Release Notes

Docman 10 Release 145.3

Author: Benjamin Matheson
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Advanced Computer Software Group Ltd.
Ditton Park, Riding Court Road, Datchet, Berkshire. SL3 9LL

t: 0845 160 6162 (+44 845 160 6162) | f: +44 (0) 1932 584001

www.oneadvanced.com

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Contents

Overview **1**
RMS Changes **3**
GP Changes **5**
General changes **9**
RMS Screenshots **11**
GP Screenshots **12**

Overview

This release includes development work carried out in Sprints 144 and 145. The most notably change within this release relates to the user interface of Docman 10.

Both Docman 10 and RMS products have been given a cosmetic uplift, giving them a more modern and reinvigorated look and feel. This signifies the start of our Docman 10X work, with new functionality to be added in the future.

It also includes a new Automated Coding feature will be released to several pilot sites to trial the functionality before it is made widely available for other customers.

A new API has also been developed to provide an integration between Docman RMS and PEPR, which will allow PEPR to display any open Docman tasks and discussions for a User to complete in Docman RMS.

RMS Changes

This release contains the following RMS specific changes:

Jira ID	Salesforce / Service Now Ref	Type	Title	Description
DCMC-385	N/A	Feature	RMS – PEPR Integration | API Capability to return the patient document folder a document has been added to	As part of a new feature, the Docman RMS API can expose the patient document folder a document belongs to so that PEPR can add this information to a referral when a synchronisation takes place.
DCMC-381	N/A	Feature	RMS – PEPR Integration | User task count API	A new API call has been added which returns a count of active tasks for a given User. This will allow Users of PEPR to see how many Tasks they have in RMS without having to log in. A Windows username can also be checked if it is already linked to a Docman User account.
DCMC-689	N/A	Feature	RMS – PEPR Integration | New data items for Patient Document API endpoint	New data items have been added to the current 'Patient Document endpoint' in the Docman 10 API so that it can return the necessary information PEPR needs for PEPR to add to a referral when pulling it in from RMS. The new data items include 'Folder name' and UBRN.
DCMC-386	N/A	Feature	RMS – PEPR Integration | Task update synchronisation API	A new API has been created which can tell PEPR whenever a document has been updated in RMS so that PEPR can pull in the new information for a referral accordingly. The API can be queried with an updated since date/time range and optionally a Task name and return completed Tasks with the following details: • Document GUID • Patient ID • Task name • Task type • Task Completion Date The Date/Time range must be restricted to 72 hours maximum.

DCMC-382	NA	Feature	RMS – PEPR Integration | Task comments API	A new API call has been created to surface all Discussions and Review Task comments related to a specific document. This is so PEPR can add this information to a referral when Discussions are updated. The Document GUID can be used as the input parameter and this returns the following:
				
				• Discussions related to the specific document, including:
				  ○ Discussion comments added
				  ○ User who added the discussion comments
				  ○ Date/time the discussion text was added
				• It also includes information from finished review tasks:
				  ○ Task comments added
				  ○ Task template used
				  ○ User who finished the task and Task completion date/time
				
				If a 404 error is returned, then the document GUID is invalid.
				
				If a 200 response is returned then the request is valid, but no data is present.

D10-5352	21955520	Defect	Actions missing from View History action	Several task actions had been reported as not added to the history of a document. A fix has now been implemented by reworking how the SQL is built for document history.

GP Changes

This release contains the following GP specific changes:

Jira ID	Salesforce / Service Now Ref	Type	Title	Description
D10-5146		Feature	Organisation-level feature switch for Automated Coding	To control the roll-out of this functionality, an Organisation-level feature switch had been added so that Advanced can set which Organisations can use Automated Coding.
D10-5147		Feature	Global settings to connect to the Clinithink Insight API	A global setting has been added to the Connect console so that the Clinithink API settings can be configured easily across the customer base by Cloud Ops.
D10-5193		Feature	Create Action Button for Clinithink Insight API	A "Start AI Coding" action has been added to Tasks so that Users can perform automated coding.
D10-5197		Feature	Create Independent Method for OCR document for Clinithink	A separate method in the Clinithink controller has been created to write OCR content to the database in the case where OCR content is missing for a document in Docman,
D10-5198		Feature	Create New Clinithink controller to implement Clinithink API calls	A new action method has been created in the Clinithink controller so that OCR content can be sent to the Clinithink API to provide the User with suggested clinical codes.
D10-5149		Feature	Basic Processing of AI codes	This feature will extract basic codes from the Clinithink Insight API response and provide Users with the results suggested by the AI when using Automated Coding.
D10-5263		Feature	Display AI Coding Results in UI	When actioning a Coding task using Automated Coding, Users will be presented with Snomed codes suggested by the AI to assist in the process of coding documents.
D10-5178		Feature	Ability to edit suggested term attributes	Users can amend the attributes of coded terms suggested by the AI if they wish to do so while retaining the same coding term.

D10-5179		Feature	Ability to omit suggested terms	Users can remove a suggested term from the list of codes suggested by the AI to omit it from the coding process.
D10-5180		Feature	Highlight suggested term locations in the document	By hovering of a specific term that has been suggested by the AI, the code will be highlighted within the document.
D10-5181		Feature	Identify potential duplicates in automated coding	Terms suggested by the AI are checked against the patient's medical history so that Users do not unnecessarily duplicate codes that should not be duplicated. "Get Medical History" must be enabled in Settings for this functionality to be activated.
D10-5183		Feature	Blacklist inappropriate terms	Codes that a User would not typically add to a patient document will be automatically excluded when using Automated Coding if they meet the blacklist criteria.
D10-5184		Feature	Assign EMIS term heading	When coding documents in Docman 10 and using EMIS Web, term headings will be automatically added, removing the need for the User to do it themselves manually.
D10-5188		Feature	Assign associated term values	Associated term values will automatically be added when using Automated Coding to save the User from having to set these themselves. The User can still choose to amend these values if they wish to.
D10-5296		Feature	Assign existing Problem code "Episode" using EMIS coded record check	Automated Coding will check terms against the patient's medical history in EMIS and assign the appropriate "Episode" for a Problem code so that Users do not unnecessarily duplicate codes. Please note that this only applies if the "Allow Get Medical History" functionality is switched on in the Docman Settings console.
D10-5207		Feature	Function for Advanced to manage the Automated Coding Blacklist	Advanced will be able to filter out any blacklisted terms from use in Automated Coding so that they do not appear in the suggestions list. Examples include codes such as Address and Date of Birth.

D10-5416		Feature	Remove duplicates of terms suggested by Clinithink more than once	Duplicate codes in the Automated Coding suggestions list will automatically be removed so that the User does not have to remove them.
D10-5205		Feature	Assign units from the Automated Coding response	Automated Coding will assign units to terms so that the User does not have to. This User will be able to change the unit suggested from the list of units configured for the site.
D10-5507		Feature	Add punctuation to OCR specifically for Automated Coding	Punctuation has been added to the OCR specifically for Automated Coding so that it can suggest terms based on the overall document as accurately as possible.
D10-5432		Feature	User interface enhancements for the AI coding panel	A series of enhancements were added to make the AI coding panel clear and consistent so that the workflow is easy and intuitive for Users.
D10-5500		Feature	User interface enhancements for AI coding items	The AI coding panel will show all relevant information required so that the User does not need to click into each individual term to check if it's been coded with the correct attributes.
D10-5462		Feature	Use EMIS desired format for blood pressure codes	Automated Coding will continue to send blood pressure readings in a format that EMIS web understands so that the patient record has a complete history of BP readings in one place.
D10-5596	21996991	Defect	Patient Facing Services | Error when editing filing details and attempting to refile the document.	When editing the filing details of a document in a patient record and then attempting to re-file the document to EMIS this resulted in an error and the document would appear visible to the patient by default. A fix has now been implemented this issue.
D10-5584		Bug	Patient Facing Services | DTA closed but audit is still written	If a User sets the Online Status of a document without the Desktop App running, an action is audited despite not being executed in EMIS. This issue was found internally and has now been resolved. Users will now be notified that they cannot use the Online Services feature if the Desktop App is not running.

