International edition, and the June 30th Members' distribution of the July 2017 SNOMED CT International edition.

Please contact SNOMED International at [support@snomed.org](mailto:support@snomed.org) with any questions related to the contents of this document.

## 1.3 Scope

This document relates exclusively to the July 2017 International Edition, and not any prior Releases.

## 1.4 Audience

This document is intended for use by SNOMED International Member National Release Centres only, and should not be distributed to Affiliate licensees without permission from SNOMED International.

# 2 Notes for the July 2017 Member Release

## 2.1 Summary

The feedback about the July 2017 SNOMED CT International Beta Release that was received during the Beta period – June 9<sup>th</sup> through June 19<sup>th</sup> (inclusive), was used to update the International edition release package ready for the Member release on 30<sup>th</sup> June 2017.

There was some feedback provided that, for a variety of reasons, didn't result in changes to the July release, but instead will be resolved as part of the next editing cycle, ready for publication in future releases. Details of these "Known Issues" can be found in section 3.1 of the Release Notes that are published alongside the July 2017 International edition Member release package.

The feedback that resulted in changes being made to the Member Release package for the July 2017 International edition are detailed below in section 2.2.

SNOMED International thanks Members who contributed feedback.

## 2.2 Items Reported in the Beta feedback stage, that were resolved for the Member Release

The following items were resolved in the July 2017 International Member Release package, between the publication of the Beta Release and Member Release(s):

Key	Summary	Description	Resolved
ISRS-50	Open RVF failures from the Production build	<p>The following failures occurred after we added new RVF assertions in to cover issues found during the Alpha/Beta feedback period.</p> <p>0cc708af-6816-4370-91be-dba8da99d227 "Description: id=60213011 is in the delta file, but no actual changes made since the previous release."</p> <p>4478a896-2724-4417-8bce-8986ecc53c4e "Concept: id=10082001 is in the delta file, but no actual changes made since the previous release."</p> <p>35680574-3ac6-4b68-9efe-de88b677eb35 "Association refset id=0e23f0c4-3dfa-5278-b35f-03e2cda41a7e is in the delta file, but no actual changes made since the previous release."</p> <p>cab60a2f-4239-4933-91d6-dc910a8ac08b "Stated relationship: id=3862464027 is in the delta file, but no actual changes made since the previous release."</p> <p>These failures can be safely ignored for this release, as they are simply highlighting the results of the manual fixes that we had to implement as part of the Alpha/Beta feedback period, in order to resolve some teething issues with the SCA.</p> <p>They therefore simply need to be verified after the final release has been deployed, in order to ensure that, as expected, they have not re-occurred.</p> <p>RESOLUTION: Remaining failures were resolved as planned.</p>	2017-May-15

