



Release Notes

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Customer Feature (25)

Age restriction removed for J/H when prescribing ATC group G03A and G02B

[RENO-16764, As a midwife or helsesøster I want to prescribe ATC group G03A or G02B to certain patients]

Disabled all "Refusjon" radio buttons except "Ingen" when "H resept" is available.

[RENO-17174, As a FM user, I should only have the option to select H-resept refusjonhjemmel for H-resept]

Linking operation should now not be available for PLL installations or patients with PLL

[RENO-17393, As a user in PLL enabled installation or when patient has PLL, I don't want the linking functionality to be available]

Hospital installations will no longer be prompted to create the first PLL for a patient.

[RENO-18093, As a PLL doctor in hospital installation, I don't want to create the first PLL for a patient]

Stopped eRp renewed from resepthistorikk gets new treatment id.

[RENO-18103, Stopped eRp renewed from resepthistorikk sent out in PLL with same treatment id]

[RENO-18133, CLONE(4.13) - Go over sist endret logic and change simulator]

Items that have been linked to LIB items as history should not show up in "Les Varer i Bruk" response anymore.

[RENO-18135, CLONE(4.13) - LesVarerIBruk should not return prescriptions that were linked into the history]

Update kodeverk for "Kilde til opplysninger" for CAVE

[RENO-18136, CLONE(4.13) - As a user, I want to use updated kodeverk for "Kilde til opplysninger" for CAVE]

Remove message box to ask PLL-enabled doctor to create PLL when pressing sign&send

[RENO-18137, CLONE(4.13) - As a PLL-enabled doctor I don't want to be asked to create PLL when sign&send]

Update dialog box

[RENO-18141, CLONE(4.13) - As a doctor I want an updated text in the dialog box shown when sending prescriptions for non-PLL patient and there are active items in AF]

FM now uses a more secure encryption algorithm for RF communication

[RENO-18143, CLONE(4.13) - As FM, I want to use more secure signing/encryption algorithms when communicating with RF]

User does not specify antall/mengde for reg prescriptions as the option will be hidden

[RENO-18155, As a user, I don't want to specify Antall/Mengde of non-resept prescriptions]

Change samstemming buttons from drop-down to standalone

[RENO-18168, As a user, I want to have buttons in samstemming for the "Replace local LIB with PLL" and "Remove local LIB" operations]

"Magistrelle" prescriptions can be "H-resept" if any of the "bestanddeler" validates for such a prescription.

[RENO-18202, As a doctor, I want to be able to create H-resept magistrelle prescriptions]

The RF does not return PLL items that are more than 16 months old. The FM now filters out PLL items from a KJ lookup if they are more than 16 months old for synchronicity.

[RENO-18208, As the FM, I want to ignore PLL's older than 16 months that are received only from KJ]

Update references to Legemiddelverket and SLV

[RENO-18227, Legemiddelverket is now "Direktoratet for medisinske produkter"]

[RENO-18235, As a user, I want to see in samstemming and LIB if items in the LIB have been automatically linked]

"Lib ansvarlig" registration is no longer supported in FM, it is still possible to de-register as "Lib ansvarlig".

[RENO-18265, As FM, I no longer support that doctors can register as multidose doctors]

Data for "kodeverk" 3402 ("Kommunenummer og regionale spesialkoder") has been updated in FM

[RENO-18275, CLONE (4.13) - Update the list of postnummer and kommuner in FM]

update FEST data

[RENO-18278, CLONE (4.13) - As the DoseConverter, I want the most recent updated FEST data]

Query optimization related to [RENO-18065]
 [RENO-18293, CLONE (4.13) - Processing items from an incoming M25 is slow]

Change helseid authentication prompt from "Login" to "login"
 [RENO-18296, CLONE (4.13) - As FM I want the prompt = "Login" for Helseid authentication to be updated]

FM can now detect and handle (via renew with change) an incorrect dosing information, where a dose of once a week is shown in a structure that depicts a dosing for once per day.
 [RENO-18350, CLONE (4.12.7) - As FM I want to validate that <Kortdose> matches <Intervall>]