D10-5665		Bug	PATCHS Auto-registration | Status code 2 returned for NHS number matches	When PATCHS sends an NHS number to Docman, if it contains a space Docman cannot find a patient match. Any spaces will now be trimmed when performing the look up so that Docman is able to match the correct patient even if the NHS number is initially sent with spaces.
D10-5536		Task	Update Snomed Browser with latest NHS Digital release	The Docman Snomed Browser has been updated with the latest release of Snomed terms from NHS Digital.

General changes

The following changes have been made that are non-specific to RMS or GP:

Jira ID	Salesforce / Service Now Ref	Type	Title	Description
D10-5040		Feature	Docman10 X UI	Both the Docman 10 & RMS products have been reinvigorated and re-branded with a new theme and style seen throughout the application. Users will immediately notice a change to the colour scheme and to the look and feel of existing icons and navigation bars. These changes are the first in a series of future modules to be part of Docman10X.
DCMC-834	21974995	Defect	Third Party Unable to Retrieve from Share API	A defect was raised due to a Docman Share customer not being able to retrieve documents via the Share API. After closer investigation it was noticed that a duplicate field of "FolderName" had been added to one of the API calls which in turn was causing the customer's system to fail. This duplicate of "FolderName" has now been removed and any calls made to the API should now work as expected.
DCMC-725	21945948	Defect	Failing to collect forwarded email images	When forwarding emails from an external mailbox to NHS mail, embedded images were not being captured by the ExchangeCollector. The reason for this was due to the contents being capture as html instead of converting to a base64 string. A change has now been made to the exchange collector which now converts the inline images to a base64 string and after conversion the images will now display as expected.
D10-5824	22023238	Defect	Issue with Search functions	Several areas of the application which use Search functionality were reported as not working. When using search to filter documents in the screen Capture and Filing the search functionality does not respond. When adding a clinical code at the point of filing and attempting to search for a code in the

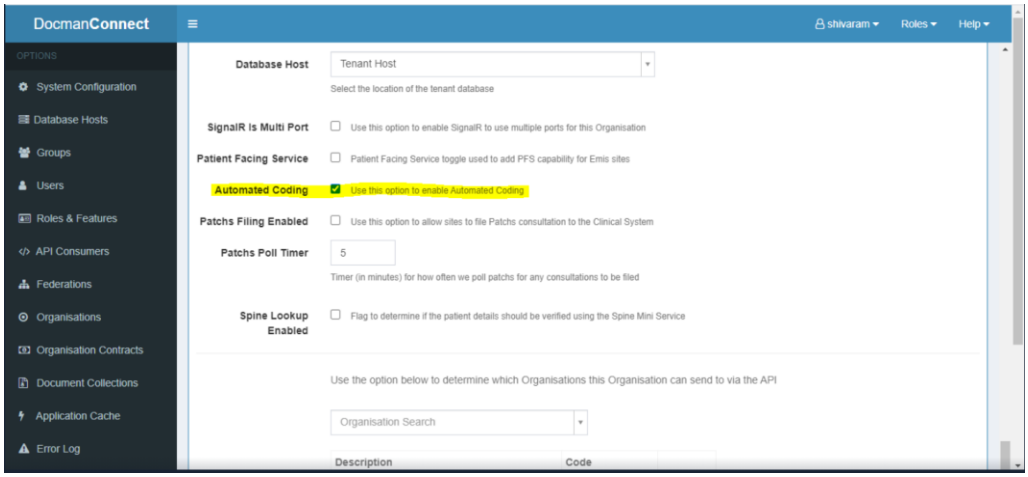
				Snomed browser the search functionality does not respond. When searching for a pre-defined comment to add as an instruction as the point of starting a workflow this ability to search also does not respond. A fix has now been implemented.

RMS Screenshots

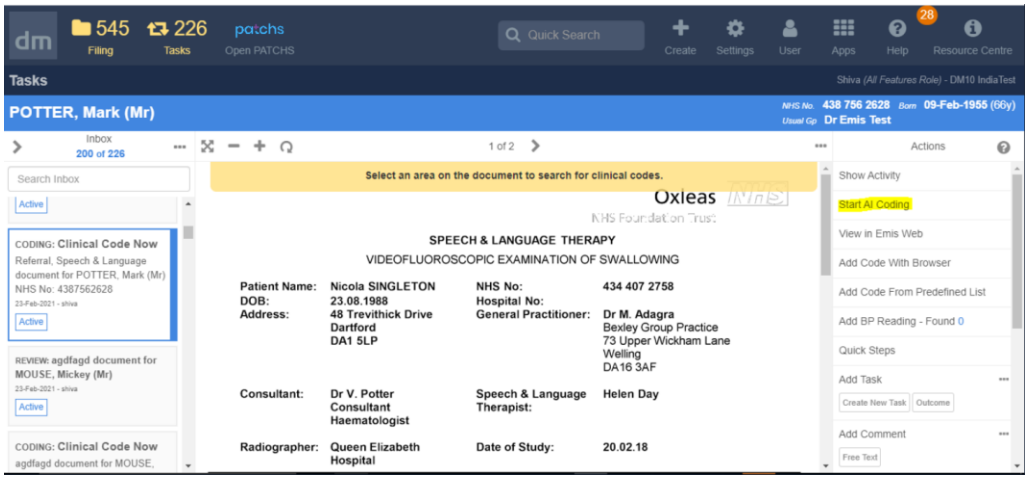
N/A

GP Screenshots

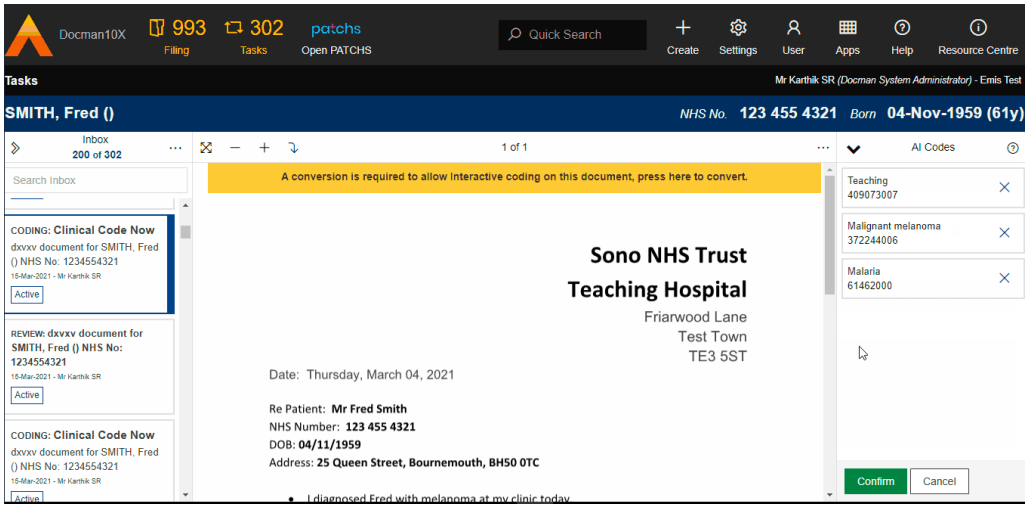
D10-5146 - Organisation-level feature switch for Automated Coding



