Release Notes 8.2

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PREREQUISITES PRIOR TO UPDATE

This list will detail prerequisites, identified either as Required or Recommended, that should be reviewed and completed before upgrading to Medflow V8.2.

Required- Unless verified or completed, it will impact the successful outcome of the upgrade or reporting capabilities for Meaningful Use

Recommended- Optional but highly recommended by Medflow

Prerequisites for Medflow V8.2:	
Medflow remote backup service running nightly	Recommended
Environment Inspection and Analysis	Recommended
All Medflow workstations running Windows 7	Recommended
Sign all unsigned charts prior to update	Recommended

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PUBLISHED REVISION HISTORY

Date	Version	Author	Changes/Comments
07/19/2016	8.2	Meredith Hill	New draft started
07/22/2016	8.2	Meredith Hill	Draft completed
09/29/2016	8.2	Meredith Hill	Addendum added
10/01/2016	8.2	Meredith Hill	Addendum added

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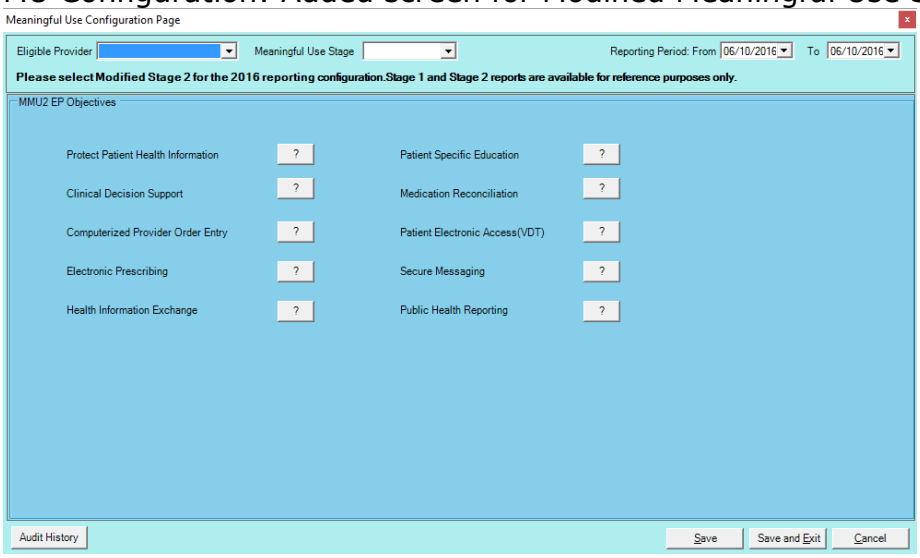
Meaningful Use Enhancements

Modified Meaningful Use Stage 2 (MMU2) Configurations and Report

See eLearning Documentation for MMU2 which contains detailed instructions.

- MU Configuration: Added screen for Modified Meaningful Use Stage 2.



- Removed CTRL+F1,F3 functionality from view report screen.
- In CTRL+F2 now loads MMU2 full screen.

EMR-4222 Add more subtypes for verifying orders-CPOE

OSC (Ophthalmic Scribe Certification) has been added as a sub type that will fulfill the requirements of a certified user. OSC should be added as a choice in the Option: CLINICIAN_SUBTYPE.

EMR-5284 Medication Reconcillation Changes

See eLearning Documentation for Medication Reconciliation Changes which contains detailed instructions.

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General ASC Enhancements

H&P

EMR-5193 Show ASC/Surgery|ASC H&P Only data in descending order and exam data according to selected date
H&P information will be populated in full on the ASC/Surgery H&P document and also on the ASC H&P only document. We will show ASC/Surgery|ASC H&P Only data in descending order and exam data according to selected date

General Clinical Enhancements

Documents

Softlink E_Faxing
Medflow has partnered with Softlinx to provide our customers with Clouding E-Faxing. This new functionality will allow offices to fax documents from Medflow without the need of additional hardware or software licenses.

Diagnosis Codes on Exam Documents
There has been a new feature added for the exam documents to generate both ICD10s and ICD9s. With the option below set, the corresponding ICD9s will show beside the ICD10s in parenthesis on exam documents.

