IDEXX **Cornerstone***

Practice Management System

Cornerstone 8.3 NEXT Version 8.3.6 — Expanded Release Notes

Speed up your system and reduce errors

Cornerstone 8.3 NEXT aligns performance and power to give you faster, more reliable access to the client and patient information you need:

- Cornerstone runs twice as fast with 8.3 NEXT as it did with older versions.
- Reliability improvements mean fewer errors—including enhanced network stability, which handles short network disconnects so that -308 errors are virtually eliminated.

What else have we done in Cornerstone 8.3 NEXT? See the next page for additional updates and enhancements.

Before you upgrade

Upgrading to Cornerstone 8.3 NEXT, a 3-minute snippet video, walks you through the installation process.

IDEXX Reference Laboratories Directory of Services update

The Directory of Services has been updated for the IDEXX Reference Laboratories (US) so you can ensure that Cornerstone is ready for you to take full advantage of new profiles available as of March 2014.

Recommended computer specifications

Please check your computer specifications to get the most out of this release. For workstations and peer-to-peer servers, we recommend a computer less than 5 years old, with 4GB of memory, that is running Windows® 7 Pro or newer operating system. For more information, including details on dedicated servers and thin-client workstations, please see the Hardware and Operating System Guidelines.

Next steps

Want to request Cornerstone 8.3 NEXT? Use the online request form, and we'll get you queued up to receive a copy.

On a version before Cornerstone 8.3? Not sure? See Prepare Your Practice for 8.3 NEXT.

If version 8.3.6 has already been downloaded to your server through IDEXX SmartService* Solutions, follow these instructions to install now.

How long will it take to upgrade? Use the Upgrade Time Guide to estimate installation time at your practice.

Want to learn more? Highlights of Cornerstone 8.3 NEXT, a 30-minute webinar, shows you how the new release improves Cornerstone performance, and tells you what to expect when you install.

Additional updates and enhancements in Cornerstone 8.3 NEXT version 8.3.6

DATABASE STARTUP

- The Cornerstone database starts automatically when your computer starts up—you don't need to click a desktop icon to launch the database.

INVENTORY

- On the Edit Purchase Orders window, the **Remove from Order** button is available only for orders with a status of Sent or Not Sent. You can select an item and click the **Remove from Order** button to remove the item from the order. This button is unavailable for items with a status of Sent-Online, Closed, or Partial, and it remains unavailable after you print or close the order.
- On the Purchase Order List window, orders are listed by date and time stamp so that the most recent order appears at the top of the list.
- On the Receive Purchase Order window, you cannot post a receipt if the quantity received is zero.
- The Change Prices window that opens when you receive an order and post the receipt has been updated as follows:
  - Any changes you've made to the cost of an item on the Receive Purchase Order window are reflected.
  - When your order contains multiple items, the **Detailed pricing information** area displays information for the item selected in the list.

MEDICAL NOTES

- When you email a medical note or correspondence document that includes attachments, the email is sent successfully.

REFERRALS

- Referral summary reports do not overcount the number of visits. Also, they now show the number of new, recheck, and total visits when exported.
- On the **RDVMs** tab on the Patient Clipboard* window, all records are displayed.

REPORTS

- The client email address has been added to the Check-in Report, and you can set up the report to include client and patient notes.
  - Go to **Controls** > **Defaults** > **Practice and Workstation**, select **Check-in** > **Check-in Print Options** from the menu on the left, and select **Client Notes**, **Patient Notes**, or both.
- For the **Status** filter in the Diagnostic Codes Report, use the terms "active" and "inactive" rather than "1" and "0."

GENERAL

- When you post an invoice, if a line item on the invoice has a quantity of zero the price must also be zero. If not, you receive a warning message and cannot proceed until you correct the price. This ensures that the information in the Sales Tax Summary/Income Reconciliation—Closed Invoices Report is correct.
- You cannot use the following symbols in a patient ID: apostrophe ('), quotation mark ("), or equals sign (=). If you do, you receive a warning message and cannot proceed until you correct the ID.
- *Australia only:* Phone numbers on referral hospitals and doctors are formatted correctly.

List of updates and enhancements from previous versions of Cornerstone 8.3 begins on next page.

Updates and enhancements included from previous Cornerstone 8.3 releases (Cornerstone 8.3 Service Pack 2 through Service Pack 5)

Special update for Canadian practices only: To support the withdrawal of the penny from circulation, cash transactions are automatically adjusted to the nearest $0.05 as needed. This adjustment is made when the invoice is posted and is recorded in the client information on the Patient Clipboard.