FM can now detect and handle (via renew with change) an incorrect dosing information, where a dose of once a week is shown in a structure that depicts a dosing for once per day.
 [RENO-18378, CLONE (4.13.1) - CLONE (4.12.7) - As FM I want to validate that <Kortdose> matches <Intervall>]

FM can now detect and handle (via renew with change) an incorrect dosing information, where a dose of once a week is shown in a structure that depicts a dosing for once per day.
 [RENO-18379, CLONE (4.13.2) - CLONE (4.12.7) - As FM I want to validate that <Kortdose> matches <Intervall>]

Feature (3)

[RENO-18226, As a user, I want to see an item in samstemming/AF if it was stopped more than 3 months ago and has an active resept in RF]

When a local item has been renewed and the previous item comes in a PLL as stopped, the local renewal inherits the stop date from the PLL item. If the user then sends out a PLL, the renewed item with the updated stop date will be sent out in the next PLL.
 [RENO-18294, CLONE (4.13) - Automatic stop and replace local LIB with PLL]

FM now supports "LesVarerIBruk" reply with new deletion info. For older namespace deleted items are not returned.
 [RENO-18383, CLONE(4.13.2) - As an EPJ I want prescription information to include new elements for deleted prescriptions in LesVarerIBruk]

Customer Defect (70)

[RENO-17441, M5 added to the signing queue after having updated local item with renewed external item]

[RENO-17660, Previously answered MD question that has been removed by the MD pharmacy is re-sent in M25.1]

Renew option availability updated to prevent inappropriate action for items with pending pharmacy questions
 [RENO-17663, Undoing a renewal removes MD question]

Make sure "other question" is included when linking resept
 [RENO-17667, When a PLL doctor has renewed an item that has "Other" MD question, it is automatically answered "No" by FM in the MD installation]

Don't show stop date info text when answering questions that aren't autogenerated stop questions
 [RENO-17668, When a PLL doctor has stopped an item with an "Other" question from MD pharmacy, the MD doctor will not see his own answer after saving it]

[RENO-17669, When a PLL doctor has stopped an item (in the future) with an "Other" question from MD pharmacy, the item is removed from the LIB when the MD doctor answers the autogenerated "Stop" question with "Yes"]

Unanswered "Include" question from MD pharmacy are included and answered on import after PLL doctor registers as MD responsible
 [RENO-17673, Unanswered "Include" question from MD pharmacy is removed after a PLL doctor registers as MD responsible]

[RENO-17774, Enhet "ingen" is sent out when creating uregistrerte legemidler]

Undo renew in "samstemming" was not working properly if the item was renewed from "Reg" to "eRp", this has now been fixed.

The FM can now better discover a history match for incoming registrations, especially when locally it has a pending M1 after renew function.

[RENO-17789, Error message when trying to update local element with PLL element after undoing renewing (M1) on queue]

Items that have been removed from Lib using whole Lib operations in "samstemming" are now correctly loaded when viewing "resept" history.

[RENO-17821, Resepthistorikk empty when use "Fjern lokal LIB"]

External items that are automatically linked during RF lookup are now correctly shown as linked (one is in the history of the other) in first "samstemming".

[RENO-17830, Renewed recalled PLL item shown as two separate treatments in the first samstemming session]

FM now properly disables transient "undo import" option after having sent PLL.

[RENO-17846, "Angre" in LIB is sometimes still active after the doctor has sent an updated PLL]

Showing history item and update button for renewed loose prescription in samstemming when it should

[RENO-17853, Nurse KJ-lookup - a renewed loose prescription shows as history element of the original prescription and the original is not shown as recalled]

[RENO-17890, Oppføring vises sortert som del av PLL fra eksternt avsender også etter at denne er utgått slettet fra PLL (ren PLL ikke eMultidose)]

[RENO-17938, Kortdose information is not updated in FM if changes have been done in FEST]

M5 is automatically removed after RF lookup and the resept status set to "Not in RF" when receiving not in RF PLL item

[RENO-17956, M5 still on queue when receiving not in RF PLL item]

In "samstemming" the update option is now consistently available for external renewals when local match has an unsent local renewal.