OPTION: ICD9ANDICD10ONDOC
VALUE: Y
GROUPING: Dr Specific

MBEX Screen

EMR–5347 Add info to MBEX list
On the Pediatrics MBEX screen, "FLICK" and "PRISM" have been added to the top of the pick list in all columns. Also, updated the sequence for prism values.

Diagnosis/ICD10

EMR-5229 Option to have ICD-10 Radio Button added to diagnosis screen
An option has been added to have the ICD-10 radio button added back to the diagnosis screen. This option set to Y searches IMO and N searches The Coding Institute.

Option: IMOSearchActive

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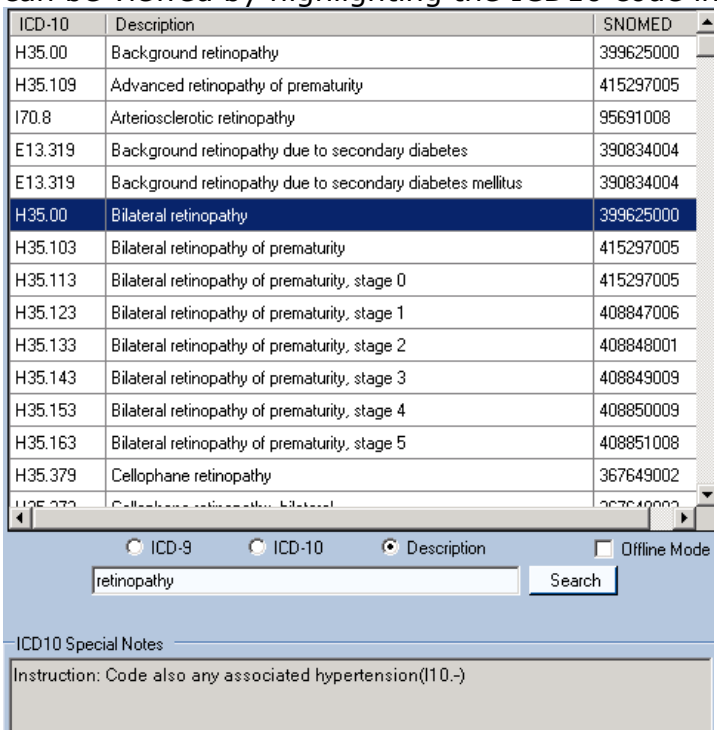
Grouping: NONE
Value: Y or N

**Please note, this option is only available in version 8.01.0500.1403 and above, however on these versions, the option MUST be added, even if it is set to 'N'. If the option is not set, there will be run time errors.

EMR-4829, NS 76360 Press "Enter" key when searching on DX screen
A new feature has been added that users can now select the "Enter" key on the keyboard when searching by ICD-9, ICD-10, or description on the diagnosis screen.

Special Notes for ICD10

There were reports that Special Notes were not displayed on the DX screen, however this was workflow related. Currently, all Special Notes including user added or system added can be viewed by highlighting the ICD10 code in the search box.



MISC

Audit Log Changes

Made changes to the audit log in Admin| Process Pt Data | Audit Log. These changes will show in MU_AUDIT_LOG table. The affected areas are:

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- Searching in DX screen
- Printing from F1/F2
- Copying a note in Progress Notes
- Updating a note in Progress Notes
- Deleting a note in Progress Notes
- Inserting a new note in Progress Notes

Multiple Images Not Printing When Selected
When selecting multiple images in View Clinical Images, not all selected images were printing. This has been corrected so that when multiple images are slected, they all print.

Digital Clock Added
A digital clock has been added to the clock screen for reference.

Query Tool Added a column in Medical exam
In Query Tool, under SingleScreenExam.Scm schema, we added 'Visual acuity uncorrected and left eye' column in the table "MF_medicalexams".

Contact Lens Data Sent to Portal
Added a new functionality so that if a patient requests contact lens details through the portal, we are able to send that information.

Education

Education Material With ICD10s
LDM Education Materials will now search for ICD-10 codes. The progress note will say "Education Printed: (ICD-10)"

VueCare Education
We have implemented VueCare media simulator tool into this version. A button has been added to the top of the education screen labeled "VueCare Education". When this button is selected, and there is a video available for that specific diagnosis, the user will be able to access videos and simulators that patients can view regarding their diagnosis and it they will show them progression of their condition. If there is no video, there will be a pop up stating "There is no video for the selected diagnosis". Contact support to be licensed to use these videos.