- If a client gives you exact change for a cash transaction (for example, $20.53), Cornerstone records the payment and no adjustment is made.
- If a client rounds the cash transaction to the nearest $0.05 (for example, giving you $20.50 instead of $20.51), the adjustment is made and recorded.
- If a client gives you a larger amount, this adjustment is also made. For example, if the client gave you $21.00 in cash for a $20.53 transaction, the Cornerstone software would apply the rounding. Cornerstone displays $0.45 as the change to be returned rather than $0.47.

If you do not want this automatic adjustment as your default setting, please contact IDEXX Cornerstone Support at **1-800-695-2877** for assistance.

KEY UPDATES AND ENHANCEMENTS:

- A few hospitals have had to re-enter line items after an invoice closed abruptly. To address this issue, line items are not permanently removed from the Patient Visit List after transferring until you save or post the invoice.

INVENTORY

- You can use CTRL+D to delete items from inventory windows where applicable (in the same places that buttons like **Remove Item** or **Remove from Order** are available).
- If you use the Want List add an item to an order, when that item is already on the order, the quantity for that item is increased by the Want List amount (or the amount that you enter manually). Also, the Want List item is properly marked as completed.
- On the Want List window, when you select the **Not an inventory** check box, the text you can type in the **Description** box is limited to 40 characters, including spaces.
- Invoice item IDs with barcodes can be correctly scanned into the **Item ID** field on the Want List, Purchase Order, and Receive Order windows.
- If you clear the **Print purchase order notes** check box (at **Controls** > **Defaults** > **Practice and Workstation** > **Inventory**), notes are not printed when you print the Purchase Order.
- On the Search for Inventory Item window, if you search by item ID or description, each matching item is listed only once and the primary vendor is displayed in the Vendor column. If you search by vendor item ID, that vendor item ID is listed for any matching vendor. In the event two vendors use the same vendor item ID for the same item, you'll see the item is listed twice when you search by vendor item ID (once for each vendor).
- The Item Vendor Information Report prints all items for the filters you set up, even when the report is filtered to show only one vendor or if no phone number or contact person exists for a vendor. For vendors with multiple phone numbers, the first one listed appears in the Primary column on the report. If that number is deleted from the vendor's information, the secondary number displays in the Primary column on the report.
- For invoice items that have different reorder points for different time periods in the same stock location, the **Item Information—Stock Locations** tab displays the correct reorder point.
- On the Edit Purchase Order window, when you open a saved purchase order that contains multiple overstocked items, each overstocked item row appears in red text.
- On the Edit Purchase Order window, you can update quantity and price information only in rows that contain an invoice item ID.
- On the Edit Purchase Order window, when you save a purchase order, reopen it, and adjust quantities, any overstocked items display correctly in red text.

