

Overview of HospitalNotification codes and HL7 FHIR resources

The table below shows how the hospital notification codes folders map into FHIR's terminology, and thus how one can determine, based on the resource elements, which type of hospital notification it is.

It is an overview of how values in the FHIR resources 'Encounter', 'Provenance' and 'Patient' together form the composite understanding.

The original code on the left reflects the content of the use case, then follows the explanatory text in Danish and English. The last 4 columns reflect the values from the 4 elements from 'Encounter', 'Provenance' and 'Patient'.

Comments to the table:

- Where there are two values in the Encounter.Class column, the value depends on what value the previous message with Encounter.Class had, except when a patient change hospital stay type from 'emergency' (EMER) to 'inpatient' (IMP).
- "current activity" describes that the activity from the previous message must be use. For example, if a patient is admitted for a hospital stay-admission, and dies during the admission, the element Provenance.activity must in both messages be 'admit-inpatient'.
- "previous status" describes that the status from the previous message must be used. This is relevant in cases where a death notification has been sent by a mistake. For example, if Encounter.status was 'onleave' before the status was changed to 'finished', the status must be changed to 'onleave' again.
- If a patient dies, it must be noted in the element Patient.deceased. In this case, the element must be 'true'.

Use case code DK	Danish text	English text	Encounter.Class	Encounter.Status	Provenance.activity	Patient.Deceased
STAA	Start sygehusophold- akut ambulant	Start hospital stay-acute ambulant	EMER	in-progress	admit-emergency	
RE_STAA	Rettelse af Start sygehusophold- akut ambulant	Update of start hospital stay-acute ambulant	EMER	in-progress	revise-admit-emergency	
AN_STAA	Annullering af start sygehusophold- akut ambulant	Cancellation of start hospital stay-acute ambulant	EMER	cancelled/ entered-in-error	cancel-admit-emergency	
STIN	Start sygehusophold - indlagt	Start hospital stay-admission	IMP	in-progress	admit-inpatient	
RE_STIN	Rettelse af start sygehusophold - indlagt	Update of start hospital stay-admission	IMP	in-progress	revise-admit-inpatient	
AN_STIN	Annullering af start sygehusophold - indlagt	Cancellation of start hospital stay-admission	IMP	cancelled/ entered-in-error	cancel-admit-inpatient	
STOR	Start orlov	Start leave	IMP	onleave	start-leave-inpatient	
RE_STOR	Rettelse Start orlov	Update of Start leave	IMP	onleave	revise-start-leave-inpatient	
AN_STOR	Annullering af Start orlov	Cancellation of Start leave	IMP	in-progress	cancel-start-leave-inpatient	
SLOR	Slut orlov	End leave	IMP	in-progress	end-leave-inpatient	
RE_SLOR	Rettelse Slut orlov	Update of End leave	IMP	in-progress	revise-end-leave-inpatient	
AN_SLOR	Annullering Slut orlov	Cancellation of End leave	IMP	onleave	cancel-end-leave-inpatient	
SLHJ	Slut sygehusophold- afsluttet til hjemmet	End hospital Stay- patient discharged to home/primary sector	EMER/IMP	finished	discharge-[Encounter.Class]-home	
RE_SLHJ	Rettelse Slut sygehusophold-afsluttet til hjemmet	Update of End hospital Stay	EMER/IMP	finished	revise-discharge-[Encounter.Class]-home	
AN_SLHJ	Annullering Slut sygehusophold-afsluttet til hjemmet	Cancellation of End hospital Stay	EMER/IMP	in-progress	cancel-discharge-[Encounter.Class]-home	
MORS	Død	Deceased	EMER/IMP	finished	"current activity"	true
RE_MORS	Rettelse af død	Update of deceased	EMER/IMP	finished	"current activity"	true
AN_MORS	Annullering af død	Cancellation of deceased	EMER/IMP	"previous status"	"current activity"	false