Education Material QR code
A QR code reader has been added to the education material screen.

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EMR-5367 Add Zoom in bar in draw tool
In draw tool, if the size of the image is too big, we are not able to see the complete image. We have added zoom in functionality to view the images in draw tool by using track bar to resolve this problem.

EMR-5346 Interpretations showing out of order
Interpretations were showing in interpretation column with left eye first. This has changed so that the right eye will show on top.

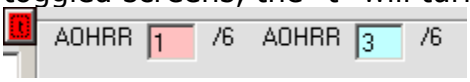
Removal of Education Button
There was a button removed from the Schedule Order screen that was not being used.

Exam Screens

Chief Complaint field character limit
The character limit for CC field has been expanded to 8000 characters.

EMR-5368 Add pop-up message while updating the status in SH screen
We have added a pop up confirmation message in the schedule order screen. For any order, while updating the status from pending completion to completed/cancelled using the Notes History button, a confirmation pop-up will display. If 'Yes' is selected, status will update and navigate to other page. If 'No' is selected, it will be in schedule order screen without updating the order status.

Changes to bottom of Single Screen Exam
The "t" area at the bottom of single screen exam to toggle between views has been enlarged. Also, when data is entered in a screen where that data pulls into one of the toggled screens, the "t" will turn red.



Glaucoma Exam Screen Performance
Improvements have been made to the Glaucoma Exam screen to improve speed and performance.

SCM Medications Import
A new button has been added to the Specialized Exam screen to import medications

EMR-5364 Add "Dr HPI" button to HPI Quick Entry screen
A button has been added to the bottom of HPI Quick Entry screen as 'DR HPI'. This is controlled by the following option:

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OPTION: DrHPI
VALUE: Y
GROUPING: Dr Specific

If the value is 'Y', and the provider is logged in, the button will be visible and yellow. It is not accessible if not a provider. If the provider clicks this 'DR HPI' after selecting the values from pick list, this data will be entered in to the HPI. On the exam document, if there is tech data and provider data, only the provider's will show. Also, on the HPI screen, a new view only feature has been added to the top right where HPI entered today will display.

EMR-5352 Add 'T' functionality in Glaucoma follow up
In the Glaucoma Follow Up screen, a "T" button for "Toggle" has been added for color vision tests. It functions just as the same button on SSE.

EMR-5353 Add page numbers to exam document pages
A new feature has been added so that when printing notes or letters, there are specific page breaks at the end of each page which specify page 1 of 4, page 2 of 4, etc.

Meaningful Use Resolutions

EMR- 5285 Cool down period
The cool down period for Objective 8 (Patient Electronic Access) Measure 1 (Online access to health information) has been changed to 24 hours.

EMR-5385 Numerator calculation for Objective 9
The number of patients where at least 1 secure message was sent will prompt the numerator to update. Includes replies and messages initiated by provider.

General Imaging Enhancements

Indication for Testing on Interpretation
A new field has been added to imaging interpretation screen labeled "Indications for Testing". The data entered here will also show on the interpretation document.

EMR-4119 CV5000s Interface

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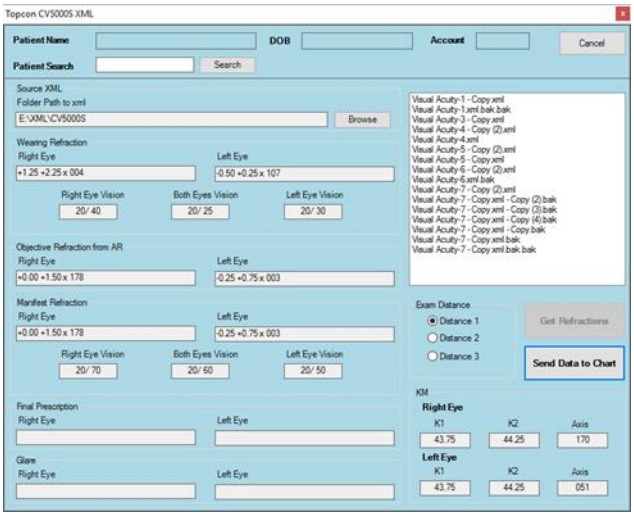
Added Vision fields for the existing CV5000S interface. This interface will process data from an XML file created by the CV5000S software. The XML may contain data from lensometer, auto refractor, or auto phoropter, or may be a combination of any or all of these devices.