- On the **Item History** tab on the Edit Purchase Order window, the order creation date is maintained when the order is reopened and/or received.
- When you change the unit of measure (UOM) on either the Create Purchase Order or Edit Purchase Order windows, the appropriate changes are made to the unit cost and total cost.
- Throughout the enhanced inventory windows that were introduced in Cornerstone 8.3, if you cancel or close the window, a confirmation dialog box appears only if you've made changes on the window that you haven't saved. Otherwise, the window closes without further interaction.
- Each purchase order is assigned a unique PO number, even if someone else is creating a purchase order on your Cornerstone network at the same time.
- Searching for inventory item IDs will always find all relevant invoice items, even items that are drugs provided by a vendor other than the primary drug vendor.
- On the Receive Order window, you can update the tax amount for a received item and then post the receipt.
- For items that are set up in inventory with different buy and sell units of measure (i.e., the buy/sell ratio is not 1:1), the UOM printed on the order is the UOM you selected on the order.
- On the Purchasing List window, when you add multiple items to the Want List and include an item without an invoice item ID, you are prompted to create an invoice item ID for that item and returned to the Purchasing Work List.
- On the Purchasing Work List window, if you select multiple items and include an item that is not linked to a vendor ID, in the **Add to Order** area, the **Vendor** drop-down list is cleared and the **Add to Order** button is unavailable. You can select a vendor that applies to all the selected items and proceed with adding the items to the order.
- On the Purchasing Work List window, quantities are shown as whole numbers, not decimals.
- On the Purchasing Work List tabs, when you select an item, the vendor for that item appears in the Add to Order area on the right.
- When you create a want list item, and then transfer it from the Purchasing Work List to a Purchase Order, the Want List Report shows the quantity for that item with the sell UOM, the unit cost per sell UOM, and the correct total cost.
- If you add several want list items at the same time to an existing purchase order, the buy UOM and buy quantity are shown, no matter what the buy/sell ratio is.
- On the Create a Purchase Order window, when you manually update the cost with a number that extends to four decimal points (often used when matching a price to a vendor invoice price), the Cornerstone software retains four decimal places through receiving the order and only rounds the final total amount.
- When you open the Purchase Order List window, the purchase orders are shown from newest to oldest.
- In situations where an order comes in as two or more partial orders at different times, you can receive some of the items and post the order. You can return to the order (which has a status of Partial) later and create a receipt for the remaining items. All items display properly in the Receive Purchase Order window.
- On the Receive Purchase Order window, when you change the status of an order to Received, the paperclip icon is available in the Notes column. After you add a note, the paperclip icon changes to a note icon and the note is saved.
- On the Receive Purchase Order window, you can use the **Remove Item** button to delete items that you have manually added on this window but not items that were already on the purchase order.
- On the Receive Purchase Order window, if you make changes and don't save them before selecting another open receipt or clicking **<New receipt>**, you are prompted to confirm that you want to close the window without saving. In addition, the buttons on the window now behave as follows:
    - The **Receipt Item Details** and **Receive All** buttons below the grid are available only if there are items in the grid.
- The **Save** and **Post** buttons are available after you enter a new receipt number and press TAB.
- When you post an order from the Receive Purchase Order window:

- The order posts correctly, even if the Receipt Number is more than 10 digits or the cost uses several decimal places.
- The Receipt Number must be filled in before you tab away from that field on the Receive Purchase Order window.

- Clicking **Post** on the Change Prices window works as expected, and prices are updated if you have set up that inventory item so that the price is autocalculated.
- If you are set up for single-location inventory, you are able to record internal stock usage, even if you have not set up the Cornerstone system to track quality on hand for that item.
- If you are set up for multi-location inventory, suggested items are shown correctly on the Purchasing Work List window, even when location groups are used.
- When you create or edit purchase orders on the enhanced versions of the inventory windows, item costs are shown to two decimal places.
- On the Purchase Order List window, when you view and close a purchase order, you are returned to the last page you viewed rather than the first page.
- When you add want list or suggested items to an order from the Purchasing Work List window, when you return to the Purchasing Work List window, the items are properly marked as completed.
- On the Purchasing Work List window, the following changes related to quantity have been made:
  - When you make changes to the quantity or unit of measure for a want list or suggested item while adding the item to an existing order, the quantity is correctly updated on the purchase order.
  - When you change the quantity of a suggested item so that it's beyond the reorder point, the quantity is correctly updated and appears in red text on the purchase order.
- On the tabs of the Purchasing Work List window, the Over/Under, Reorder Point, and Overstock Qty columns display correctly. (However, you may see empty columns in situations where you set up multiple reorder points for an item that has a location associated with a group.)
- On the enhanced version of the Search for Inventory Item window,
  - Inactive items are marked with an "(I)" at the end of the item description.
  - If you select or deselect the Search for a word check box, that setting is remembered the next time you open the window.
- If you have multi-location inventory set up, setting up reorder points for the same item in different locations does not cause the item to appear to be overstocked.
- From the Receive Order window:
  - If you choose to cancel an invoice item on the purchase order you're receiving, no errors will occur, no matter how you close the dialog box that asks about saving changes.
  - If you click **Receipt Item Details** and then click **Done** when you've finished entering information, no errors will occur, no matter how you close the confirmation dialog box.
- For purchase orders created with Cornerstone 8.3 Service Pack 4 or later, on the Receipt List window, you can receive an order created from an unmatched order that includes an invoice item with no buy/sell ratio. Also, attempting to receive an unmatched order of this type will not block receipt of other purchase orders for that vendor. If you have older unmatched orders (created prior to Service Pack 4), use the Purchase Order List window to receive the orders.
- *Australia only:* The Goods and Services Tax (GST) is correctly added during inventory receiving.