ISRS-207	One description has a full stop at the end	<p>There's still one description that might be text definition? Though it's the presence of a period/full stop at the end of the description (which is unusual) is what's causing the fail.</p> <p>718089001 3311128017 2017-07-31 00:00:00 Post extubation acute respiratory failure requiring reintubation.</p> <p>RESOLUTION: Description inactivated, as turned out to be a duplicate.</p>	2019-Jun-20
ISRS-208	AttributeValue Snapshot record is outdated by record in full file	<p>Possibly inconsequential. Members of refset 900000000000490003 ("Description inactivation indicator attribute value reference set") for which a more recent record in the Full release expresses the same relationship (but with a different id). Note that the members in question are inactive: the QA is objecting to the same relationship appearing with two different ids.</p> <p>RESOLUTION: Four invalid AttributeValue records removed, plus four valid records re-activated for July 2017:</p> <p>Removed:</p> <p>6937d3ce-9b92-46a5-915c-105ef53a85a3 20170731 1 900000000000207008 900000000000490003 350608017 900000000000495008  2b1419fb-6396-4d96-b67a-bf3404e4e24f 20170731 1 900000000000207008 900000000000490003 377741012 900000000000495008  55c7c001-05d3-4476-b0c2-29205a0387d8 20170731 1 900000000000207008 900000000000490003 2737731017 900000000000495008  78e492ae-9b4f-4da5-9ebb-a37f8eb70ee1 20170731 1 900000000000207008 900000000000490003 622260016 900000000000495008</p> <p>Re-activated:</p> <p>ff7de500-472d-5380-930e-b5ddf184d98 1 900000000000207008 900000000000490003 377741012 900000000000495008  7f442764-3b09-5827-9629-81c0407c828b 1 900000000000207008 900000000000490003 350608017 900000000000495008  12a081ef-baf8-5a46-b93d-a4c9de998790 1 900000000000207008 900000000000490003 622260016 900000000000495008  66e03cc0-51fd-535c-907a-5761cd1d2e36 1 900000000000207008 900000000000490003 2737731017 900000000000495008</p>	2019-Jun-20
ISRS-210	MRCM Cardinality constraint failure - mandatory 'attributeInGroupCardinality' of 0..1	<p>The 363714003 [Interprets] attribute has a mandatory 'attributeInGroupCardinality' of 0..1. However, the concept 724758000 [Manic symptoms co-occurrent and due to primary psychotic disorder (disorder)] - with an effectiveTime of 20170731 - has 3 x 363714003 [Interprets] relationships in the same relationship group (Role group 3). This therefore breaks the concept model rule.</p> <p>RESOLUTION: Three extraneous Stated relationships removed and re-classified to resolve the errors.</p>	2019-Jun-20
ISRS-211	MRCM Cardinality constraint failure - concept model states all new precoordinate content must have at most 1 x 363698007 [Finding site] relationship in any relationship group	<p>The concept model states that all NEW precoordinate content must have at most 1 x 363698007 [Finding site] relationship in any relationship group (where relationshipGroup &gt; 0). However, several concepts break this rule.</p> <p>RESOLUTION: The MRCM validation rule was proven to require refinement, in order to restrict it to the Stated view rather than Inferred. This has now been implemented and is now producing just 3 failures. The SNOMED International Content Team have therefore re-modelled the following 3 concepts:</p> <ul style="list-style-type: none"> <li>• 15665401000119102</li> <li>• 15665361000119106</li> <li>• 15665321000119101</li> </ul> <p>The related born-inactive components created by this re-modelling after Versioning the content have also been removed.</p>	2019-Jun-20

ISRS-213	MRCM Cardinality constraint failure - concept model states all new precoordinate d content must have at most 1 x 116676008 [Associated morphology] in any relationship group (where relationshipGroup > 0)	<p>The concept model states that all NEW precoordinated content must have at most 1 x 116676008 [Associated morphology] in any relationship group (where relationshipGroup &gt; 0). However several concepts appeared to contravene this rule:</p> <p>RESOLUTION: The MRCM validation rule was proven to require refinement, in order to restrict it to the Stated view rather than Inferred. This has now been implemented and is now producing no failures. This ticket has therefore been closed down with no action required.</p>	2017-Jun-20
ISRS-214	MRCM Domain constraint failure -	<p>The domain of 405815000 [Procedure device] is &lt;&lt; 71388002 [Procedure]. However, there are 3 concepts, which are &lt;&lt; 363787002 [Observable entity], which have an attribute that is a descendant of [Procedure device] (namely 424226004 [Using device]). This is valid, from a content perspective - however the MRCM rules are incorrect. The reason for this is that domain constraints are inherited by an attribute's children. And since 424226004 [Using device] has recently been added to the [Observable entity] domain, this should have also been added to the domain of the parent attribute (ie 405815000 [Procedure device]).</p> <p>RESOLUTION: 1 new row (row 103) has been added to the 'Attribute domain' refset for the Member Release. This has also updated the 'attributeRule' value in row 57 of 'Attribute range' refset.</p>	2019-Jun-20
ISRS-215	Duplicate description found	<p>734059009 Intraductal papillary neoplasm with high-grade intraepithelial neoplasia (morphologic abnormality)</p> <p>3482536011 20170731 1 9000000000000207008 734059009 en 900000000000003001 Intraductal papillary neoplasm with high-grade intraepithelial neoplasia (morphologic abnormality) 900000000000448009 3482537019 20170731 1 9000000000000207008 734059009 en 9000000000000013009 Intraductal papillary neoplasm with high-grade intraepithelial neoplasia 900000000000448009</p> <p>734133009 Intraductal papillary neoplasm with high grade intraepithelial neoplasia (morphologic abnormality)</p> <p>3483018012 20170731 1 9000000000000207008 734133009 en 900000000000003001 Intraductal papillary neoplasm with high grade intraepithelial neoplasia (morphologic abnormality) 900000000000448009 3483019016 20170731 1 9000000000000207008 734133009 en 9000000000000013009 Intraductal papillary neoplasm with high grade intraepithelial neoplasia 900000000000448009</p> <p>RESOLUTION: SNOMED International Content team have resolved this for the July 2017 Member release, by removing duplicate Concept 734059009.</p>	2019-Jun-20
ISRS-216	Fix RVF assertion error 89ceaf00-79b9-11e1-b0c4-0800200c9a66	<p><a href="https://rvt.ihsttools.org/api/v1/result/1497864338295?storageLocation=international/snomed_ct_international_edition_july_2017_beta_release_package/2017-06-19T08:48:47">https://rvt.ihsttools.org/api/v1/result/1497864338295?storageLocation=international/snomed_ct_international_edition_july_2017_beta_release_package/2017-06-19T08:48:47</a></p> <p>testCategory: "release-type-validation", assertionUuid: "89ceaf00-79b9-11e1-b0c4-0800200c9a66", assertionText: "All stated relationships inactivated in current release must have been active in the previous release.",</p> <p>Delete the following 3 born inactive stated relationships:</p> <p>id effectiveTime active moduleid sourceid destinationid relationshipgroup typeid characteristictypeid modifierid 6905147028 20170731 0 9000000000000207008 724758000 285854004 1 363714003 900000000000010007 900000000000451002 6905148022 20170731 0 9000000000000207008 724758000 247774004 1 363714003 900000000000010007 900000000000451002 6905149025 20170731 0 9000000000000207008 724758000 3850002 1 363714003 900000000000010007 900000000000451002</p> <p>Note: This is the result of <del>ISRS-210</del> fixes.</p> <p>RESOLUTION: 3 Born inactive Stated Relationships removed for the July 2017 Member release.</p>	2019-Jun-20

