



# Forskrivningsmodulen (e-resept) 3.3.0 (#9751)

Release Notes

30.4.2014

## No component defined

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Medication no longer shows twice in the LIB after linking a medication from andre forskrivninger to an item in the LIB

[ RENO-7421, Medication shown twice in the LIB after linking a medication from andre forskrivninger to an item in the LIB ]

Update to kodeverk 7491 to include type U (Uten resept)

[ RENO-7856, Resolved, Ås the FM I want to use an updated version of kodeverk 7491 ]

Fix spelling error in the generated textual answer to "Beskjed fra lege?"

[ RENO-7855, Resolved, There is a spelling error in the generated textual answer to "annet spørsmål" ]

The output of EpjApi call LesVarerIBruk is now always on version 2.4, independently of the configuration of FM.

[ RENO-7828, Resolved, trunk - LesVarerIBruk should always output resepts in v2.4 ]

Link to Lib button text renamed to "Ja og knytt til annen forskrivning".

[ RENO-7827, Resolved, The LIBansvarlig option to link a new item from M25.2 to an existing LIB item should get a new caption ]

Kur with a duration of one day are now shown in the LIB.

[ RENO-7826, Resolved, When a kur with a duration of one day is registered it disappears from the LIB immediately, it should be visible until the end of the day ]

Fix dssn text for structured dosing when there are gaping days between dosages.

[ RENO-7806, Resolved, Incorrect dssn generated for a structured dose(#2265) ]

When M25.2 includes both «skal varen inkluderes i LIB» and «skal varen seponeres» for a medication which is not in the local lib:

1) Show only «skal varen inkluderes i LIB» to the user.

2) If the user answers "Yes", then answer «skal varen seponeres» should automatically be answered "No" in the next M25.1.

3) If the user answers "No", then answer «skal varen seponeres» should automatically be answered "Yes", but without seponeringsinfo in the M25.1.

When M25.2 includes both «skal varen inkluderes i LIB» and «skal varen seponeres» for a medication which is already in the local lib:

1) Automatically answer «skal varen inkluderes i LIB» with "Yes" (this should already be working correctly).

2) Allow the user to answer «skal varen seponeres» normally.

[ RENO-7804, Resolved, When LIBansvarlig refuses a new medication from inclusion in LIB, a seponation question should not be automatically answered also (REF #1-3-60) ]

Prescriptions imported/linked from samstemming/"Andre forskrivninger" are set as iRp, and therefore they are not shown in resepthistorikk but visible in LIB history.

[ RENO-7801, Resolved, Seponated prescription disappears from LIB and History ]

Answering a Another Question from the pharmacy before any other existing question will not incorrectly add non-kodeverk type of answer.

[ RENO-7797, Resolved, FM sends invalid answer code to question from pharmacy (REF #1-3-56) ]

Fix when answering no to renew question proposal and trying to seponate

Automatically answer prescription questions based on answer from another question type.

[ RENO-7773, Resolved, Unable to answer question to seponate with "Yes" if question to renew has been answered with

"No" (REF #1-3-48) ]

Questions to seponate are answered automatically when question to renew is answered positively.

[ RENO-7772, Resolved, Question to seponate not answered automatically when question to renew is answered (REF #1-3-47) ]

Fix error when sending accepted seponations for non-local prescriptions in M25.1

[ RENO-7771, Resolved, New medication from M25.2 that was seponated and not added to LIB is not included in next M25.1 (REF #1-3-45) ]

Fix "undo" action in handled prescriptions coming in via M25.2 messages.

[ RENO-7768, Resolved, LIB line added by LIBansvarlig from M25.2 disappears from LIB (REF #1-3-42) ]

Fix Seponeringstidspunk when sending M25.1 messages.

[ RENO-7750, Resolved, Seponeringstidspunk is one day too early in M25.1 (REF #1-3-31) ]

Fix M25.1 generation for seponated kosttilskudd.

[ RENO-7749, Resolved, Kosttilskudd included in M25.1 even though it has been seponated (REF #1-3-38) ]

Fix to database insert error in samstemming for a non-LIBansvarlig doctor when trying to match by NewReseptId.