IDEXX SmartOrder* electronic inventory ordering

- Improvements have been made to search capabilities for the Suggested Item List window that opens when you create a purchase order with MWI® Veterinary Supply as the vendor and add an unlinked invoice item ID.
- Once an order has a status of **Sent-Online**, the **Remove From Order** button on the Edit Purchase Order window is unavailable and you cannot use CTRL-D to delete it.

- When you're reconciling (synchronizing) an unmatched order, if an item on that order is unmatched, you can match it to a Cornerstone invoice item ID. This process works whether or not that invoice item ID is linked to any other vendors.
- For online ordering, special price notification works consistently and the prices reflect price breaks correctly.
- When you select **Weblinks > MWI** from the Cornerstone menu bar, the MWI® Veterinary Supply website opens.
- When you set up IDEXX SmartOrder solutions, you need to enter the Associated Cornerstone Vendor and Customer Number fields only once.
- On the Search for Inventory Item window, when you search on words that are in a description, the search results have been improved so that the best matches are more clearly at the top of the list.
- When you are using the Suggested Item List window to link a Cornerstone invoice item to the vendor item ID, the columns in the vendor item table are properly sorted when you click the Vendor Item ID header.
- If you have set up inventory using location groups, and you have different reorder points set up for a location within that location group, all columns display properly on all of the Purchasing Work List tabs.
- On the Order list window, orders are shown in red only when they contain items that have not been linked to vendor item ID numbers.
- If you use the Suggested Item List dialog box to link items that had not yet been linked to a vendor ID, when you return to the purchase order, a confirmation dialog box will appear if you click **Cancel** without saving first.
- If you click **Cancel** on the Create Purchase Order window, the quantity is shown correctly on the purchase order.
- If you have more than one want list entry for the same inventory item, all of the entries for this item are marked as completed when you place an order that includes that item. If you have set up your Cornerstone system to automatically delete want list items when you place an order, all the entries are removed when you place an order including that item.
- If you print a purchase order from the Edit Purchase Order window, you are returned to that window after you print.
- On the Unmatched Purchase Orders window, the process of synchronizing an unmatched order works properly.
- On the Receive Order window, you can post receipts for online orders.
- If you receive an order that contains some backordered items, and you record the backordered items on the Receive Purchase Order window, you can save and post a new receipt for that order later.

Automated inventory management system with the Cubex® System

- *Cubex® users only:* If you dispense an item from your Cubex system and mark it as waste, that item is not shown on the Patient Visit List and the client is not charged for it.
- The Cornerstone software periodically checks on communication with the Cubex system. If any information was not received successfully by the Cubex system, it is resent.

REPORTS

- The Report Search page has been enhanced so that it returns more useful results when common report-related search terms are used. Also, search tips have been added to the hint text on the right side when you first open the window.
- The Equine Treatment Report, when saved to a file, now includes invoice type.
- The Controlled Substance report, when printed, now includes patient species and breed.
- Daily (End of Day) staff commission reports do not produce errors.
- When you use the Compliance Assessment Tool*, results are returned correctly when you use an Alternative Search.
- When you use the Client and Patient Report Builder, printed reports and reports that are saved as .csv files show clients for whom all patients are inactive or deceased.

TELEMEDICINE

New telemedicine features

- **Create a telemedicine case with a single click.** Choose an image, series, or study in your Cornerstone system, and then click the new **Send Telemedicine** button. Cornerstone creates the case and opens your telemedicine provider's website so you can complete the submission.
- **Quickly update case status.** The Case Detail dialog box now includes a **Refresh Case** button. Click the button to retrieve the most recent case status from your telemedicine provider.
- **Import missing cases.** If you've submitted a telemedicine case through your provider's website but the case information has not been downloaded to your Cornerstone software, select **Activities>Imaging>Telemedicine Queue**, click the new **Import Missing Case** button, and then enter the case ID. Cornerstone finds and downloads the case information.
- **Create a case without selecting an image.** Because not all telemedicine requests involve images, the New Case button is now active, even if you haven't first selected an image. You can easily create cases for nonradiology consultations, such as cardiology.

Additional telemedicine enhancements

- Image upload has now been prioritized. The Cornerstone system uploads images for stat cases first, followed by images for routine cases.
- A patient birth date is no longer required for telemedicine cases.
- Multiple copies of an image are not uploaded to a telemedicine provider. Also, Cornerstone won't try to upload images after a case is canceled on the provider's website.