ISRS-217	Potential equivalency	<p>A change in the mapping history of 121161000000105   Chickenpox vaccination. Unsure of the main cause of this but looks like it needs to be reviewed by SNOMED International. It is marked as a duplicate to 68525005   Varicella vaccination (procedure) this has now been made duplicate to 722215002   Administration of herpes zoster vaccine. However, I think this is incorrect and should be mapped to one of its child concepts 571611000119101   Administration of varicella live vaccine (procedure). Researching this, the herpes zoster vaccine is a slightly different vaccine to the varicella vaccine.</p> <p>RESOLUTION: SNOMED International Content team have resolved this for the July 2017 Member release, by amending the mapping to 571611000119101</p>	2019-Jun-20
ISRS-219	Delete born inactive stated relationships after ISRS-211 fix	<p>RVF failed several Stated Relationships which have been born inactive in July 2017:</p> <p>"assertionText": "All stated relationships inactivated in current release must have been active in the previous release.",</p> <p>"failureCount": 12,</p> <p>"firstNInstances":</p> <pre>[{"conceptId": "15665361000119106", "detail": "Stated relationship: id=6807693029 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665361000119106", "detail": "Stated relationship: id=6807695020 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665361000119106", "detail": "Stated relationship: id=6807696021 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665321000119101", "detail": "Stated relationship: id=6807707026 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665321000119101", "detail": "Stated relationship: id=6807709028 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665321000119101", "detail": "Stated relationship: id=6807710022 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665401000119102", "detail": "Stated relationship: id=6807712025 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665401000119102", "detail": "Stated relationship: id=6807714029 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665401000119102", "detail": "Stated relationship: id=6807715028 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665401000119102", "detail": "Stated relationship: id=6807716027 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665401000119102", "detail": "Stated relationship: id=6807718026 is inactive in the current release but no active state found in the previous snapshot."}, {"conceptId": "15665401000119102", "detail": "Stated relationship: id=6807719023 is inactive in the current release but no active state found in the previous snapshot."}]</pre> <p>RESOLUTION: All born inactive Stated relationships removed from the July 2017 International Edition accordingly.</p>	2019-Jun-20
ISRS-221	Retired concepts must have a historical relationship of the appropriate type (RF1)	<p>Retired concepts must have a historical relationship of the appropriate type (unless their concept status is 1 or 3)</p> <p>RESOLUTION: The majority of these issues were proven by the SNOMED International Content team to be valid, with the root cause being invalid QA routines. One historical association (for concept 192203002) was proven to be invalid, and has now been amended accordingly for the July 2017 Member release.</p>	2019-Jun-20

ISRS-222

Concepts with multiple historical relationships (RF1)

Concepts may not have more than one historical relationship (except MAY\_BE\_As, MOVED\_TOs OR WAS\_As). The following concepts have all come through RF2 to RF1 conversion with more than the expected number of historical relationships attached to them:

2019-Jun-20

RULEID	SCTID	DETAILS	TERMLIST
43	266705004	2 historical relationships	266705004: Preoperative/postoperative procedures (procedure)
43	287103000	3 historical relationships	287103000: Open wound of chest/back/buttock (disorder)
43	231035007	2 historical relationships	231035007: Destruction of spinal nerve root or ganglion (procedure)
43	193157005	2 historical relationships	193157005: Hereditary and idiopathic peripheral neuropathy (disorder)
43	397967003	2 historical relationships	397967003: Thermal/explosive injury (disorder)
43	157379003	3 historical relationships	157379003: Open wound of chest/back/buttock (disorder)

This may be another RF2 to RF1 conversion issue, rather than any problem with the RF2 source.

RESOLUTION: All concepts changed to have AssociationReference refsetId equal to "POSSIBLY EQUIVALENT TO", and their AttributeValue valueId equal to "AMBIGUOUS"

ISRS-223

Active concepts with invalid historical relationships (RF1)

Historical relationships must belong to concepts of appropriate status. Three active concepts have come through conversion with odd historical relationships attached:

2019-Jun-20

RULEID	SCTID	DETAILS	TERMLIST
44	6599212024	422221005 (status 1); attribute 168666000	422221005: Bacterial infection caused by Klebsiella mobilis (disorder) 168666000: SAME AS (attribute)
44	6599690022	1541000119106 (status 1); attribute 149016008	1541000119106: Skin ulcer associated with type II diabetes mellitus (disorder) 149016008: MAY BE A (attribute)
44	6599629026	192203002 (status 10); attribute 149016008	192203002: [X] (Unspecified organic personality and behavioural disorder due to brain disease, damage and dysfunction) or (organic psychosyndrome) (disorder) 149016008: MAY BE A (attribute)

These may be odd entries in the RF2 reference sets or another group of RF2 to RF1 conversion issues.

RESOLUTION: Concepts inactivated, plus historical associations corrected.

ISRS-226

Concepts not inheriting the necessary attribute from the parent concept

Children of concepts with the "Has active ingredient" attribute must also have that attribute. The following concepts are not inheriting the necessary attribute from the parent concept:

2017-Jun-21

RULE ID	SCTID	DETAILS	TERMLIST
107	316943005	Parent: 423714001	316943005: Compound magnesium trisilicate 250 mg tablet (product) 423714001: Aluminum hydroxide + magnesium trisilicate (product)
107	326342007	Parent: 412256008	326342007: Ethinylestradiol+norethisterone 35micrograms/1mg tablet (product) 412256008: Product containing ethinyl estradiol and norethisterone (medicinal product)
107	329167003	Parent: 421178007	329167003: Calcium compound 400mg effervescent tablet (product) 421178007: Calcium carbonate + calcium lactate gluconate (product)
107	329168008	Parent: 421178007	329168008: Calcium compound 1000mg effervescent tablet (product) 421178007: Calcium carbonate + calcium lactate gluconate (product)
107	329297004	Parent: 424828009	329297004: Vitamin B compound tablet (product) 424828009: Niacinamide+riboflavine+thiamine (product)
107	347900004	Parent: 421774002	347900004: Sodium chloride 1.5% compound mouthwash (product) 421774002: Sodium bicarbonate + sodium chloride (product)

RESOLUTION: UKTC confirmed that after further investigation this issue was specific to the UK extension, and therefore requires no action for the International Edition. Issue therefore closed without action.