General ASC Issue Resolutions

Name Display on Document When IV given
Previously, only the users "Shortcut" was showing on documents when an IV was given. This has changed so that now the entire name will show.

Anesthesia Times Missing Full Name on Document
The clinician's full name has been restored to the documents for Anesthesia Times.

ASC RN IV not showing on Pre Op document
When an RN was the user that documented an IV, the IV info was not showing on the document correctly. This has been resolved and all of the IV data will show on the pre op document.

General Clinic Issue Resolutions

Minor Procedure

NS 105093 Missing ICD-10 description from MP Op Note page
Previously, in the MP Op note creation page, the ICD-10 description was missing. This has been changed to include the description.

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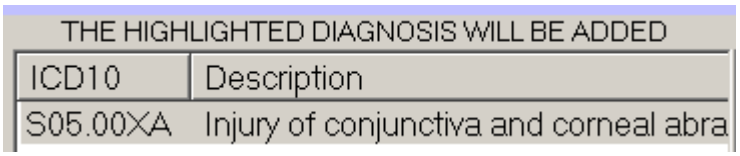

Pre/Post Op ICD10 on Medical Laser Procedure Document
When a Medical Laser Procedure document is created with Pre/Post op data, the ICD10s will show on the Laser Document.

NS 103062 Error with ICD-10s in Minor Procedure Configuration
There was an error when configuring minor procedures when adding ICD-10s as there was a 50 character limit. This field has been expanded to now hold 2,000 characters.

Contact Lens

Ordered Contact Lenses Not On Exam Document
An issue was discovered where only contact lenses ordered with the status of either "Pending" or "Good" were not on exam documents. This has been resolved so that ordered contact lenses, regardless of status, will show on exam documents.

Name Display on Contact Lens RX
Previously, only the doctor's "Shortcut" was showing on contact lens prescriptions. This has changed so that now the entire name will show.

Missing NPI number on Contact Lens RX
The NPI number has been restored to the contact lens prescription.

Spec RX

EMR-4894, NS 84719 Specs RX Generating Letter/Progress Note
When printing a Spec RX, a progress note was entered stating "Letter Prepared." This has been removed and creating a Specs RX will not populate the progress note.

K 3185 Specs RX Template Over Written
Previously, users had the ability to over write specs rx templates. This caused all RX's to show a the same patient's data, and not the patient selected. The template extension has been changed so that this will not occur.

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Schedule View

Errors in SV
An issue was discovered that special characters in schedule view were causing issues. This has been resolved.

Orders Radio Button Still on Completed
In tech orders, after updating the status from pending completion to completed ,the radio button was staying on completed. This has been resolved so that the radio button changes back to "pending completed" after processed.

MBEX Screen

EMR-5208 MBEX issue updating both grids
There was an issue where saving both distance and near vision in MBEX, it would not update accordingly in the MBEX screen. This has been resolved.

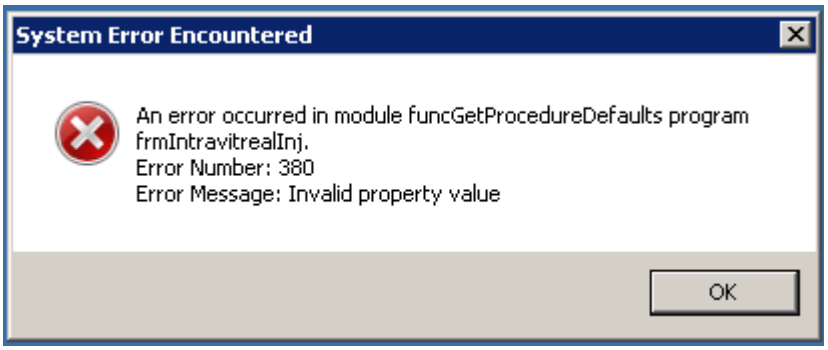
EMR-5265 MBEX Error
An error was occuring when using the MBEX screen if patients had more than 35 MBEX drawings. This has been resolved.

Medications

EMR-5231 NS 101904 Unable to refill meds through eRx
An issue presented where users were unable to refill ophthalmic medications. This issue has been resolved. Please note that once medications are refilled, the medication list will show as refilled, and the PLAN section of the document will display the medication as "Refilled".