[ RENO-7740, Resolved, Database insert error in samstemming for a non-LIBansvarlig doctor (REF #1-3-33) ]

Medications are no longer sent as paper prescriptions in the M25.1 message when renewing to reg-i-lib after importing via M9.6 message (REF #1-3-29)

[ RENO-7739, Resolved, Plavix shown as paper prescription in the pharmacy, but was prescribed as an e-resept by one doctor and then sent in M25.1 as a registrering (REF #1-3-29) ]

Resepeter with referansenummer in v2.4 will not be included in M25.1 messages.

[ RENO-7727, Resolved, Resepeter with referansenummer in v2.4 should not be included in M25.1 (REF #1-3-27) ]

Seponated medications disappear from M25.1 if a M25.,2 message is received not containing those prescriptions.

[ RENO-7722, Resolved, Seponated medication does not disappear from M25.1 ]

Fixed "hanging" error after M95./M9.6 message exchange.

[ RENO-7710, Resolved, FM hangs on or before M9.6 lookup when it receives a negative apprec to M9.11 (REF #1-3-15) ]

Fix when renewing a prescription and RefHjemmel changes from 3a to 3b.

[ RENO-7708, Resolved, RefHjemmel not correctly updated when M12 changes from 3a to 3b (REF #1-3-7) ]

Fixed error when calling LesCave and LesVarerIBruk for patients that are not in the FM database.

[ RENO-7671, Resolved, Error occurs when running LesCave on new patient in FM ]

Fixed null pointer exception in M9.12 processing when Rolle was not present on the LIB level in any of the M25 messages in the M9.12.

[ RENO-7665, Resolved, Error when processing M9.12 ]

Fix when incoming prescription in M25.2 is part of the vib chain of a local one.

[ RENO-7653, Resolved, Duplicate RF ID insert error when processing M9.12 ]

An error occurring when an M25 message specified a Patient Address without the Type element has been corrected.

[ RENO-7647, Resolved, Error when the Address on one of the M25s does not contain the Type ]

Inactive CAVEs are not shown in Samstemming

[ RENO-7644, Resolved, Inactive local CAVE shown in samstemming ]

Fixes a problem regarding the generic substitution occurring when the optional BytteresRekvirent element is present but empty.

[ RENO-7640, Resolved, Error when adding all prescriptions from andre forskrivninger ]

An error could occur when the Rolle of an M25 message is not present. That has been corrected.

[ RENO-7634, Resolved, Error when processing M25 ]

Old preparations that do not specify Legemiddelform would trigger a validation error when generating an M2 message. For these cases, the Legemiddelform element is now populated with "Not Specified". If the preparation does not specify package information then the user is forced through an update to be able to send the Helfo application.

[ RENO-7632, Resolved, Error when sending Helfo application for a preparation ]

Dssn in S.15 is no longer empty when a kortdose has been clicked in S.11

[ RENO-7627, Resolved, Dssn in S.15 is empty when a kortdose has been clicked in S.11 ]

The incorrect resept Id was being registered with prescriptions imported via M25 messages. This would lead to mismatch of RF prescriptions with local prescriptions. That has been corrected.

[ RENO-7625, Resolved, RF prescriptions not linked correctly to local LIB element ]

A refrnr resept downloaded from RF that is assumed to belong to the current patient is no longer automatically added to LIB. It shows up in "Andre Forskrivninger" instead.

[ RENO-7624, Resolved, A refrnr resept downloaded from RF that is assumed to belong to the current patient is automatically added to LIB ]

Dosing change from in M25.1 is now reported as a change in samstemming.

[ RENO-7616, Resolved, Dosing change from in M25.1 not reported as a change in samstemming ]

A manual RF lookup triggered by a non-LIBansvarlig results always in samstemming.

[ RENO-7615, Resolved, As a non-LIBansvarlig doctor I want to see samstemming every time I look up in RF and get an M9.12 that contains any M25.x messages in response ]

Fix Lib refresh problems when stopping a prescription after registrering as LIBansvarlig.

[ RENO-7606, Resolved, Seponated prescription reappears in LIB after registrering as LIBansvarlig ]

FM now uses the 2013-03-04 version of the M25 stylesheet

[ RENO-7592, Resolved, As the FM I want to use the 2013-03-04 version of the M25 stylesheet ]

Corretion when clicking undo after linking a resept to an existing LIB item.

