


CTMS : Test cases for use case 2.2 - Subject create and-or update

This page last changed on Jul 28, 2008 by [iyerk.](#)

Use case context: [2.2 Local CTMS to caAERS - Subject updates](#)












Update subject scenarios

	Scenario	pre-req	result	Pass/Fail
1	User updates non existing participant first name [participant identifier does not exist in the system]	Participant does not exist.	Error is thrown: "Participant fn0000 In0000 Does not exist in caAERS"	✓
2	User assigns participant to non existing study	Participant exists but study does not exist	Error is thrown: "The Study with Identifier " xyz " is either nonexistant or does not match the provided Site"	✓
3	User assigns participant to the two different study sites of the same study	Participant and study exist.	Participant is assigned both study sites belonging to same study. [There is no way to verify this from the UI. I verified it through DB]	?
4	User updates first name of participant.	Participant exists.	Participant first name is correctly updated.	✓
5	User updates birth date of participant.	Participant exists.	Participant birth date is correctly updated.	✓
6	User adds identifier to participant.	Participant exists.	Identifier added to participant.	✓
7	User removes existing identifier of participant	Participant identifier exists.	Identifier removed from participant	✓
8	User adds identifier which is duplicate of existing participant identifier	Participant identifier exists.	Participant identifier is added only once	✓
9	User adds a primary identifier when there exists an existing identifier is already primary	Participant identifier exists.	Both identifiers are marked as primary.	✗
10	User adds organization assigned identifier for participant with the same organization name as existing organization assigned identifier.	Participant with given identifier exists.	Organization assigned identifier is added to study.	?
11	User assigns study site to participant where the site is not part of the given study.	Participant and study exist.	Error is thrown: "The Study with Identifier " RTOG-0330 " is either nonexistant or does not match the provided Site"	✓
12	User assigns valid study site	Participant and study exist.		✓





13	to participant. [sites belong to two different studies] User assigns participant two different study sites.	Participant and study exist.	Study site is correctly assigned to the participant. Study sites are correctly assigned to the participant. 
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Notes / Issues

Create subject scenarios

	Scenario	result	Pass / Fail	artifact
1	User creates participant with empty string for first name	Participant created with empty first name		
2	User creates participant with empty string for last name	Participant created with empty last name		
3	User creates participant with birth date in invalid date format [expected format is yyyy-mm-dd]	Error is thrown: "could not insert: [gov.nih.nci.cabig.caaers.domain.Participant]; nested exception is org.hibernate.exception.ConstraintViolationException: could not insert: [gov.nih.nci.cabig.caaers.domain.Participant]"		
4	User creates participant with birth date as future date.	Participant created with future birth date		
5	User creates participant with gender as 'xyz' [invalid gender value].	Participant created with no gender information		
6	User creates participant with race as 'xyz' [invalid race value].	Participant created with no race information		
7	User creates participant with race as 'More than one race'.	Participant created with no race information		
8	User creates participant with ethnicity as 'xyz' [invalid race value].	Participant created with no ethnicity information		
9	User omits gender element when creating participant.	Participant created with no gender information		
10	User omits race element when creating participant.	Participant created with no race information		
11	User omits ethnicity element when creating participant.	Participant created with no ethnicity information		

12	user creates participant with duplicate organization assigned identifiers.	Participant with organization assigned identifiers is created	
13	User creates participant with invalid organization assigned identifier type [ex: 'xyz' instead of 'MRN'] .	Error is thrown: "ParticipantDto to ParticipantDomain Conversion Failed"	
14	User creates participant with two primary organization assigned identifiers.	<p>Participant created with two primary identifiers. Also given following XML:</p> <pre> <p:organizationAssignedIdentifier> <type>MRN</type> <value>mrn0014</value> <primaryIndicator>true</primaryIndicator> <p:organization> <name>Cancer Therapy Evaluation Program</name> <nciInstituteCode/> </p:organization> </p:organizationAssignedIdentifier> <p:organizationAssignedIdentifier> <type>MRN</type> <value>duke0014</value> <primaryIndicator>true</primaryIndicator> <p:organization> <name>Duke University Comprehensive Cancer Center</name> <nciInstituteCode/> </p:organization> </p:organizationAssignedIdentifier> The following identifiers are created: Duke University Comprehensive Cancer Center MRN mrn0014 Duke University Comprehensive Cancer Center MRN duke0014 </pre>	
15	User creates participant assigned to duplicate study sites.	<p>Error is thrown: "<description>Participant John0015 Doe0015 could not be created in caAERS</description></p> <p><message>Participant</p>	

16	User creates participant assigned to study site which is not part of given study.	<p>identifier already exists.</message>"</p> <p>Error is thrown: The Study with Identifier " WFCCC004 " is either nonexistent or does not match the provided Site</p> 
17	User creates participant with study site organization as 'xyz' [invalid organization]	<p>Error is thrown: "The Study with Identifier " CTEP004 " is either nonexistent or does not match the provided Site"</p> 
18	User creates participant with non existent study site identifier.	<p>Error is thrown:</p> <p>"he Study with Identifier " xyz " is either nonexistent or does not match the provided Site"</p> 
19	User creates participant with organization assigned identifier that has already been assigned to another participant	<p>Error is thrown:</p> <p>"<description>Participant John0019 Doe0019 could not be created in caAERS</description></p> <p><message>Participant identifier already exists.</message>"</p> 

Notes / Issues