[RENO-17995, Manually update not possible in samstemming when matching local item has a pending M1 on queue (update button disappears)]

When remove LIB option is used in Samstemming loose prescriptions (non PLL) that have an update option on external match are also removed from local lib.

[RENO-17999, Local item is still present in LIB after closing samstemming when erstatt lokal LIB med PLL has been used]

[RENO-18045, PLL was "deactivated" when non - pll doctor in the same installation recalled PLL item]

[RENO-18068, Stop dates in the future in PLL not right in samstemming]

In some cases a pending recall icon would linger after sending recall to RF and not correct it self unless after an RF lookup or a restart of FM client.

This has now been fixed.

[RENO-18082, Icons in LIB not correctly updated when NON – PLL doctor has sent M5]

Exception when forwarding locally unknown stopped items in PLL has been prevented and situation handled properly by ensuring the forwarding of PLL items stopped within the retention period (90 days).

[RENO-18130, CLONE(4.13) - NullRefException when signing/sending M25.1]

The search medication text box should now be appropriately disabled during an RF lookup, along with the "Forny Alle" button. For the cases where the buttons appear active during lookup they should no longer respond until after lookup completion.

[RENO-18134, CLONE(4.13) - Possible to do actions in the FM main view before samstemming opens]

Adding parenthesis to fix NullRefException

[RENO-18138, CLONE(4.13) - NullRefException when signing/sending M25.1]

Column size for patientfnr in message logs is now larger

[RENO-18139, CLONE(4.13) - Empty message log shown for DOB patients (patient specific messages) in the FM client]

Show the basis for an active draft item that is in draft state in samstemming

[RENO-18140, CLONE(4.13) - Doctor not able to import Reg from samstemming if nurse has imported and stopped Reg from PLL]

Show strikethrough on drugs in the LIBtilPLO and other printouts when stopdate has passed for drafts

[RENO-18142, CLONE(4.13) - Drug name shown in strikethrough in the LIBtilPLO printout although the stop date has not passed]

When nurse stops a reg item they imported, the status stays as ireg

[RENO-18144, CLONE(4.13) - Rejected draft from nurse is seen as history item in samstemming]

When "remove lib" option is available in "Samstemming" (non PLL patients with no PLL maintenance) any local drafts that are not registrations in lib are no longer excluded and will get removed.

[RENO-18145, Draft created by nurse shown on right hand side after using "Fjern local LIB" -error when trying to import]

When renewal information comes in an m9.6 on a local item that has also been renewed but not been sent, the local renewal is now undone.

[RENO-18172, Unsent M1 and received external renewal from PLL]

Fix undo error when PLL doctor undos import of recalled renewal from NON-PLL doctor

[RENO-18174, PLL doctor "angrer" import of recalled renewal from NON - PLL doctor - both original local and renewed item removed from LIB]

Don't add M5 to queue and don't show external history item as draft when it doesn't apply

[RENO-18181, Renewed eRp with status under ekspedering recalled twice – last M5 fails]

Error fix for SLV warnings in samstemming

[RENO-18184, Error message SLV warning Reg samstemming]

FM may add an M5 to the queue for irp items

[RENO-18192, Updating from samstemming does not add a M5 to the queue when the RF status for the local item is "Avsluttet"]

Showing update icon on externally renewed non-PLL items in samstemming

[RENO-18239, No update icon on externally renewed not-PLL item in samstemming]

Treatment that lasts to the end of the day is not shown as stopped in samstemming anymore

[RENO-18242, Treatment that lasts to the end of the day is shown as stopped in samstemming]

Items that have been removed where not always getting RF status correctly set by messages from RF. This should be fixed now.

[RENO-18250, Local LIB removed - already recalled eRp is put to sign / send when external renewal is received]

The stop date doesn't get shown on the right hand side in samstemming when it shouldn't, draft top text fixed.

[RENO-18277, CLONE (4.13) - Suggested stop date from nurse shown as stop date for RF item]

When an item is deleted from the LIB the recalled prescriptions are no longer included in an outgoing PLL for PLL managed patients.