R U L E I D	SCT ID	DETAILS	TERMLIST	
1 87	6777 0100 0119 107	67770100011 9107 (finding) : 75971007 (disorder)	677701000119107: Subretinal neovascularization of right eye (finding) 75971007: Choroidal retinal neovascularization (disorder)	Removed 3330639017 Added new FSN with semantic tag (disorder) Removed parent 6984966024; replaced with new IS A = disorder
1 87	1621 9201 0001 19101	16219201000 119101 (finding) : 26929004 (disorder)	16219201000119101: Behavioral disturbance co- occurrent and due to late onset Alzheimers dementia (finding) 26929004: Alzheimer's disease (disorder)	Removed 3447208014 3447209018 and 3447210011 replaced with new FSN (disorder) and 2 new synonyms.
1 87	7334 65009	733465009 (substance) : 14103001 (product)	733465009: Naldemedine (substance) 14103001: Opiate antagonist (product)	Removed IS A - Opiate antagonist (product) 6996256024 and replaced with IS A = Opiate agonist (substance)
1 87	7333 42000	733342000 (finding) : 609411003 (disorder)	733342000: Ischemic contracture of kidney (finding) 609411003: Traumatic and/or non-traumatic injury of anatomical site (disorder)	No action required as new FSN (disorder) will correct this inference.
1 87	6776 7100 0119 106	67767100011 9106 (finding) : 75971007 (disorder)	677671000119106: Subretinal neovascularization of left eye (finding) 75971007: Choroidal retinal neovascularization (disorder)	Removed 3326522013 replaced with new FSN (disorder)
1 87	4190 6002	41906002 (finding) : 118940003 (disorder)	41906002: Drug withdrawal seizure (finding) 118940003: Disorder of nervous system (disorder)	No action required: 118940003: Disorder of nervous system (disorder) will go away as it is inferred from IS A = drug withdrawal which has been removed.
1 87	4190 6002	41906002 (finding) : 363101005 (disorder)	41906002: Drug withdrawal seizure (finding) 363101005: Drug withdrawal (disorder)	Removed IS A = Drug withdrawal 6904370024
1 87	7333 42000	733342000 (finding) : 709978007 (disorder)	733342000: Ischemic contracture of kidney (finding) 709978007: Contracted kidney (disorder)	Removed 3499255013 FSN (finding) replaced with 3512941013 FSN (disorder)

RESOLUTION: All relevant descriptions and Stated Relationship amended as per the noted in the table above.



ISRS-228	Delete 9 born inactive historical associations	<p>RVF failure:</p> <p>"assertionText": "New inactive states follow active states in the ASSOCIATION REFSET snapshot file.",</p> <p>"failureCount": 9,</p> <p>"firstNInstances":</p> <pre>[{"conceptId": "157379003", "detail": "ASSOC RS: id=a0e20ebe-a5dc-4cb6-a226-a3b4441b0dc8 is inactive but no active state found in the previous release."}, {"conceptId": "157379003", "detail": "ASSOC RS: id=c03e2672-3d0e-4e5a-b61e-d43021b90810 is inactive but no active state found in the previous release."}, {"conceptId": "287103000", "detail": "ASSOC RS: id=d4f62913-bdbb-467c-811f-0f8250a7661d is inactive but no active state found in the previous release."}, {"conceptId": "157379003", "detail": "ASSOC RS: id=df96b92e-76b1-42f3-aa6f-01e3a9a8c0eb is inactive but no active state found in the previous release."}, {"conceptId": "413138007", "detail": "ASSOC RS: id=e806ed49-531d-41ed-bebf-2ec69995b0aa is inactive but no active state found in the previous release."}, {"conceptId": "287103000", "detail": "ASSOC RS: id=fc1cc179-f30c-49f7-b1c2-954955c78c2c is inactive but no active state found in the previous release."}, {"conceptId": "397967003", "detail": "ASSOC RS: id=006bbe0f-3d34-4ca8-9b94-bf97d44ca4a1 is inactive but no active state found in the previous release."}, {"conceptId": "397967003", "detail": "ASSOC RS: id=58121ca7-6b7d-4c9a-916f-d6d70df9b7c5 is inactive but no active state found in the previous release."}, {"conceptId": "287103000", "detail": "ASSOC RS: id=65d450af-36ef-47e5-a29b-fd0c82a27a0b is inactive but no active state found in the previous release."}]</pre> <p>RESOLUTION: The relevant Association refset components removed accordingly.</p>	2019-Jun-20
ISRS-229	Fix assertion (1852b9d6-38cf-11e7-8b36-3c15c2c6e32e) validation issue	<p>RVF failure:</p> <p>"assertionText": "Previously published historical association components should not be modified.",</p> <p>"failureCount": 1,</p> <p>"firstNInstances":</p> <pre>[{"conceptId": "413138007", "detail": "Association refset id=84eb1cc8-23b9-5112-8ad1-9a075becd413 has historical association components changed since the previous release."}]</pre> <p>RESOLUTION: Association Reference record fixed as follows:</p> <pre>id effectiveTime active moduleId refsetId referencedComponentId targetComponentId 84eb1cc8-23b9-5112-8ad1-9a075becd413 0 9000000000000207008 9000000000000527005 413138007 68525005 2120b5b4-5a52-11e7-8261-3c15c2c6e32e 1 9000000000000207008 9000000000000527005 413138007 571611000119101</pre>	2019-Jun-20
ISRS-230	MRCM regression failure - attribute group contains multiple records for the same attribute	<p>According to the attribute group rule there should not be more than one attribute per group as it is [0..1] group. This one only exists in the stated relationship but not in the inferred view:</p> <pre>id effectiveTime active moduleId sourceId destinationId relationshipGroup typeId characteristicType modifierId [4428858023 tel:(442)%20885-8023] 20090131 1 9000000000000207008 438595008 417992006 1 118168003 900000000000010007 9000000000000451002  7111885023 20170731 1 9000000000000207008 438595008 367643001 1 118168003 900000000000010007 9000000000000451002</pre> <p>RESOLUTION: Stated Relationship inactivated as follows, to leave only 1 relationships in the group:</p> <pre>4428858023 20170731 0 9000000000000207008 438595008 417992006 1 118168003 900000000000010007 9000000000000451002</pre>	2019-Jun-20
ISRS-231	3 MRCM failures for multiple Stated Relationship records per group	<p>The following 3 born inactive Stated Relationship records have failed the MRCM tests:</p> <pre>id effectiveTime active moduleId sourceId destinationId relationshipGroup typeId characteristicType modifierId 6937579029 20170731 1 9000000000000207008 1542009 371520008 2 116676008 900000000000010007 9000000000000451002 6937585020 20170731 1 9000000000000207008 18735004 371520008 2 116676008 900000000000010007 9000000000000451002 6937613027 20170731 1 9000000000000207008 72951007 371520008 1 116676008 900000000000010007 9000000000000451002</pre> <p>RESOLUTION: The three Stated Relationship records in question were removed by the SNOMED International Content team.</p>	2019-Jun-20