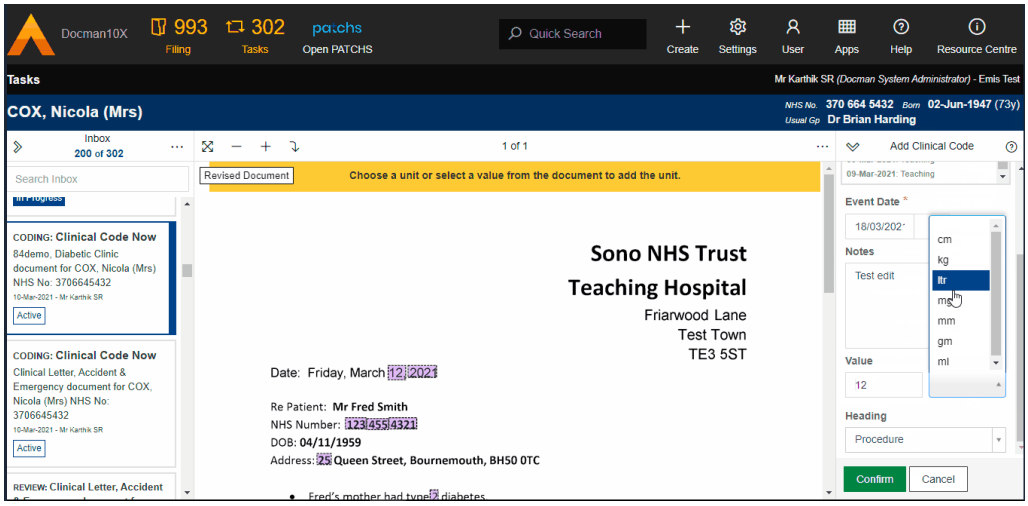
D10-5193 – Create Action Button for Clinithink Insight API