[RENO-18281, CLONE (4.13) - Treatments belonging to deleted LIB prescriptions are sometimes present in the next outgoing PLL]

When the FM detects an external renewal in an incoming PLL for items in LIB list, these items will be linked accordingly.

[RENO-18282, CLONE (4.13) - Reg sent out as stopped and gets merknad E in PLL, renewed treatment not sent out in PLL]

Linking of registrations from PLL (Uten resept) for external renewals has been improved.

[RENO-18283, CLONE (4.13) - No automatic stop for renewed eRp and woken up original Reg sent out in PLL]

For some linking/update (in samstemming) cases the FM generated an M5 for the item being set to prescription history with a "ny resept id" which is incorrect as that is reserved for renewals.

[RENO-18284, CLONE (4.13) - RF returns an error when receiving a M5 with NewReseptId it has already received before]

The date parser in FM should now support receiving minimum date (0001-01-01T00:00:00+01:00) in messages without breaking.

[RENO-18285, CLONE (4.13) - FS: Feil på pasient i FM etter oppgradering til 4.12.5]

"Not in Rf" items on the LIB that are no longer a part of PLL are no longer filtered out of the LIB list, only AF list.

[RENO-18286, CLONE (4.13) - Not in RF item erroneously filtered out of LIB list]

Reg and kosttilskudd items with stop date in the future that gets automatically copied to the local item should now have an update option

[RENO-18287, CLONE (4.13) - Locally eRps not automatically stopped when externally renewed and stopped]

The FM no longer ignores pending recalls for history items when sending PLL and recalls after automatic linking.
[RENO-18288, CLONE (4.13) - Automatically created M5's get stuck on the signing queue]

Only reject stop draft on local reg instead of rejecting both in samstemming
[RENO-18289, CLONE (4.13) - Nurse creates stop draft local Reg_the Reg item is removed from the next outgoing PLL if PLL doctor performs "erstatt lokal LIB med PLL"]

Don't allow replace lib med PLL operation in samstemming when m5 pending is on queue for installation that needs drafts to be accepted
[RENO-18290, CLONE (4.13) - Doctor accepts renewal from nurse_treatments sent out as stopped in the next PLL if doctor erstatter lokal LIB med PLL]

Made sure that "ReseptStatus" is set to "T" for local item when processing M7 message for that item.
Fixed replace lib so it doesn't delete automatically stopped local items.
[RENO-18292, CLONE (4.13) - Erstatt lokal LIB med PLL removes local aktiv Reg stopped in future]

Specify who stopped treatment externally and for what reason for LesVarerIBruk
[RENO-18297, CLONE (4.13) - Some stop info shown as "Ikke spesifisert" in LesVarerIBruk]

Don't send m5 twice
[RENO-18298, CLONE (4.13) - PLL doctor "angrer" import of loose eRp, only the first PLL is sent out correctly, the treatment belonging to loose recalled eRp is sent out as active in the following PLL's]

[RENO-18299, CLONE (4.13) - Doctor gets an error message in samstemming when performing "erstatt lokal LIB med PLL" if nurse has made local changes to imported Reg from PLL]

[RENO-18300, CLONE (4.13) - The original (old) treatment with stop date from PLL is sent out in the next outgoing PLL]

[RENO-18301, CLONE (4.13) - RF lookup give Error message Nullable object must have a value]

deleted reg items not in PLL are not shown in AF
[RENO-18303, CLONE (4.13) - Deleted PLL eRp treatment shown in samstemming and deleted Reg seen in AF in external installation where the items are locally known]

Error fix for lesvareribruk
[RENO-18304, CLONE (4.13) - LesVarerIBruk return error message for external Kur]

Made sure that LesVarerIBruk with a date range or a single date does not return previous prescriptions that where renewed outside of date(s).
[RENO-18305, CLONE (4.13) - Item that is not in today's LIB shown in LesVarerIBruk - VibDato output for today]