[ RENO-7591, Resolved, Undo after linking a resept to an existing LIB item does not work as expected ]

Improvements in the stylesheet transformation performance.

[ RENO-7587, Resolved, FM hangs when user clicks the "Dosering" link in LibRowDetail ]

Kodeverk 9089 changed to 7480 in M2.

[ RENO-7530, Resolved, As a doctor I want to use kodeverk 7480 instead of kodeverk 9089 in M2 ]

NIB/FIB resepter for patients without FNR and DNR is longer locked by default.

[ RENO-7528, Resolved, NIB/FIB resepter with reference number are always flagged as locked (REF #1-2-37) ]

Rf lookup is allowed for patients without FNR/DNR if there are prescriptions with reference number(s)

in the LIB.

[ RENO-7527, Resolved, No lookup is done in RF for patients without FNR/DNR (REF #1-2-36) ]

Resept with RF status "under eksp hos apo, blir tilbakekalt når ekspedering avsluttes" is now updated to recalled (tilbakekalt) when M9.6 is received.

[ RENO-7513, Resolved, Resept with RF status "under eksp hos apo, blir tilbakekalt når ekspedering avsluttes" is not updated to recalled (tilbakekalt) when M9.6 is received (REF #1-2-32) ]

New patient banner specifications for multidose patients.

[ RENO-7502, Resolved, FM does not update information about LIBansvarlig after a different doctor has registered as LIBansvarlig (REF #1-2-31) ]

When importing, linking or creating a locked prescription for a multidose patient a notification is shown to the doctor.

[ RENO-7500, Resolved, As a doctor I want to be notified when I try to import or create a new locked prescription for a multidose patient (REF #1-2-27) ]

Fix structured dosing comparison when setting medendring flag on M25.1 messages.

[ RENO-7483, Resolved, Generic substitution leads to MedEndring being set in M25.1 ]

When switching a patient from a DNR to an FNR M5 messages are placed on the queue for existing resepter.

[ RENO-7479, Resolved, When switching a patient from a DNR to an FNR no recalls are sent for existing resepter (REF #1-2-23) ]

Patient addresses received in M25.x are now saved.

[ RENO-7477, Resolved, Patient address from M25.2 not reflected in FM (REF #1-2-22) ]

Error when clicking "add" in the sammstemming screen and linking to a local prescription no longer occurs.

[ RENO-7469, Resolved, Error when linking to local LIB when registering as LIBansvarlig (REF #1-2-20) ]

ID of LIB item added to M25.2 at the same time as it was added to M25.1 is used if the M25.1 is nacked.

[ RENO-7432, Resolved, ID of LIB item added to M25.2 at the same time as it was added to M25.1 should be used if the M25.1 was nacked (REF #1-2-6, 1-3-23) ]

Defect fixed which caused an error in the FM when receiving (e.g. in M9.6) a prescription where BytteresRekvirent was present but did not contain a DN value.

[ RENO-7431, Resolved, Error when a resept with BytteresRekvirent without a DN value is received from RF ]

Redesign and update to the dosing calculation threads used in S. 15.

[ RENO-7428, Resolved, As a developer I want to redesign and update the dosing calculation thread used in S.15 ]

Fixed an error when sending M25.1 for a patient with an empty LIB.

[ RENO-7426, Resolved, Error when sending M25 for a patient with an empty LIB (REF #1-2-1, 1-2-17) ]

This issue wasn't reproducible.

Nevertheless, M25 messages with duplicated Lib ids would be processed producing strange results. That has been fixed, which could mean that problem observed is no longer a possibility.

[ RENO-7411, Resolved, Questions from M25.2 go missing ]

If FM application is stopped during a Lib Samstemming process, no changes to the LIB are performed. To note that if the user chooses to "Renew" a Samstemming line, that specific operation will run at that time. Therefore, stopping the FM application after that but while still in the Samstemming window, will result in a change to the LIB.

[ RENO-7390, Resolved, As a doctor I do not want the LIB updated if the FM process dies during samstemming ]

when doing samstemming the doctor is able to link a new LIB item from M25.2 to an existing item in my LIB. This only applies to unmatched M25 prescriptions.

[ RENO-7388, Resolved, As a doctor doing samstemming I want to link a new LIB item from M25.2 to an existing item in my LIB ]

When matching the merged M25 to the local LIB, prior to a samstemming, the FM no longer tries to match each line by Virkestoff/strength/form.