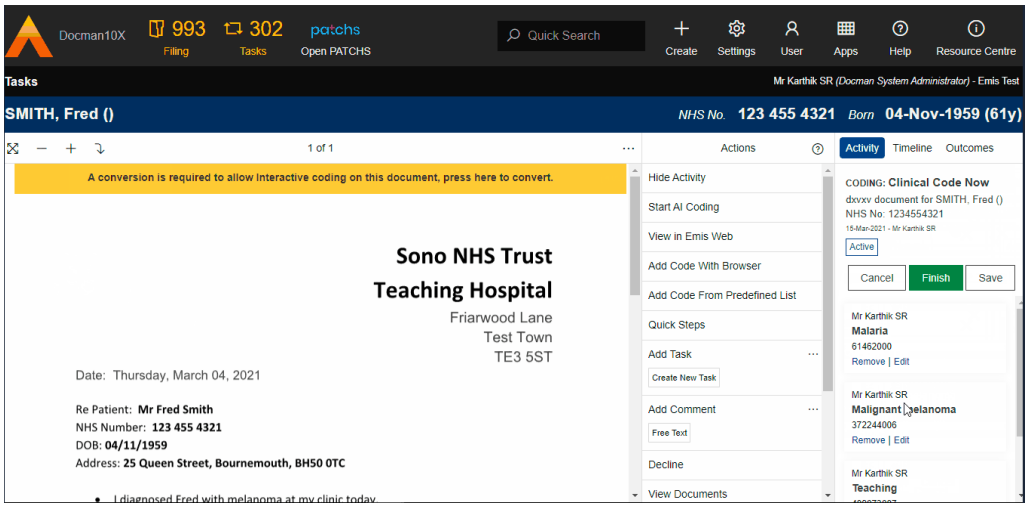


D10-5263 Display AI Coding Results in UI

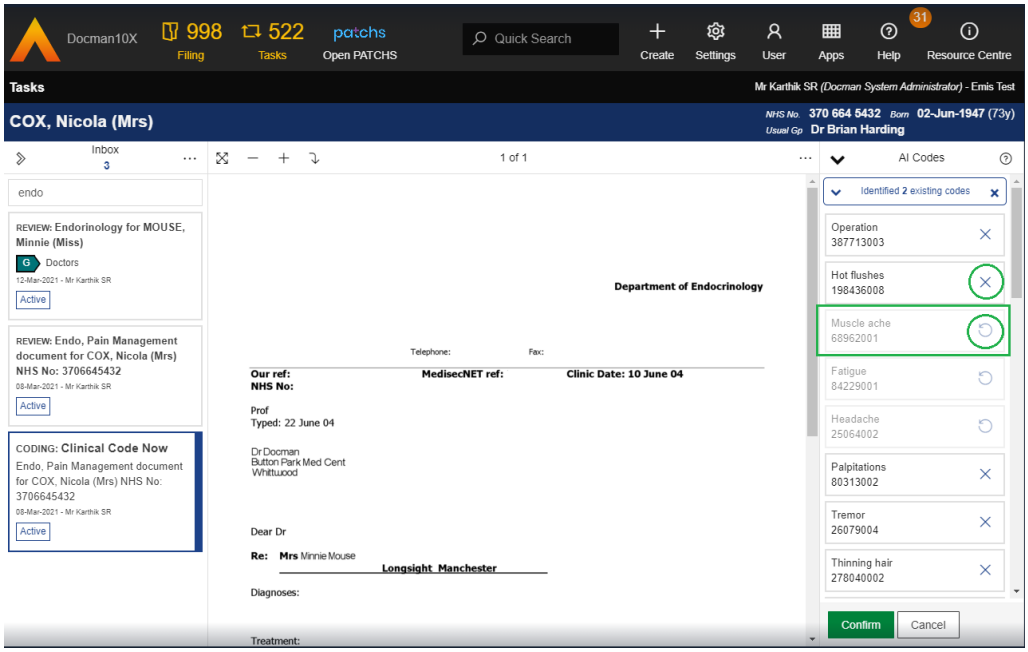


D10-5178 Ability to edit suggested term attributes

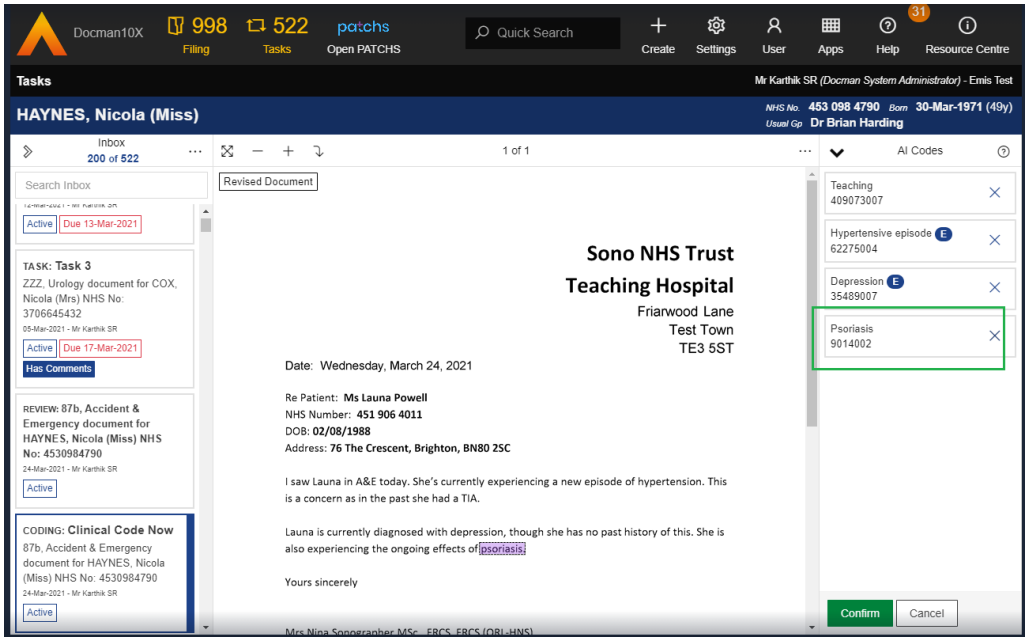




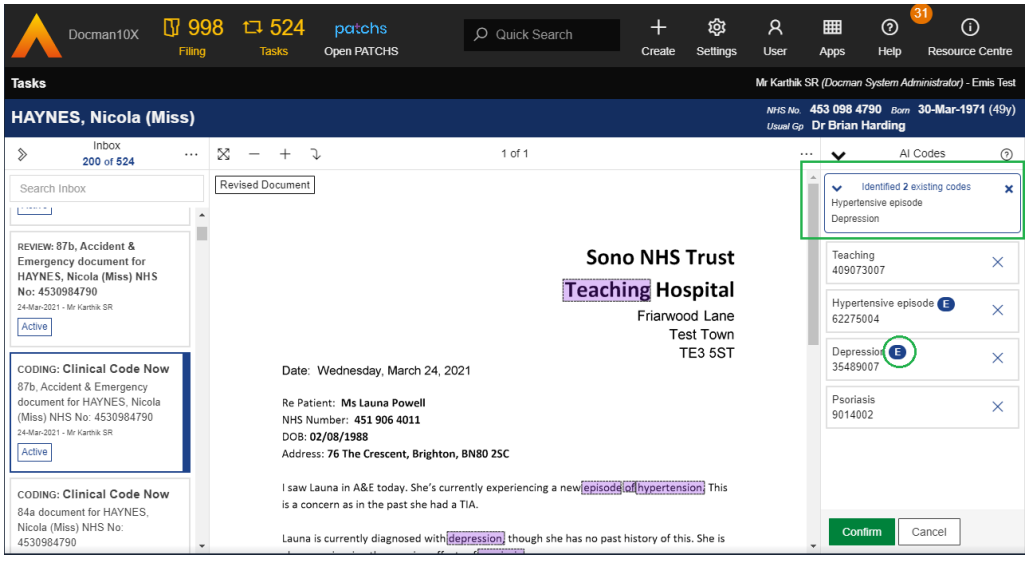
D10-5179 Ability to omit suggested terms