LABORATORY FEATURES

- If you open the Detailed Lab Results window for an orphan result, the **Call Back** button is not available.
- The Schedule a call back window opens properly from the Detailed Lab Results window.
- If you have set up the Cornerstone software to use the billing staff on laboratory requests, laboratory requests created by special actions will use the billing staff member.
- In the IDEXX Message Center:
  - You can double-click a laboratory alert to view the laboratory results.
  - All lab results appear on the Lab Alerts tab, even on days early in a new year.
- The IDEXX Message center icon appears in red and black when new results are received from any of the following:
  - IDEXX VetLab Station
  - IDEXX Reference Laboratories in:
    - The United States
    - Canada (East or West)
    - Australia

IDEXX In-house Laboratory

- Urinalysis results are brought into the Cornerstone software as expected.
- If you have orphan results from your in-clinic laboratory, you can click **Post Orphans** to open the Post Orphans window and automatically assign the orphan results.
- If you resend a result from an IDEXX VetLab Station the results are displayed in Cornerstone.
- Results from the IDEXX Coag Dx* Analyzer are not imported improperly as non requested results.
- Support for new tests and features coming soon for IDEXX VetLab analyzers.

- If you're using the IDEXX VetLab* Station with IDEXX SmartLink* technology, results for VetStat* tests fulfill the profiles for which the tests were requested.

IDEXX Reference Laboratories

- The LabREXX* ID appears on the Practice Information window, although in a slightly different location than it did in Cornerstone 8.2 and earlier.
- CBC tests results from the Eastern Canada IDEXX Reference Laboratory do not appear in the Cornerstone software improperly as not requested results.
- Results of tests that are run at no charge by the IDEXX Reference Laboratories will no longer come into Cornerstone as Not-Requested results.
- Laboratory results that don't have reports are displayed directly in the Detailed Lab Results window—the Detailed Lab Results Set window with multiple tabs appears only when you have a report for your results or if you have IDEXX VetConnect* PLUS.
- Results for the Lab 4Dx* Plus Test with Reflex Lyme Quant C_6* Test (if Indicated) come through as expected.

Antech Diagnostics® laboratory module

- The AC100 Accuplex™ 4 test is support for both the Antech East and Antech West reference laboratories.
- Results are imported correctly into multi-location single-database systems, even when the client and patient are at a location that isn't their default (home) practice.
- The latest directory of services information is available in the Cornerstone software.
- Connections with Antech OnLine work even if you have entered a space at the end of a field of login information when you set up the Antech Diagnostics laboratory module in Cornerstone.
- Microbiology comments are included for aerobic culture and microbiology results.
- Results for CBC and Absolute Basophils are imported completely.
- Results are no longer marked as pending once they've been received by the Cornerstone system.
- When you first set up an Antech reference laboratory, the Test button works correctly and your password is obscured as you type.
- For practices using the western Antech® reference laboratory, hematology results are received correctly.
- When you set up the Antech® Diagnostics module for online test ordering and automatic result download, the configuration window is not sensitive to stray spaces entered with the login information.
- If you set up the Cornerstone system so that results from an Antech reference laboratory are automatically posted on the Patient Clipboard*, the results will appear regardless of whether the Require requests check box is selected. (The Require request check box is found at Activities>Lab Work>Laboratories>select laboratory>Update.)

Abaxis® Analyzers

- Abaxis® VetScan® HM2 and HM5 analyzers can now be connected to your Cornerstone system via a USB connection.
- For practices using Abaxis VetScan Classis and VetScan VS2 systems, thyroid-related tests come into Cornerstone as not requested only when they are not requested.
- Supports results from the new VetScan® Kidney Profile Plus rotor for the Abaxis® VS2 (software version 2.1.33).

Heska® Analyzers

- Results from Heska® VitalPath® and Element DC™ analyzers can be downloaded into Cornerstone.

COMMUNICATIONS (Fax and Email)