[ RENO-7387, Resolved, As a doctor I do not want the FM to match lines from M25 to the local LIB based on virkestoff ]

Medications are equally sorted in the samstemming screen and LIB.

[ RENO-7380, Resolved, Medication sorting in samstemming should be the same as in the LIB ]

A new "Save" button is available to answer "annet" question types. Doctor's must register a free text comment when answering these questions. A new label is shown with the answer sent timestamp below the doctor's comments in the LIB row detail for any question type.

[ RENO-7328, Resolved, As a doctor I do not want to answer an "annet" question from M25.2 without providing a free text comment (REF #1-1-128) ]

Visual changes to the harmonization screen:

- New action button style
- LIB grids rows height increased to two lines, similar to the two line lib.
- The columns that have the actions in samstemming should be called "Handling".

[ RENO-7307, Resolved, As a doctor I want some visual changes in the M25 samstemming screen ]

Questions that have already been answered are no longer shown in samstemming.

[ RENO-7306, Resolved, Questions that have already been answered shown in samstemming ]

When registering as LIBansvarlig of a patient, a M25.1 message is no longer sent after the samstemming process. Instead the M25.1 is placed on the queue and the application returns to LIB.

[ RENO-7303, Resolved, As a doctor I do not want to be sent to sign/send after doing samstemming ]

M25.2 prescriptions with the question "Should this be included in LIB?" show a new button "Knytt til annen forskrivning", which allows the user to link the prescription in a local LIB item.

[ RENO-7302, Resolved, As a doctor I want to link a new LIB item from M25.2 to an existing item in my LIB ]

The M9.11 / M9.12 specifications have been updated.

RefToParent is sent in the M15.1 message according to specification from 2014-01-21

[ RENO-7293, Resolved, As the FM I want to populate RefToParent in M25.1 with the Id of the latest M25 of any type in RF ]

Failed M25.1 RF connection messages get the message:

"Det har oppstått en feil i kommunikasjon mot RF. Du må sende meldingen på nytt".

[ RENO-7276, Resolved, The user should get better information when sending M25.1 to RF times out (REF #1-1-113) ]

When doing a RF query by reference number to a prescription that belongs to another patient the FM will pop up a warning and in andre forskrivninger grid a red text is shown above the medication name stating the patient name, fnr/dnr or dob and gender.

[ RENO-7267, Resolved, As a doctor I want to be informed if the RF returns in M9.6 a resept that probably does not belong to the patient I am working with (REF #1-1-76) ]

Updated e-resept standard displays to those published on 2014-01-16 on <http://www.kith.no/visningsfiler>.

[ RENO-7264, Resolved, trunk - The SLV application stylesheet looks bad (REF #1-1-22) ]

Newly created prescriptions (pending M1 sending) are shown in the samstemming process after RF lookup with no action.

[ RENO-7263, Resolved, A newly created prescription is proposed seponated in samstemming (REF #1-1-17) ]

Everytime an M9.11 is sent to RF, an M9.5 is also sent to allow the update of the RF state. M9.5 and M9.11 messages are now sent in parallel to RF.

[ RENO-7258, Resolved, As a doctor I want the FM to show the correct RF status of resepter after I take over LIBansvar (REF #1-1-12) ]

FM no longer forces sending M1 messages at the end of the harmonization process after an RF lookup.

[ RENO-7250, Resolved, Doctor forced to send M1 unrelated to Samstemming ]

M25.x messages that contain elements with the same lib Id are considered invalid, and thus not processed.

When received asynchronously, the message is nacked by the application.

When received through an M9.12, invalid messages are not accounted for the processing. The user should get a visual notification of this happening.

[ RENO-7231, Resolved, error when receiving M9.12 with M25.2 with resept that does not include question when added to M25.2 (REF #1-1-62) ]

Reit is no longer set to 3 for A/B medications without refusjon on MD patients.

[ RENO-7229, Resolved, Reit should not be set to 3 for A/B medications without refusjon on MD patients ]

When renewing a prescription, changing it to local registered prescription, the doctor is asked if he wants to recall the prescription from the RF. The application will act accordingly to the doctor's response.