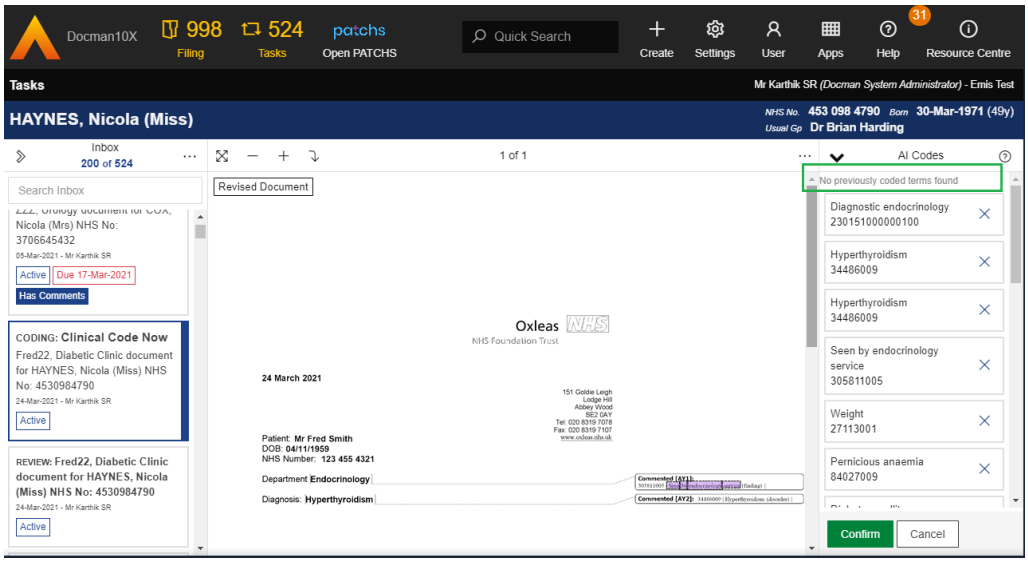


D10-5180 Highlight suggested term locations in the document

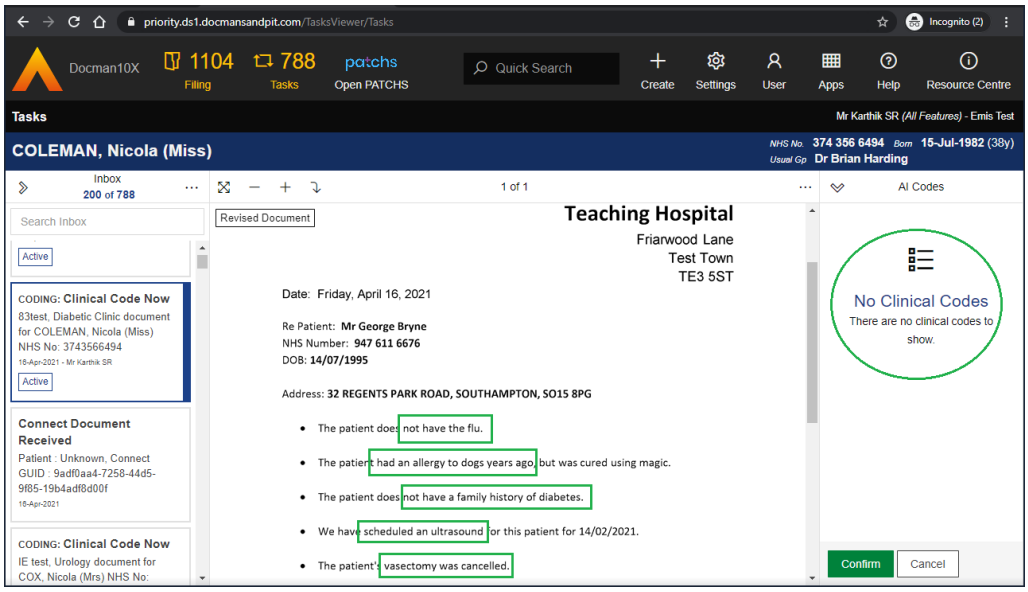


D10-5181 Identify potential duplicates in automated coding

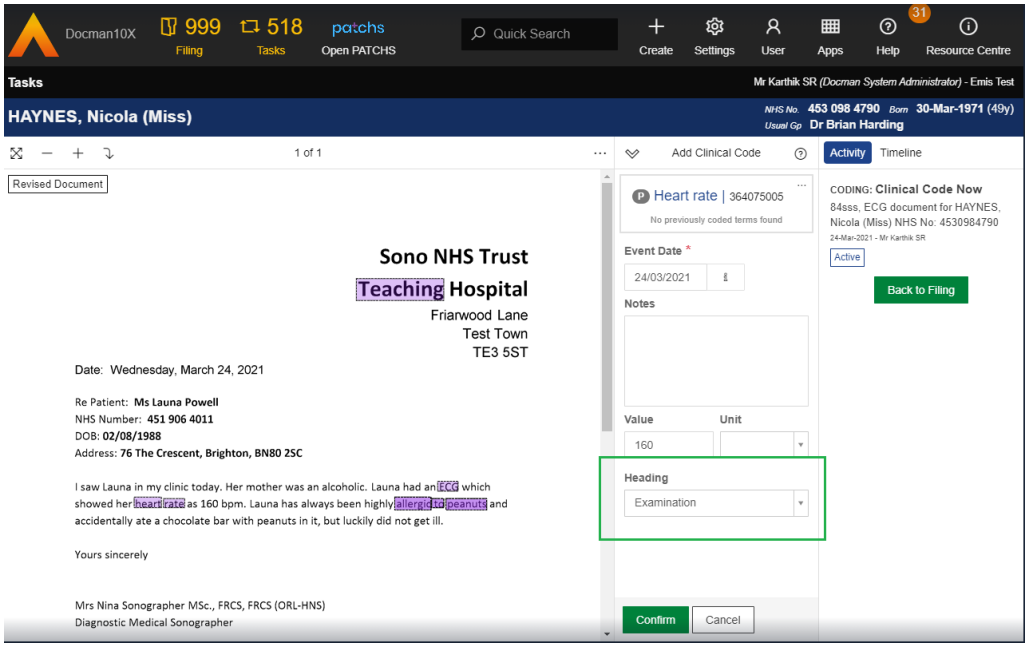


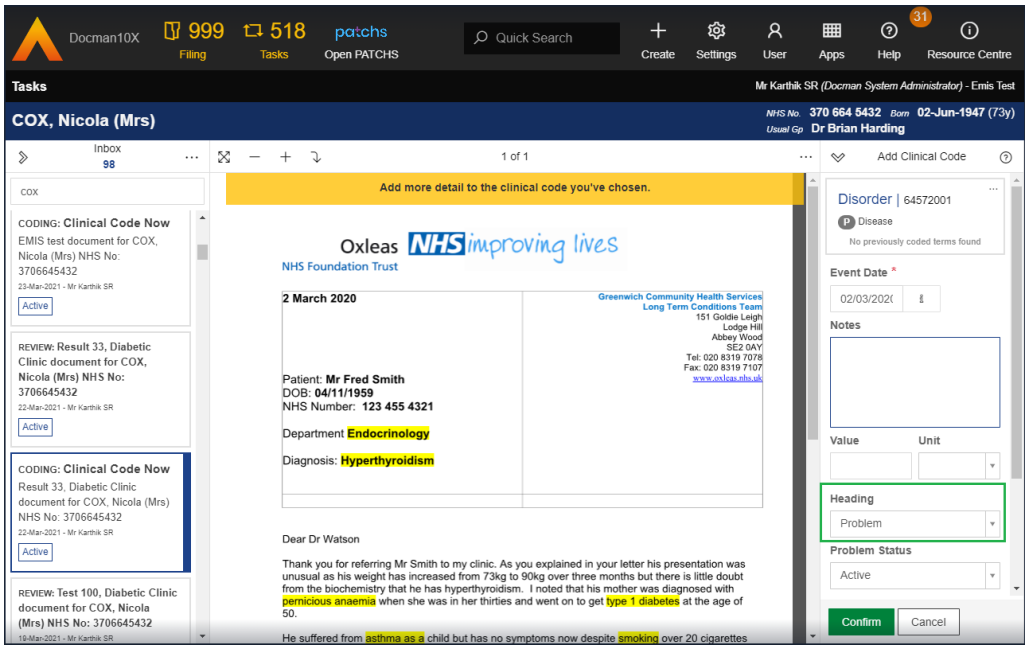


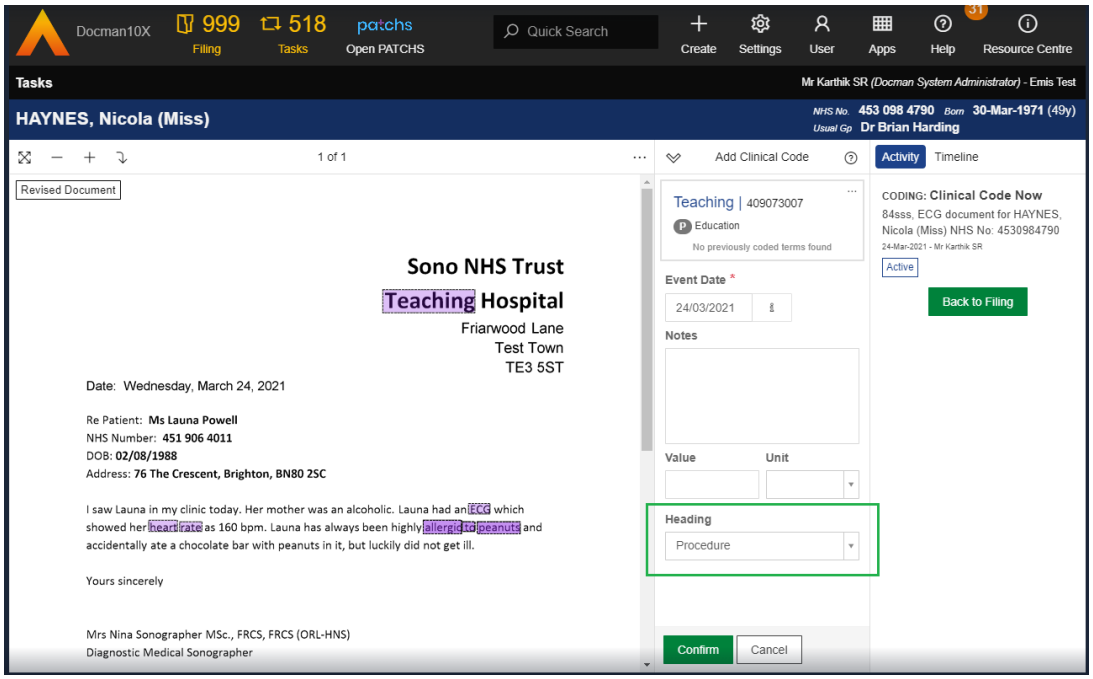
D10-5183 Blacklist Inappropriate terms

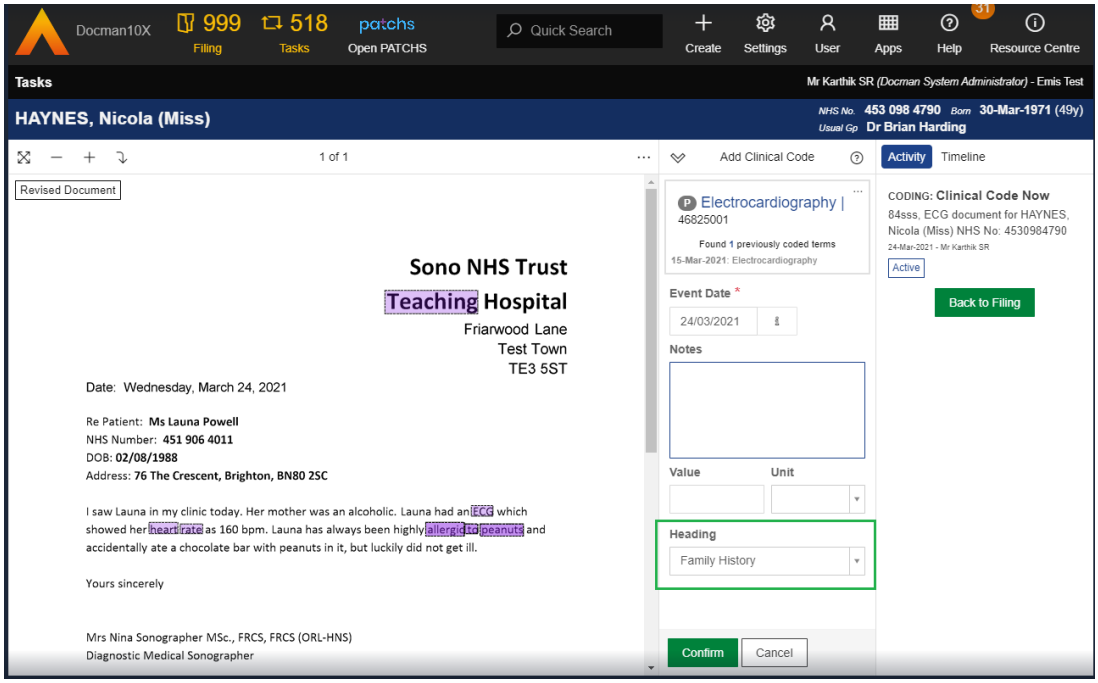


D10-5184 Assign Emis term headings






Docman10X
999
Filing
518
Tasks
patchs
Open PATCHS
Quick Search
Create
Settings
User
Apps
Help
Resource Centre
Tasks
Mr Karthik SR (Docman System Administrator) - Emis Test
HAYNES, Nicola (Miss)
NHS No. 453 098 4790 Born 30-Mar-1971 (49y)
Usual Gp Dr Brian Harding
1 of 1
Revised Document
Sono NHS Trust
Teaching Hospital
Friarwood Lane