ISRS-254	Issue found with new Stated Relationship	<p>SNOMED International's continuous Content quality review identified a change within the terminology that requires wider consideration - namely the addition of the following Stated Relationship:</p> <p>6842860029 20170731 1 900000000000207008 80400009 3898006 0 116680003 90000000000010007 900000000000451002</p> <p>RESOLUTION: This Stated relationship and the related Inferred relationships have therefore been removed pending further review, to ensure that the impact of this change within the hierarchy is fully communicated with appropriate consultation with the wider community of practice.</p>	2019-Jun-20
ISRS-255	RVF Assertion failure: 89ceaf00-79b9-11e1-b0c4-0800200c9a66	<p>"assertionUuid": "89ceaf00-79b9-11e1-b0c4-0800200c9a66",</p> <p>"assertionText": "All stated relationships inactivated in current release must have been active in the previous release.",</p> <p>"failureCount": 1,</p> <p>"firstNInstances": [{"conceptId": "80400009", "detail": "Stated relationship: id=6842860029 is inactive in the current release but no active state found in the previous snapshot."}]</p> <p>RESOLUTION: Born Inactive record was removed accordingly.</p>	2019-Jun-20
ISRS-256	Unexpected control characters in TextDefinition records	<p>The following textDefinition records have been found to have unexpected control characters contained within the text (just before the number of degrees in each case):</p> <p>3476134011 20170731 1 900000000000207008 733525007 en 900000000000550004 Left anterior fascicular block is characterized by all of the following: Left-axis deviation with frontal QRS axis between 45° and 90°; Q wave in lead aVL; rS in inferior leads; QRS duration is 120 ms. 90000000000017005</p> <p>3476135012 20170731 1 900000000000207008 733525007 en 900000000000550004 Left anterior fascicular block is characterised by all of the following: Left-axis deviation with frontal QRS axis between 45° and 90°; Q wave in lead aVL ; rS in inferior leads; QRS duration is 120 ms. 90000000000017005</p> <p>3476139018 20170731 1 900000000000207008 733524006 en 900000000000550004 Right-axis deviation with frontal QRS axis between 90° and 180° rS in leads I and aVL and qR in inferior leads (Q waves 40 ms).; QRS duration 120 ms; Exclude other causes of right-axis deviation. 90000000000017005</p> <p>RESOLUTION: The 3 textDefinition records have been updated accordingly, to remove the special characters.</p>	2019-Jun-20

23 issues

## Approvals

Final Version	Date	Approver	Comments
1.00	20170630	Rory Davidson	Approved

## Draft Amendment History

Version	Date	Editor	Comments
0.01	20170512	Andrew Atkinson	First draft for review and comment
1.0	20170629	Andrew Atkinson	Updated with all final changes to the Member release package
1.1	20170721	Andrew Atkinson	Updated with three new resolved tickets, which were fixed in the updated Member Release package (before the Public Production release was published).