- The Communications Log window displays all email and fax communications; previously, it could display a maximum number of approximately 32,000.
- If you open an email or fax communication from the Patient Clipboard*, the item still appears in the patient's history after you close the Communications Log window; you no longer have to reset to the filter to be able to see the item again in the history.
- On the Communications window, the **Staff** box must contain a staff ID to send an email or fax communication.
- If you decline the IDEXX Faxing Service agreement (under Communications–Fax on the Practice Information window), the **Fax** area on the Communications window is unavailable.
- On the Cornerstone Editor window, the **File** > **Send Document** option is unavailable for voided correspondence documents and medical notes.
- On the Communications Log window, the **Patient** filter works correctly—type one or more letters in the box to search by name.
- If you include a practice logo on your documents and the logo file is corrupt, when you send a fax with a cover sheet, the fax will be sent with no logo. To include the logo, upload a new file. (To add a logo, from the menu bar, select **Controls** > **Defaults** > **Practice and Workstation** > **Invoices** > **Invoice Address**.)
- When you print or add a document to a patient's record through Patient check in/out, Diagnosis, or an invoice item special action, the staff ID confirmation dialog box must be completed; to close the dialog box you must enter an ID and click **OK**.
- On the Patient File window, email and fax communications appear in the patient's history.
- When you use the IDEXX Faxing Service to send a fax, if you clear the Include Cover Sheet check box, the cover sheet is not sent.
- When you export the Communications Log to a file with the .csv format, information in the Reason and Date Sent fields is exported correctly.
- When you view the Communications Log from the Patient Clipboard*, the Date Sent range specified at the top of the window matches the results displayed.
- When specifying SMTP email settings, you can now use email addresses that start with numbers.

Email

- When you successfully resend a failed email communication, the information for the item on the **Summary** tab on the Patient Clipboard window is updated to remove the word "Failed" and to change the color of the entry text from red to black. All original correspondence data remains the same, including the date.
- When you email a medical note or client correspondence document, staff IDs that are three characters long are saved properly in the log and patient history.
- When you send an email from the Communications window, you need to include a subject line and name.
- When you send an email with attachments, the attachment file names are preserved.

REFERRALS

- If you assign a referring veterinarian (RDVM) and hospital to a patient, you can view this information in the referral history (accessed from the **Referrals** tab in the Patient Information window). Also, if you use bookmarks to include RDVM information in medical notes or correspondence, the RDVM information always prints.
- You can edit or add work phone numbers and other information for referral hospitals.
- When you send an email or fax, the only email addresses and fax numbers filled in by default are those for the primary veterinarian and any veterinarians marked as "This Visit."

- On the **Referrals** tab of the Patient Information window, if you're selecting a doctor to add them as a referral doctor for this patient, type the first letter of the last name in the **Doctor** box and the first doctor whose name starts with that letter is highlighted in the drop-down list. Either continue typing the name, or type that letter again to see the second doctor whose name starts with that letter. Press TAB to select the highlighted doctor.
  - For example, if you have a list with Dr. Maxwell and Dr. Mays:
    - When you type "m" once, you highlight Dr. Maxwell. Type "m" a second time for Dr. Mays.
    - When you type "ma," Dr. Maxwell is highlighted. Add a "y," and Dr. Mays is highlighted.
- Emails and faxes are sent to referral hospitals without unneeded messages appearing.
- If you are sending an email and a fax from the Cornerstone software, the fax will be sent even if the email cannot be sent successfully.

INTEGRATED PAYMENT SOLUTIONS

- If you are using electronic signature capture for the integrated payment solution with XCharge® processing developed by Accelerated Payment Technologies™:
  - Payments are applied and are shown properly in account receivable by provider calculations.
  - No processing delays occur when processing credit card and debit card payments.

CONTROLLED SUBSTANCE EXPORT

- You can export controlled substance information for state reporting in the ASAP 4.1 or ASAP 4.2 format. You need to set up some additional controlled substance information that will appear in the report headers and footers; see these instructions for details:
  - ASAP 4.1 instructions
  - ASAP 4.2 instructions

PATIENT VISIT LIST

- If you add a departing instruction to the Patient Visit List, the instruction is cleared from the Patient Visit List when you create an invoice.
- If you transfer an item from the Patient Visit List to an invoice, and then create a prescription label for that item, the item does not reappear on the Patient Visit List.
- If you delete an imaging request from the Patient Visit List, it is shown on the Daily Patient Visit List Entries reports.
- Items are not duplicated on the Daily Invoicing and Patient Visit List Entries reports or Daily Invoicing and Patient Visit List Totals reports.
- When the Patient Visit List appears in view-only mode, buttons on the right that don't apply when you're only viewing (like Special and Transfer) are unavailable.