[RENO-18306, CLONE (4.13) - Stop info for treatments with structured dosing missing some info in LesVarerIBruk for external inst]

When doing "replace lib" in "samstemming" sometimes the FM would return an error for items that have FEST conditions. This has now been fixed.
[RENO-18308, CLONE (4.13) - "Feil ved fjerning av lokal legemiddelliste" -error – hard to reproduce]

Fixed strange situation aftur "undo linking/update" in samstemming.
[RENO-18309, CLONE (4.13) - Not possible to update local PLL item when undo has been used in samstemming for items externally renewed by non pll doctor]

Søknad SLV in the M1 view changed to Søknad DMP
[RENO-18319, "Søknad SLV" in the "M1 view"]

Show recallable history item in AF and samstemming and disable its import button for non-recalled removed item renewed to reg by a nurse or other type of assistant
[RENO-18396, Missing active eRp in AF after "Fjern lokal LIB"]

FM bookkeeping amended to better express a deleted item when using "LesVarerIBruk" after "Remove Lib" operation.
[RENO-18399, Les varer i Bruk: Using Fjern lokal LIB - Missing sletteinformasjon on externally renewed elements]

Fixing object reference error message popping up
[RENO-18401, Unexpected error opening some patients - object reference not set to an instance of an object]

[RENO-18402, Externally stopped and unknown locally Reg (kur, with stop date today) with passed stop date shown in AF]

External stopped items should no longer show up in "LIB historikk" view.

[RENO-18403, LIB history is populated by external items even when nothing has been in LIB]

[RENO-18405, SisteEndret - No changes in in the medication but SistEndret in PLL changes]

[RENO-18435, SistEndret updated for stopped eRp when no change is done to the item]

[RENO-18448, Get Uventet feil (ArgumentNullException: Verdien kan ikke være null) with automatic lookup]

[RENO-18449, Get Uventet feil if doctor use Erstatt lokal LIB med PLL and it is a Reg-draft from nurse in the LIB - The Vbltem Id is the same as its PreviousVbltemId]

Defect (35)

Doing a KJ lookup when access token has expired but the refresh token is still valid should work as expected

[RENO-16645, Refreshing the Helseld access token not working as expected]

Show stop suggestions preventing sending of PLL when clicking "PLL-melding"

[RENO-17325, Stop suggestions preventing sending of PLL are not shown in the list when "PLL-melding" label is clicked]

[RENO-17822, Recall option not shown for loose resepter after selecting to remove local LIB]

[RENO-18083, Automatically stopped local item removed after using "Replace local LIB with PLL" in samstemming]

Header for local items shown correctly in samstemming when PLL for a patient has been removed from RF

[RENO-18101, Header for local items shown strangely in samstemming when PLL for a patient has been removed from RF]

Don't load previous item on right side in samstemming for item not in RF

[RENO-18123, Local history item shown on the right hand side in samstemming when resept is no longer in RF and treatment has been removed from PLL]

When a prescription is imported for which the medication is not found in local version of FEST the "Les Varer I Bruk" method would not return all the medication information needed for a valid response.

This has now been fixed.

[RENO-18129, CLONE(4.13) - <Varenavn> and <Legemiddelform> not returned in LesVarerIbrukSvar for items that are "Utgått" in local FEST]

Fixing import error when user imports CAVE item from samstemming that is not in local FEST

[RENO-18156, NullRefException when importing a CAVE and the medication doesn't exist in the local FEST]

[RENO-18157, Samstemming is opened after automatic RF lookup even if there are no new items coming in the last lookup]

Nurse stopping an item another nurse imported becomes a stop draft

[RENO-18161, Import draft sent to AF after another user selects to stop the import draft]

Allow replace lib med PLL in installation with local m5 drafts that have not been accepted yet

[RENO-18213, Replace local LIB with PLL is blocked after a nurse in PLO suggests a renewal from eRp to eRp]

[RENO-18248, Undo "linking" of updated items is not working as expected]

[RENO-18255, PLL item no longer in RF and no longer included in a PLL is shown in AF]

In rare cases an incoming PLL can have two prescriptions presented. For installations where these two are automatically linked the samstemming sometimes showed these two as separate treatments. This has now been fixed.