Injections

Errors When Performing Injections
Errors were reported when performing injections. They are resolved. They are listed below for reference.



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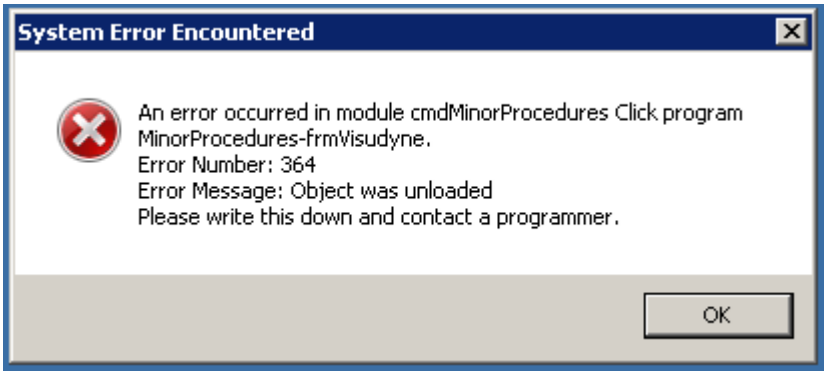

EMR-5224, NS 101287 ICD-10 Error when saving injection/laser document
An error had been reported that when a patient had an injection/laser done, there was an error for them not having an ICD-10. This has been resolved with a configuration change in the option for each procedure requiring ICD-10s. With this set, the ICD9, ICD10 and the description will populate on the document. Please note, that the ICD9 must always be configured in the option. If it is not, the diagnosis will not populate in the screen nor on the document.

Option: The option of the injection/laser (ex: RETINAL_PROC_AVASTIN_INJ)
Section: DX
Value: ICD9|ICD10|description (ex: 362.52|H23.10|Exudative AMD)

Injection Op Notes
Previously, when text was added to an already created op note that was linked to an injection, the addition would not populate on the injection screen or the op note. This has been changed so that if the injection screen is edited, the changes will affect future injection notes immediately.

Pop up in Injections

A pop up was showing when saving an injection. This has been removed.

Diagnosis/Billing

Drag and Drop problem
An issue was discovered when attempting to drag and drop ICD-10s to link with CPTs in the billing screen. This has been resolved and users are able to drag and drop ICD-10s.

Unspecified Eye Checkbox

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A checkbox has been placed on the diagnosis screen for unspecified eye. When this checkbox is utilized and a dignosis is searched, diagnosis with unspecified eye will show.

Account number not crossing in Billing when patient has multiple appointments
When patients had multiple appointments in one day, account numbers were not passing through billing. This has been resolved.

Diagnosis Screen Expansion

The diagnosis screen has been changed so that when searching diagnoses, if the description is longer than the field, it will wrap, not cut off.

NS 103636 Error when entering the DX screen
There was an error informing the user that there was a connectivity issue when accessing the DX screen. This has been resolved.

EMR-5232 Error in billing when provider interprets testing (images)
The following error: "Operator '=' is not defined for type 'DBNull' and string" was popping when the user entered the billing screen after an auto billed interpretation was completed. (OCT, HRT, FUN). This issue has been resolved.

NS 103636 Error when entering the DX screen
There was an error informing the user that there was a connectivity issue when accessing the DX screen. This has been resolved.

NS 104015 Billing Screen Error (Overload Resolution Failed)
There was an error when opening the billing screen that has been resolved.

PQRS Compatibility Issues
PQRS is now compatible with ICD10s. The workflow has not changed.

Billing receipts display
These were displaying the ICD9 for DX and will now show the ICD10 codes.

Billing report/detail reports display.
These were displaying the ICD9 for DX and will now show the ICD10 codes.

Billing Drop Down
An ICD10 Column was added for the Front Desk Check Out screen.

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Schedule View

EMR-5226 Option PROVIDER_AUTO_CHENKN_SCHEDULEVIEW causing issues
The new option in EMR-5102 was causing issues with workflow. This has been resolved.

Misc

NS 103062 Error with ICD-10s in Minor Procedure Configuration
There was an error when configuring minor procedures when adding ICD-10s as there was a 50 character limit. This field has been expanded to now hold 2,000 characters.