MEDICAL NOTES AND CORRESPONDENCE

- If you have a medical note open or minimized, and you reopen the same medical note from the Patient Clipboard window, the copy of the note that you already have open is displayed in the Cornerstone software; a second copy is not opened.
- When you open a medical note that you had saved, it opens without displaying any error messages.
- When you send a medical note as an email, the medical note is sent as a PDF and you can view it from the Communications Log window.
- When you preview a medical note on the Patient Clipboard, if the medical note file cannot be found, Cornerstone displays an error message, allowing you to continue to view patient information.
- Existing medical notes and correspondence can be reopened without error, even right after they have been closed.
- If you try to resend a correspondence document after other correspondence has been created, the intended document is sent as expected.
- Medical notes that involve pick list items are not duplicated and can be created without errors.

- If a medical note or how-to document contains an image, you can double-click the image to open it.
- Large medical notes do not flicker on the screen, even when viewed on computers using certain versions of Windows®.
- On the Communications Log window, the From and To dates are displayed correctly when the **Only failed rows not successfully resent** check box is selected.

IMAGING

Image Explorer and image viewers

- The Image Viewer now displays all thumbnails for a **study**, not just for a series, making it easy to review all related radiographs without leaving the Image Viewer window.
- When you crop or rotate an image, the image thumbnails now correctly reflect these changes.
- Defects were corrected that prevented ultrasound videos from running in the viewer and that prevented images from being added from the viewer to an existing telemedicine case.
- A defect was fixed that caused the Cornerstone software to close when cloning an image created with Cornerstone version 8.1 or earlier.
- After the Image Explorer displays a patient record from the DICOM queue or a client record from the Imaging Dashboard, Quick Search is available on the Image Explorer.
- Defects were fixed that prevented the use of Quick Search on the Image Explorer after the Image Explorer had displayed a patient record from the DICOM queue or after it had displayed a client record from the Dashboard.
- When you import files using the Open menu on the Image Viewer, you can now select multiple files to import at the same time.
- The Patient CD Image Viewer opens correctly on Windows® 7, 64-bit computers.

Image capture

- Fractional mAs values are no longer truncated on the image capture window. The complete value is now displayed.
- If the image capture portion of your Cornerstone software installed separately on your radiology workstation, you can fulfill an image request from the IDEXX Cornerstone Practice Management System, even if the request is missing the patient date of birth. Previously, the capture software displayed an error when this data by Cornerstone was missing.
- If you remove the last shot in an exam group, the first shot in the next available group is now highlighted. Previously, the first shot at the top of the exam tree was highlighted.
- DICOM files are properly imported into the Cornerstone system in all cases.
- Additional miscellaneous shots are no longer added to the shot tree when you try to review a previous shot.
- If you have the image capture portion of your Cornerstone software installed separately on your radiology workstation:
    - Images are captured even when the patient record in Cornerstone does not include a birth date or age.
    - Image requests that are made through a special action show up properly in the capture software.
    - The Reprocess tool has been added to the Image Capture window and the Image Viewer window. This tool allows you to modify the image processing applied to an image.
    - Online help for the capture portion of the software includes a search feature.

Additional imaging updates and corrections

- Images can be successfully emailed from the IDEXX I-Vision Mobile* application.
- Scan time for the IDEXX I-Vision CR* scanner has been improved. Image upload now begins immediately after the image is captured, instead of being delayed until the screen is erased.

  Note: Although the image is available, the cassette is not ready for reuse until it has been erased and ejected by the scanner.

- Cornerstone software now supports .png files for both import and viewing. The files are no longer converted to .jp2 format.
- The Imaging Dashboard now sorts all recent studies in descending order by date and time.
- A defect was corrected that sometimes caused the image archive to return the wrong images for a specified date.
- If you create a telemedicine request in Cornerstone and receive a report back, and then you later receive an updated report, the updated report is displayed.
- Images are now identified by a globally unique instance ID. The unique ID eliminates the possibility that an image sent to another system could be interpreted as a duplicate of an image on that system.
  - Defects were fixed that caused a "Java Null Error" to be displayed when DICOM images were imported in Image Explorer or when Advanced Search was used with certain search parameters.

IDEXX I-Vision Mobile* application

- The To and Subject headings are now displayed correctly on the email message box when you send an email from the mobile application.
- When you add a text annotation to a rotated image, the annotation is now oriented correctly.
- The user license for the mobile application now allows only the approved number of users to log on at the same time.
- Better image loading. A problem has been fixed that sometimes prevented images from loading properly.
- A smoother, faster "pinch and zoom." Previously, some customers reported slow "pinch and zoom" speeds.
- Annotation improvements. A defect has been fixed that caused intermittent problems using the annotation tools.
- Image viewing on the iPad 3. A defect has been fixed that prevented images from being displayed on the iPad 3.