[RENO-18262, [Samstemming not always showing automatically linked items as linked](#)]

Fixed visibility for checkbox in "Samstemming" to show deleted items after remove/replace Lib operation when something got removed.

[RENO-18270, [CLONE \(4.13\) - Local item is shown in AF after it has been removed when using "Replace" operation](#)]

Automatic linking by information from RF lookup should now work when we only get "ForrigeReseptId" and that item is no longer in RF.

[RENO-18291, [CLONE \(4.13\) - Linking on "ForrigeReseptId" is not working as expected](#)]

Show external renewals as linked on first RF lookup, do not show recalled history item as a different treatment in samstemming

[RENO-18295, [CLONE \(4.13\) - External renewals not shown as linked in the first samstemming after RF lookup](#)]

[RENO-18307, [CLONE \(4.13\) - FM is not handling well when receiving two treatments in the PLL that both match the local item](#)]

Error fix

[RENO-18316, [NullRefException occurs when doing RF lookup and receiving external Reg in a PLL](#)]

reworking logic to fix bug

[RENO-18318, [Total prescribed amount is not changing when antall is being changed in the medication prescription](#)]

[RENO-18357, [CLONE \(4.12.7\) - Dosing warning shown on all items where the kortdose selected for the prescription does not exist in local FEST](#)]

Inactive, deleted and disproven CAVE records that have missing values no longer block the sending of PLLs.

[RENO-18374, [CLONE \(4.13.2\) - Inactive CAVE missing required values is blocking sign&send](#)]

Organization validation is now skipped for EpjApi method LesPatientStatus if Organisasjon element is not present.

[RENO-18375, [CLONE\(4.13.2\) - <Organisasjon> element required in LesPatientStatus call for old namespaces](#)]

The FM could in special circumstances be blocking the sending of PLL because of an item in AF that was recalled and stopped, this has now been remedied.

[RENO-18376, [CLONE\(4.13.2\) - Item source is not updated for a local item that is stopped in PLL and is therefore blocking sending of PLL](#)]

[RENO-18377, [CLONE\(4.13.2\) - RF state not updated to "Not-In-RF" for a PLL item when the resept is no longer in RF](#)]

Loose prescription that's recalled or no longer in RF with "ReseptStatus" "Ekspederbar" doesn't block sign & send functionality

[RENO-18380, [CLONE\(4.13.2\) - Loose prescription that is either recalled or no longer in RF but with "ReseptStatus" "Ekspederbar" is blocking sign&send](#)]

[RENO-18381, [CLONE\(4.13.1\) - CLONE \(4.12.7\) - Dosing warning shown on all items where the kortdose selected for the prescription does not exist in local FEST](#)]

[RENO-18382, [CLONE\(4.13.2\) - CLONE \(4.12.7\) - Dosing warning shown on all items where the kortdose selected for the prescription does not exist in local FEST](#)]

Fixing lookup error for PLL items, especially those renewed from erp to reg in another installation.

[RENO-18388, [Newly imported item still has update option](#)]

Disable recall option for unimported PLL item when it isn't stopped in samstemming

[RENO-18394, [Recall option available in samstemming when it shouldn't be](#)]

The top-text "Registrering refererer til resept med avvikende innhold" for external items in samstemming has been removed

[RENO-18406, [Top-text shown on external renewed Reg prescriptions when local is also a Reg](#)]

Fixing lookup error for PLL items, especially those renewed from erp to reg in another installation.

[RENO-18415, [CLONE \(4.13.2\) - CLONE \(4.14.0\) - Newly imported item still has update option](#)]

[RENO-18421, Exception occurs when selecting to "Replace local LIB with PLL" and cancelling out of "Forny med endring"]

[RENO-18428, NullRefException when doing RF lookup and receiving PLL including one active eRp]

Fixing error where we could not stop newly imported item in the samstemming session

[RENO-18432, Nothing happens when clicking the "Stop" option on the local item in samstemming after having imported from PLL in that samstemming session]