Test Town
TE3 5ST
Date: Wednesday, March 24, 2021
Re Patient: Ms Launa Powell
NHS Number: 451 906 4011
DOB: 02/08/1988
Address: 76 The Crescent, Brighton, BN80 2SC
I saw Launa in my clinic today. Her mother was an alcoholic. Launa had an ECG which showed her heart rate as 160 bpm. Launa has always been highly allergic to peanuts and accidentally ate a chocolate bar with peanuts in it, but luckily did not get ill.
Yours sincerely
Mrs Nina Sonographer MSc., FRCS, FRCS (ORL-HNS)
Diagnostic Medical Sonographer
Add Clinical Code
Activity
Timeline
Teaching | 409073007
Education
No previously coded terms found
Event Date *
24/03/2021
Notes
Value
Unit
Heading
Procedure
Confirm
Cancel
CODING: Clinical Code Now
84sss, ECG document for HAYNES, Nicola (Miss) NHS No: 4530984790
24-Mar-2021 - Mr Karthik SR
Active
Back to Filing


Docman10X
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Tasks
patchs
Open PATCHS
Quick Search
Create
Settings
User
Apps
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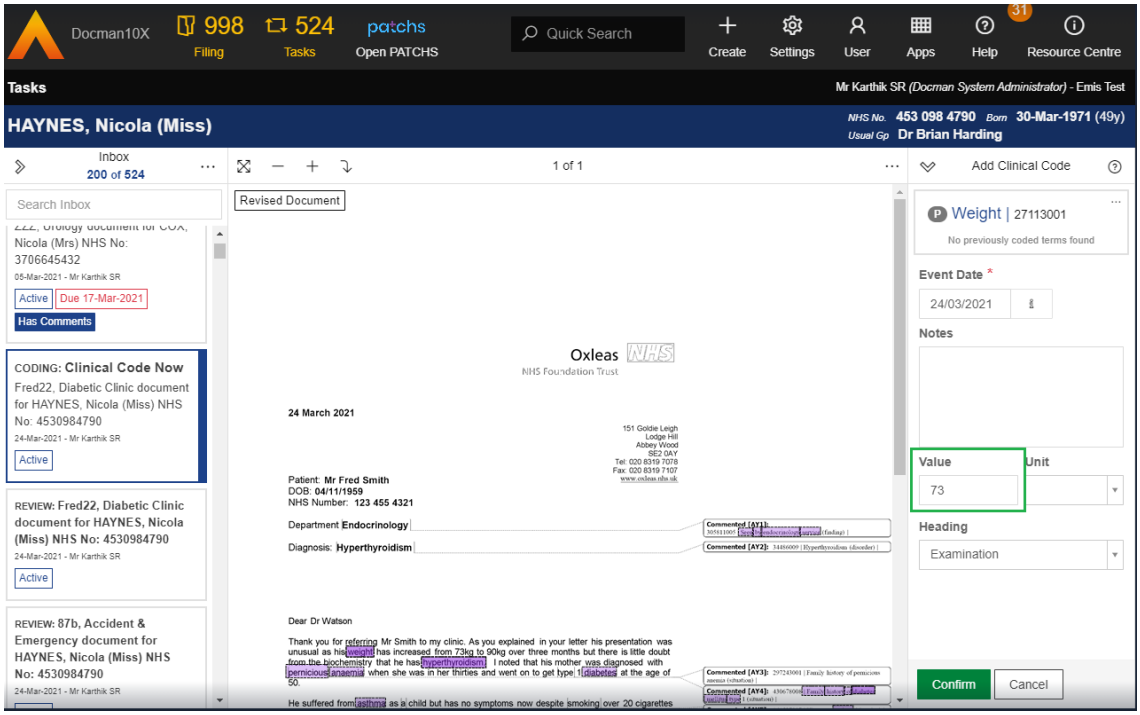
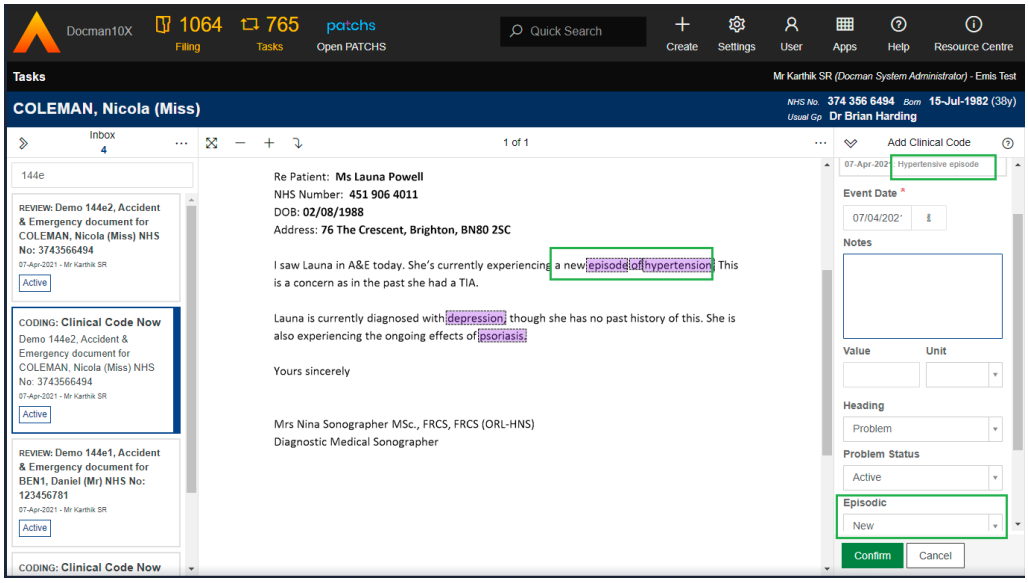
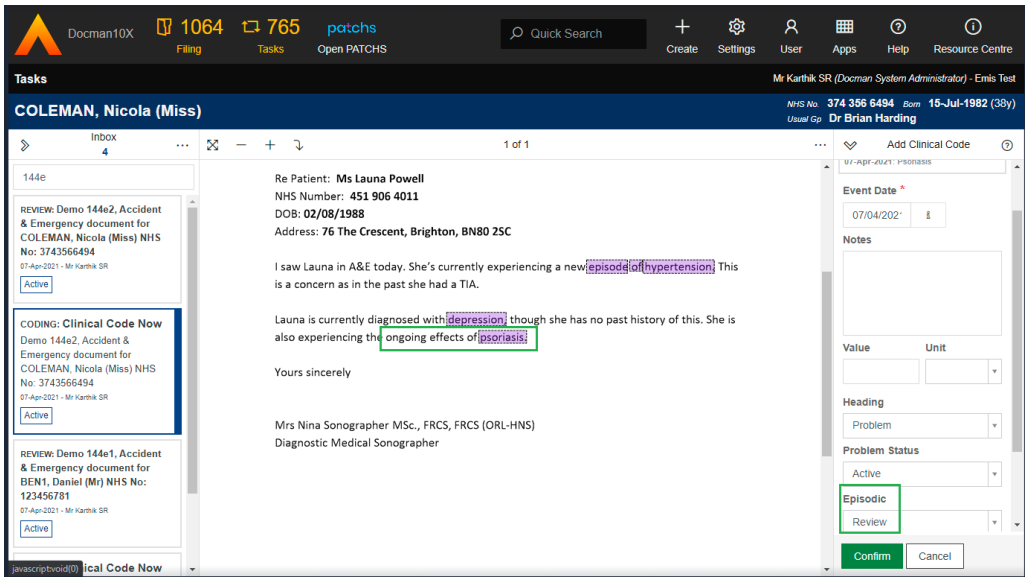
Yours sincerely
Mrs Nina Sonographer MSc., FRCS, FRCS (ORL-HNS)
Diagnostic Medical Sonographer
Add Clinical Code
Activity
Timeline
Electrocardiography | 46825001
Found 1 previously coded terms
15-Mar-2021: Electrocardiography
Event Date *
24/03/2021
Notes
Value
Unit
Heading
Family History
Confirm
Cancel
CODING: Clinical Code Now
84sss, ECG document for HAYNES, Nicola (Miss) NHS No: 4530984790
24-Mar-2021 - Mr Karthik SR
Active
Back to Filing