[ RENO-7210, Resolved, As a doctor I want to be asked if a resept I renew should be recalled if I renew it as a registrering (REF #1-1-33) ]

Fixed a defect which caused wrong RefToParent to be sent in M25.1 after receiving a negative apprec in response to the previous M25.1.

[ RENO-7203, Resolved, Wrong RefToParent in M25.1 after a negative apprec is received (REF #1-1-20) ]

Removed the addition of the automatic stop suggestion for a Lib Responsible which was added when a Lib prescription was not found on the incoming M25 message

[ RENO-7192, Resolved, As a LIBansvarlig doctor I do not want the FM to propose seponering for LIB items that are not present in M25.2 ]

Prescribing a kosttilskudd (that forces Reg) does not set the default prescription type to Reg. It remains unchanged.

[ RENO-7101, Resolved, S.15 remembers if eRp/uRp, Reg etc is selected, automatically selecting Reg should not be remembered ]

Added a bit of a clean up to libView, when deregistering as MD doctor:

Stop showing MDS column.

Prescriptions suggested to add by pharmacy are removed.

Questions are cleared but should resurface if doctor registers as MD, which should be reflected in the samstemming window during registration.

[ RENO-7082, Resolved, As a doctor I want a better process when I unregister and register as LIBansvarlig ]

Kodeverk 7503 will be used to communicate the results of receiving an M5.

When the M5.2 returns kodeverk:

1 Resept tilbakekalt - Nothing changes in this case

2 Resepten er under ekspedering, blir tilbakekalt når ekspedering avsluttes - This is a new status in the LIB RF column, indicating that the resept will be recalled once the ekspedering is finalized.

The icon for this new status is the same as the icon for "Tilbakekalt", but with a orange shade in the

arrow.

[ RENO-7078, Resolved, As a doctor I want to see the M5.2 results of sending an M5 ]

Lib items that have been added to the LIB of a patient but still await for doctor's confirmation (like answering a "Add to Lib" question from the pharmacy) will be removed when the multidose doctor unregisters.

[ RENO-7069, Resolved, Some items are shown on the left-hand side in samstemming that should only be shown on the right ]

Users with the privilege to manage templates can now edit and delete protocols from the protocol search screen.

[ RENO-6852, Resolved, CLONE - A user who has permission to edit templates is not allowed to edit organizational templates in S.12 (#234) ]

Fixed a defect in validation of structured condition #3 from FEST which prevented Prolia from being prescribed.

[ RENO-6683, Resolved, CLONE - Structured condition type 3 fails ]

Fixed a timeout error that occasionally occurred in schema update #820

[ RENO-6655, Resolved, CLONE - Timeout error in schema update #820 ]

Configuration for M9.6 result caching has been reconfigured such that it is now active and M9.6 results have a lifetime of 60 minutes, except in hospital installations where M9.6 caching is disabled.

[ RENO-6636, Resolved, CLONE - As a doctor I want the M9.5 timeout to be set to 60 minutes by default ]

For the prescription text put on the clipboard, if the kortdose contains the \$-symbol or if the Dssn message has been altered by the user, the entire Dssn message is used instead of the kortdose.

[ RENO-6634, Resolved, CLONE - As a doctor I want to see the full dssn text in the clipboard text if the kortdose contains a \$-sign ]

It is no longer able to configure the visibility of Unimported Items on LesVarerIBruk. Now these items are never returned in LesVarerIBruk.

[ RENO-6633, Resolved, CLONE - As a doctor I do not want LesVarerIBruk to include "Andre forskrivninger" ]

When a patient who has draft prescriptions is opened, a notification is now shown if the FM is configured not to place draft prescriptions directly on the signing queue.

[ RENO-6626, Resolved, CLONE - As a doctor I want an active notification if there are prescriptions that need to be approved when I open a patient (215) ]

A popup notification is now shown before a medication list is printed out after sending e-resept with reference numbers.

[ RENO-6620, Resolved, CLONE - As a doctor I want to be reminded to print out a reseptliste when I have signed and sent in one or more resepter with a reference number ]

The Merknad field is now part of a prescription template.

[ RENO-6619, Resolved, CLONE - As a doctor I want the prescription comment (merknad) to be part of a prescription template ]

Fixed an error where M9.5 could be sent without samtykke in installations where the samtykke to download resepter from other doctors from RF is not saved in the database.