Allow linking of Op Note to Minor Procedure with ICD-10
Issues had been found when linking Minor Procedures with ICD-10s to Op Notes. This has been resolved. Please note that when ICD-10s are configured in "File Maint | Control File Maint | Table Maintenance | Minor Procedures CPT ICD9 Setup Table", they will automatically be linked with the corresponding ICD9s and will populate on document with the Op Note that has been configured in "Workflow File Maintenance | Progress Note Maintenance By Doctor".

ID	MINORPROCEDUI	MINORPROCEDUI	PROCEDURE_COI	PROCEDURE_COI	DEFAULT_ICD9_F	PROC	DEFAULT_ICD10_
1	0	CORNEA/CONJ...	0	65205	930.0|930.1|		T15.10XA|
2	0	CORNEA/CONJ...	1	65210	918.2|930.1|		S05.00XA|

Address on Contact Lens Documents Created in Optical
When creating contact lens documents from the optical module, the address was not reflecting the configured address. This has been resolved so that the address that is configured will be the address that shows on the document.

Exam Screens

EMR-5164 NS 98046 Use of semicolon in plan moves following text down
Previously, when using a semicolon ";" in the plan of an exam, the text entered after the semicolon would push to the next line on the exam document. This has been resolved so that the text appears as it is entered.

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Change in Oculoplastics Screen
In the oculoplastics screen, when the drop down beside the chief complaint box was selected, the drawing box was not showing correctly. This has been resolved so that the entire box shows correctly.

Oculoplastics screen overlapping
Some fields on the oculoplastics screen were over lapping. This has been corrected.

JIRA-5243, K 138 HPI out of order on Retina Exam Screen
An issue was discovered that the History of Present Illness (HPI) in the Retina Exam screen was not displaying correctly. This issue has been resolved.

EMR-5259 Security issue when using F10
When user logged in with F10 that was a lower user level than the user originally logged in, they still had security privileges of user that was originally logged in. This has been resolved.

EMR-5275 Diagnosis auto loading on SSE
There was an issue where diagnosis were loading as soon as SSE was entered has been resolved. Diagnosis will load after in the DX screen has been accessed and the "Reload Diagnosis" button has been selected.

EMR–5375 Duplicate info in MBEX screen
In the list of values, some were duplicated. These duplicates have been removed.

EMR-5351 Change "Glare" to "CST" /"BAT"on Single Screen Exam Document
An issue has been resolved where when the option to rename "Glare" was set to "CST", the exam document still read "Glare". This has been resolved so that when the option set to "CST" or "BAT", this text will show in place of "Glare" on the exam screen and the exam document

OPTION: GLARE_RENAMED
GROUPING: Doctor specific
VALUE: CST or BAT

EMR-5356 Error in Plan Choices screen
An error was occurring in plan choices screen when selecting "COPY TO WORK AREA" button. It is resolved.

EMR-5365 Display change for injections in F8
When an injection is recorded, the following inormation will display in Medflow Summary View, F8: Date, Injection, Eye, Diagnosis Desctription.

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Draw Tool

K8321,EMR-5271 Drawings missing from exam document.
If a provider's login was over 10 characters, drawings would not show on an exam document. This is resolved.

Documents

EMR-5242 "Show Exam Documents" Error
Selecting the "Show Exam Documents" button in MBEX would cause an error for some users. This has been resolved.

H&P Diagnosis truncated
When generating H&P's from Medflow, the diagnoses were being truncated after 6 characters. This has been corrected.

Roll Back Error
The "Roll Back" error that was received when merging charts has been resolved.

Clicking Header in Dx Screen Produces Error
When clicking on header in diagnosis screen error was populating. This is resolved.

EMR-5366 Injections display on exam document
When an injection was performed, the injection data was displaing in a poor order on the exam document. This has been resolved so that the information populates nicely.

EMR-5238 Wrong pt pulls up when F12 in patients in referral loop
When in the Dr Sign Screen, choosing a patient in the referral loop and then selecting F12, the wrong patient would pull up. This has been resolved.

General Imaging Issue Resolutions

Multi Page DICOM Printing
The user could not print out more than the first page of the Multi Page DICOM images. This has been resolved.

Images Printing Small
The issue found where images printing too small has been resolved.

EMR-5239 IOL Master printing issue

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When printing IOL Masters within Medflow, not all pages were printing. This has been resolved.