D10-5188 Assign associated term values

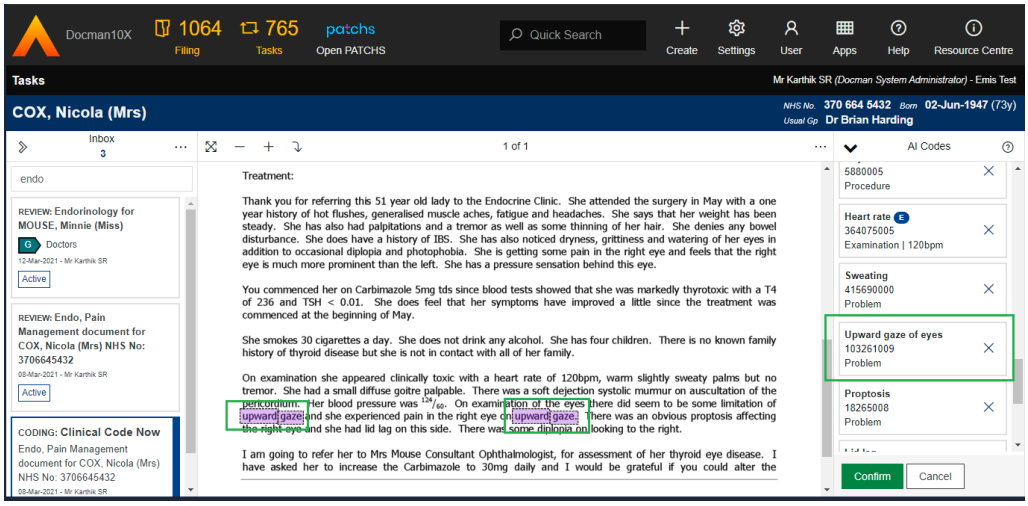


D10-5296 – Assign existing Problem code "Episode" using EMIS coded record check

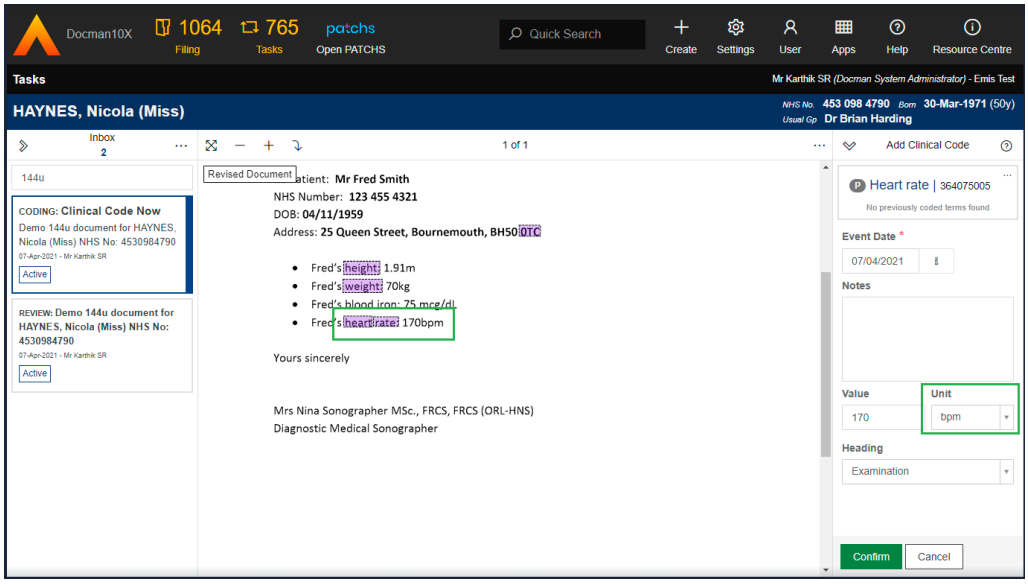


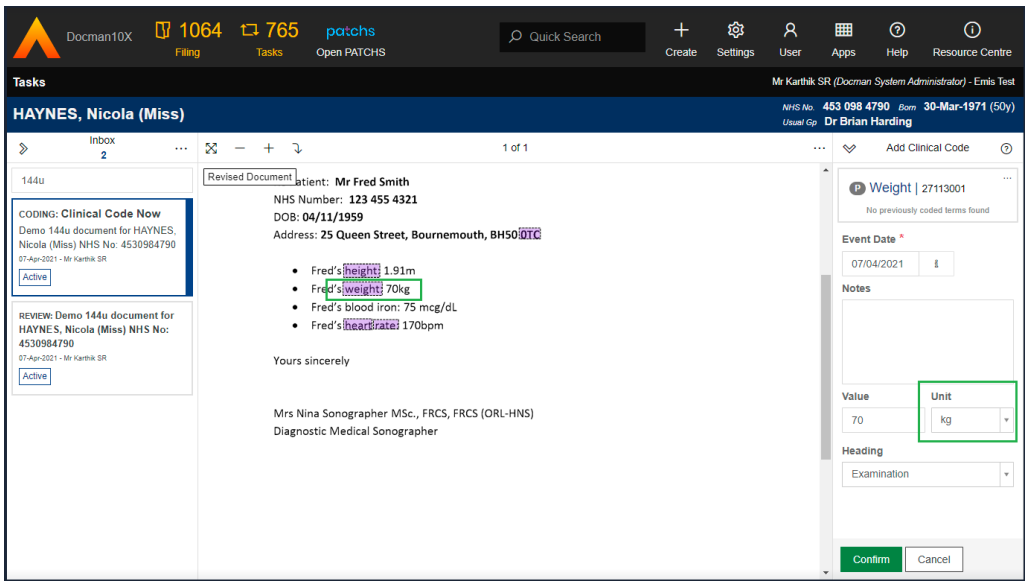


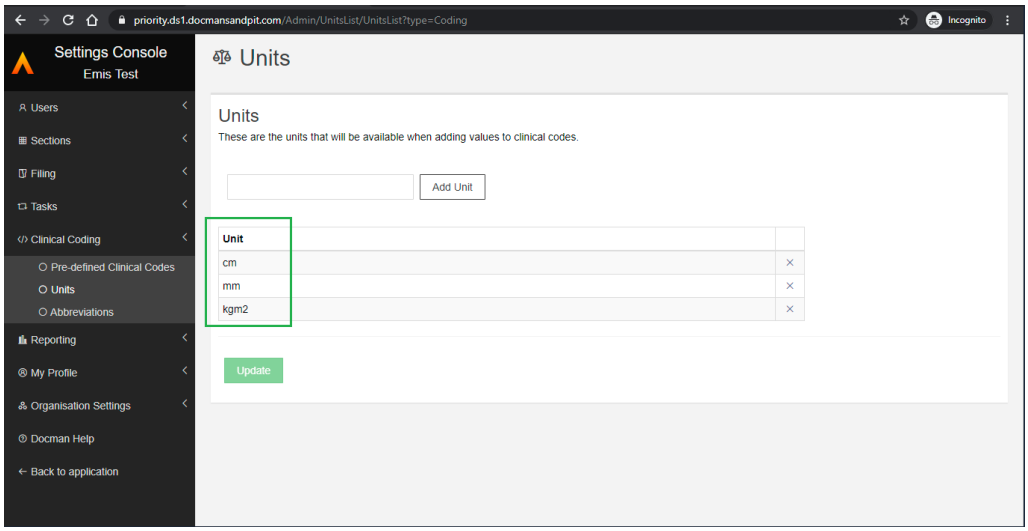
D10-5416 – Remove duplicates of terms suggested by Clinithink more than once



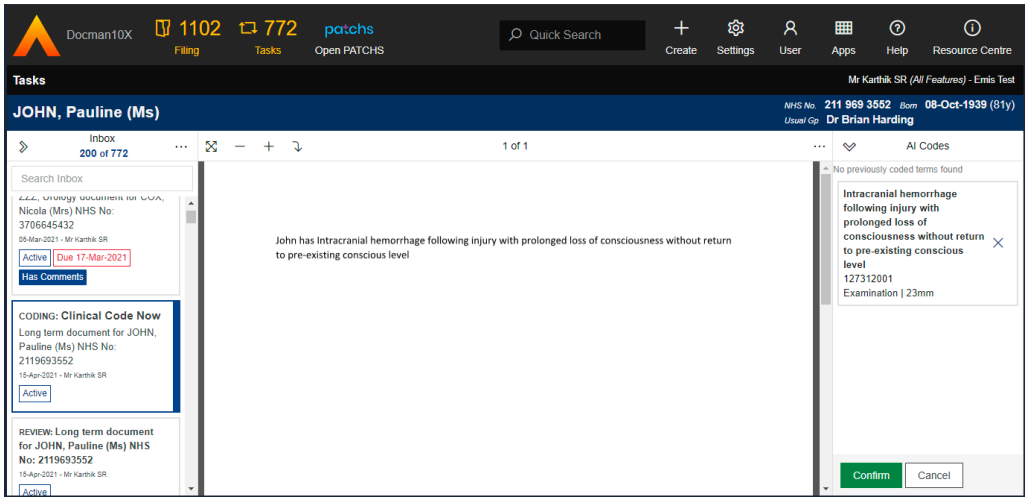
D10-5205 – Assign units from the Automated Coding response

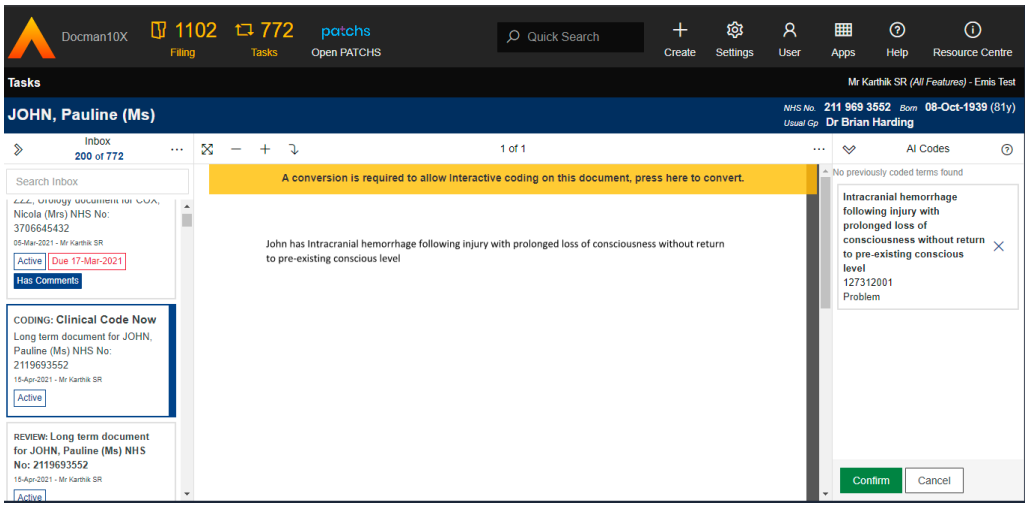
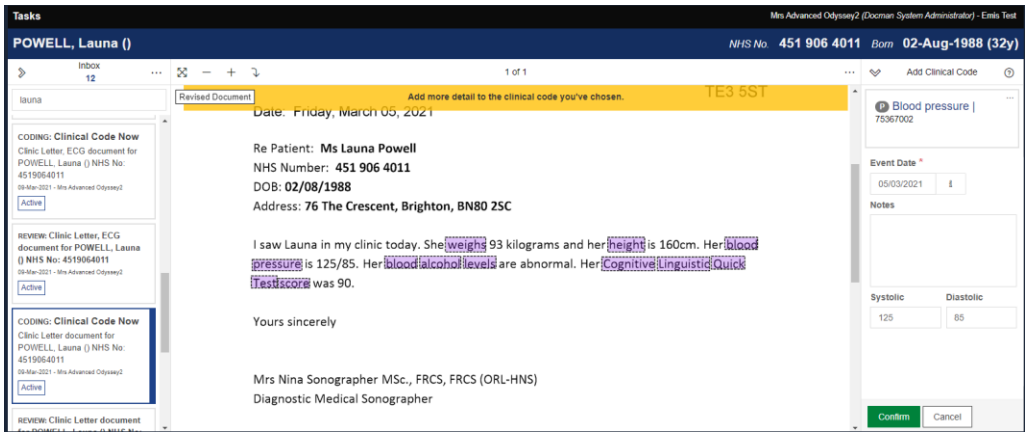






D10-5500 – User interface enhancements for the AI coding items





D10-5462 – Use EMIS desired format for blood pressure codes