[ RENO-6617, Resolved, CLONE - FM 2.12.1 can send out M9.5 without samtykke ]

Medication search and prescription screen now default to the doctors default avdeling more often than before.

[ RENO-6613, Resolved, CLONE - The doctor's default avdeling is not always selected in medication search and in the prescription screen when avdelingsinformation is missing for the patient ]

The patient banner now always shows information about the latest VIB confirmation recorded, ignoring the type of confirmation.

[ RENO-6612, Resolved, CLONE - The patient banner does not show updated information after the user does a preliminary approval of the VIB on admission ]

Renamed RF to Reseptformidleren where the user does a preliminary VIB confirmation.

[ RENO-6608, Resolved, CLONE - As a doctor I want the RF to be called Reseptformidleren where information sources for VIB confirmations are listed ]

Doctors are asked (once per patient) to register themselves as multidose doctors when a PLO patient is opened.

[ RENO-6598, Resolved, As a fastlege I want to be offered to register myself as the multidose doctor when I open a PLO patient ]

Added support in receiving new M25.2 with a know ReseptId. They now will be acknowledged and be processed accordingly.

[ RENO-6587, Resolved, As the FM I want to support receiving an M25.2 with a new LIB Id that references an already known ReseptId ]

When receiving a locally unknown "kosttilskudd" on a M25.2 message, the FM will keep track of the resept type so that when sending the M25.1 messages that include it, the received type can be used instead of default fallback type.

[ RENO-6584, Resolved, The FM incorrectly identifies a "kosttilskudd" as uRp in M25.1 ]

Added support to the FM for sending out M1 messages in different versions.

[ RENO-6512, Resolved, As the FM I want to support sending M1 messages in different versions ]

When prescription with advanced structured dosing has a stop date in the last dosing period the stop date of the prescription is the same.

[ RENO-6377, Resolved, If there is given an end date in structured dosing, then the seponeringsdato for medication should be the same ]

Fixed deletion of old M9.6. They were not being properly deleted.

[ RENO-6374, Resolved, Deletion of old M9.6 messages is not done correctly ]

If an M25.2 is received and it contains prescription that are unknown to the local FM, they appear as proposed to be added to LIB, bearing no question, but requiring an answer from the doctor. The answer is not added to the next M25.1.

[ RENO-6358, Resolved, As a doctor I want to accept or reject new prescriptions from M25.x that do not have a question on them ]

The Undo button has been divided into 2 buttons:

1: Undo - the same as before, to use with a selected item and perform an Undo of that item.

2: A context menu containing the list of all items that can be undone. Selecting one item in the list will trigger the undo operation on it.

[ RENO-6354, Resolved, As a doctor I want to undo approval and rejection of suggestions received in M25.x ]

Seponering made by an assistant has to be accepted (or rejected) by a doctor. Inbox notifications are sent when assistant proposes to seponate a medication.

[ RENO-6256, Resolved, CLONE - CLONE - As a doctor I want to confirm or reject a seponering made by an assistant ]

In S.11 there is an organization hierarchy dropdown that controls which prescription templates are shown in search results.

In S.15 there is an organization hierarchy dropdown that controls which avdeling is included in the sender part of the MsgHead in the resulting M1.

The fallback in S.11 is to leave nothing selected. The fallback in S.15 is the institution itself. The request

here is to fall back on an avdeling configured for the user, the doctor, rather than on the institution. In addition, the organization node selected in S.11 should be the avdeling communicated from the EPJ rather than the post (see GetHierarchyCallback in the S.11 viewmodel).

[ RENO-6253, Resolved, CLONE - As a doctor I want my fallback organization location to be configurable ]

It is now possible to create protocols and prescribe protocols. A protocol is a collection of prescription templates. Doctors can create their own protocols and admin users can create global protocols or link them to a ward.

[ RENO-6248, Resolved, CLONE - As a doctor I would like to prescribe a protocol (issue #8) ]

New field on S15 "First delivery", that indicates the first allowed date for delivery of a resept.

[ RENO-6038, Resolved, As a doctor I want to specify the first allowed date for delivery of a resept ]

Resepts in Andre forskrivninger can be now linked to a LIB item.

[ RENO-6036, Resolved, As a doctor I want to link a resept in Andre forskrivninger to a LIB item (REF #1-1-40) ]

Reason/årsak is showed in LIB row detail and registered when an M7 is received.