Addendum 09/30/2016

EMR-5417 Added filter for ICD10 in query tool
Added schema for ICD-10s in Query Tool "billing posted charges".

EMR-5379, Added ICD 10s in Cataract PO screen
In Cataract PO screen, ICD-10's will load instead of ICD9 codes.

EMR-5419 IOP not saving upon re-entry
An issue was reported that when re-entering an exam screen, saved IOPs weren't loading. This has been resolved.

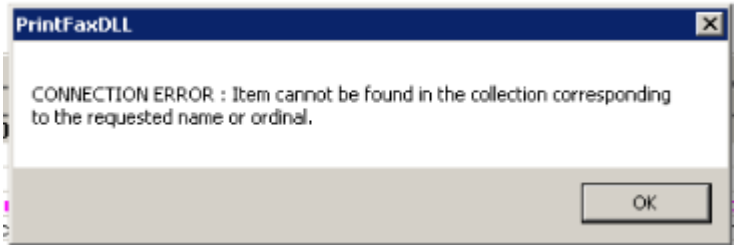
EMR-5069 Load prism in MR from SSE the way it is in the WR
Changed so that prism in MR loads the same as it does under WR. Prism will also carry over to SX screen.

EMR-4990 Dot at the end of line when using pencil in Draw Tool
In draw tool when using pencil, when mouse was released, extra dot appeared. This is now resolved.

EMR-5248 External Images are importing black
Some external images were importing black. This has been resolved.

EMR-5424 Change order of images and interpretations
The order of images and interpretations has been changed in View Images. Now the most recent shows on top and scrolling down will show you older ones.

EMR-5251 Error printing PN from CL
In the Contact Lens screen, while printing the PN there was an error. This has been resolved.



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EMR-5381 Billing choices missing
An issue was reported in billing that there were no choices to choose under the "grouping" column on the left hand side even though it is configured. The list of CPT values will loading based on the selection of grouping on left hand side.

EMR-5416 When OIPACS option is set to N, MU report #5 not updating.
When OIPACS option was set to none 'N', MU measures for Health Information exchange was not updating. This has been resolved.

EMR-5390 Dymo Label Printer Install/DYMO Label printer can't connect
There was an issue with printing label in Optical Inventory. This has been resolved.

EMR-5423, 5421 Linked codes in billing have to be "Force Billed"
An issue was reported that in billing that codes had to be forced billed. This is now resolved.

EMR-5392 Denominator for education material not increasing for MU measure
An issue was occurring that the denominator for education material was not increasing. This has been corrected and the denominator will increase when an exam is created and the visit is billable.

EMR-5393 Numerator for education material not increasing for MU measure
An issue was occurring that the numerator for education material was not increasing. This has been corrected and it will increase when education simulator is viewed, or education documents are emailed or printed.

EMR-5425 Option to use Final Refraction or Manifest Refraction on Specs Rx
An option has been created to allow providers to have either the final refraction or the manifest refraction default on glasses prescriptions. The option is below:

OPTION: DefaultToMR
VALUE: When set to Y, the MR will default. When set to N, default will be Final.

EMR-5420 MMU2 Objective 5 missing percentage total
On the Modified Meaningful Use 2 screen/report, the percentage total was missing for Objective 5. This has been resolved so that the percentage total now shows.

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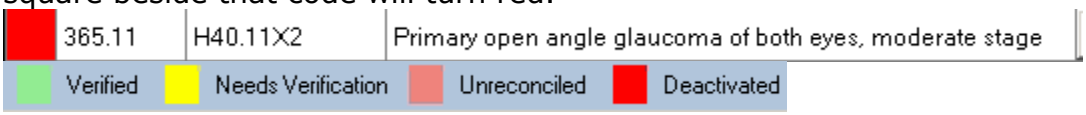
Addendum 10/01/2016

EMR-5445 Flagging deactivated ICD-10 codes

With the changes effective 10/1/2016 to ICD-10 codes, Medflow has implemented a new workflow for codes that have been deactivated. If a deactivated ICD-10 code is a current diagnosis for a patient, and is loaded into the chart with "Reload Diagnosis" button, the square beside that code will turn red.



Also, the user will not be able to "Save and Exit" from that screen without replacing the deactivated code with a new diagnosis that is active. There will be a pop up stating that there is a diagnosis code is no longer in use and to select another code.

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