[ RENO-6034, Resolved, As a doctor I want to see the reason why a resept was recalled ]

When editing structured dosing a lookup is made to find the kortdose for the current dosing. If there is a match the user can link the kortdose to the medication. If not a new kortodose can be created. This is controled on advanced structured dosing screen by checking/unchecking "new kortdose"/"Link to medication" checkbox.

[ RENO-5675, Resolved, As a doctor I want to see a kortdose in avansert dosering ]

Deleted prescriptions that have been sent in M25.1 (after being deleted) are not be included in later M25.1 messages if an M25.2 or M25.3 has been received without the deleted prescription.

[ RENO-5424, Resolved, As a doctor I do not want the M25.1 to contain information about deleted prescriptions after I receive an M25.2 or M25.3 without those prescriptions ]

Discontinued medication from the M252 or M253 information will no longer be contained in the M25.1

[ RENO-5423, Resolved, As a doctor I do not want the M25.1 to contain information about discontinued medications that have been received in M25.2 or M25.3 ]

Information about multidose doctor and multidose pharmacy is updated when querying the RF for multidose information.

[ RENO-3984, Resolved, As the FM I want to update information about the multidose doctor and multidose pharmacy of a patient when an M9.12 is received ]

Doctor gets a new inbox notification when multidose patient gets a M25.2 message.

[ RENO-3968, Resolved, As a doctor I want to be notified via the inbox when one of my multidose patients gets an M25.2 ]

Resolved by RENO-7433.

[ RENO-7635, Testing, ReseptId uniqueness check fails when processing M25 ]

Layout improvements in the screen for linking RF resepter to local LIB.

[ RENO-7622, Testing, As a doctor I want a different layout in the screen for linking RF resepter to local LIB ]

The FM handles conflicting Resept Ids, when receiving M25.x messages, according to the rules specified.

[ RENO-7433, Testing, FM crashes when looking up a reference number (REF #1-2-8) ]

Performance improvements:

- Open patient
- RF lookup (M9.5/M9.11), both as LIBansvarlig and not.

- LIB refresh
  - Sending messages to RF on S22
- [ RENO-7212, Testing, As a doctor I want the FM to perform better ]

When a prescription is received in an M25.2 message and rejected from the LIB by the doctor, it is flagged as deleted in the FM. If the doctor then receives the prescription in an M9.6 message, it is shown in "Andre forskrivninger" with a message stating that it has been rejected from the LIB. The user can then import this prescription (effectively undeleting it) and it will then be included in the next M25.1 as any other new prescription.

[ RENO-6790, Testing, As a doctor I do not want to see a prescription rejected from M25.2 as a deleted prescription in "Andre forskrivninger" after receiving it in an M9.6 ]

Delivery information received in M25.3 is displayed in the multidose tab in patient details screen.

[ RENO-6306, Testing, As a doctor I want to see information about deliveries received in M25.3 ]

The FM now makes use of the new Dosing catalog from FEST. This is used when matching a structured dosing to a kortdose. When creating a prescription with structured dosing, FM will now first try to match it to the kortdoses that are already linked to the medicine.

[ RENO-6070, Testing, As the FM I want to import and use the Dosing catalogue from FEST ]

Converting and adapting the new LastResept field according to the defined rules. The locked prescription now behaves properly.

[ RENO-6030, Testing, As a doctor I do not want all resepter with a referansenummer to be låst ]

When prescribing "fast" for a "multidose" patient the amount prescribed per iteration should be automatically calculated based on structured dosages and 3 reiterations. The time frame for the calculation is within a year, stop date or dosing end date, whichever comes first.

[ RENO-5594, Testing, As a doctor I want the FM to automatically determine the amount to prescribe for multidose patients, , ]

The "instituert av" validation error should now only show up for hospitals. If it has this error has been raised on the text box before, selecting "Ingen" for "Refusjon kode" should now clear the error unless prescriptions otherwise requires it.

[ RENO-5519, Testing, TRUNK - There are false positives from vilkår when requiring instituert av in S.15 ]

The latest M25.1 message can be printed from the Print button in the FM main view. Any M25.1 message can be printed from the Multidose history tab.

[ RENO-3985, Testing, As a doctor I want to print an M25.1 ]