DICOM® Features

- DICOM® images are now always sorted by acquisition time in the Image Explorer.
- You can now match images to patients based on patient ID alone. On the Cornerstone server, go to **Controls> Defaults> DICOM**, select **Local Server** in the left panel, and then select **Patient ID** at the bottom of the dialog box.
- Images in the DICOM drop folder that have an invalid or missing date of birth can be imported successfully into the Cornerstone software.
- Defects were corrected that:
  - Prevented the importation of DICOM files created by certain third-party programs.
  - Prevented the Cornerstone software from sending the correct original version of radiographs that had previously been imported into Cornerstone.
- Caused the patient weight to be missing from some DICOM files.The DICOM® print and batch print features have been removed from the Cornerstone software.
- The exposure index value and the patient weight are included with DICOM images.

VITAL SIGNS

- Weights added or updated on the Check-in window appear properly on the Patient Clipboard.
- Weights and voided weights are displayed correctly on the Whiteboard, and on the Print Preview windows when you preview an estimate or an invoice.
- Vital signs can be entered for inactive patients. The Cornerstone software will alert you that this is an inactive patient, and give you a choice of saving or canceling the vital sign entry.
- When you open the Vital Signs window from the whiteboard, it displays the correct time.
- Vital signs save without time-related error, even when your workstation is set to a different time than the Cornerstone server.

- For vital signs
  - Voided vital sign information does not show up in imaging cases.
  - When vital signs are opened from the Whiteboard, vital sign information is not intermittently copied from other patients.

GENERAL

- End of Day processing runs more quickly, particularly for practices where the day's invoices involve a large numbers of clients and patients.
- If you change a patient's weight as part of the check-out process, the updated weight is saved.
- If you have set up the next appointment scheduling reminder feature, next appointment scheduling alerts will not appear for patients who are inactive or deceased.
- Response time on the Patient Clipboard does not slow down for patients with large numbers of referral communications.
- When you click **Web Links** in the menu bar, the drop-down menu includes a link to the IDEXX Learning Center, which contains training material to help you learn to use a wide variety of Cornerstone features.
- For exporting controlled substance information:
  - On the Controlled Substance Export Information window, the Cornerstone software will notify you if you attempt to make an invalid entries Export Information table.
- If a prescription label does not have an instruction ID and instructions, the related fields on the Prescription Information window are left blank.
- When you complete a scheduled treatment on the Electronic Whiteboard window and set it to display using completed time, the treatment time continues to display the completed time when you reopen the treatment later.
- On the Patient Owner Information window, if you set the **Ownership percentage** to 0 but don't also change the status to **Past** before you click **OK**, a dialog box is displayed to ask if you want to mark the owner as past. If you select **Yes**, the status is changed to **Past**.
- The database update process (csupdate) process that you run as part of upgrading Cornerstone completes without errors.
- Cornerstone performance is not slowed on networks that include very large numbers of thick workstations.
- The Cornerstone system doesn't pause right after you log in, even on networks that use certain kinds of firewall software.
- On the Practice Information window, options that are not available in Canada and Australia have been removed from the Account Information For box for practices in those countries.
- For rabies tags:
  - You can reissue rabies tags without a delay in Cornerstone response.
- You can update or correct rabies tag information from the Patient Information area on the Patient Clipboard. For Australian practices, when cash transactions are automatically adjusted correctly, up or down, to the nearest $0.05. This adjustment is made when the invoice is posted and is recorded in the client information on the Patient Clipboard.
- When performing an appointment purge, clients and patients with future appointments or boarding reservations are not purged.
- The data purging process runs without problems.
  - In rare situations where a patient is created and marked deceased on the same day, and is never invoiced, the Cornerstone system retains records so that legal requirements around the retention of records for deceased patients can be fulfilled.

- On the Electronic Whiteboard:
    - For practices that operate 24 hours a day or overnight, you can complete a treatment late on one day that is scheduled early the next day. For example, if you have a treatment scheduled for midnight on Friday, you can complete it at 11:00 p.m. on Thursday. This is enabled if you have configured the whiteboard window to show 3 hours for the next and previous days.
- The Practice Information window (**Lists** > **Practice** > **Update**) allows you to enable the IDEXX Faxing Service, set up login information for IDEXX SmartOrder* solutions with MWI® Veterinary Supply, and set up SMTP email.
- Invoice item totals shown in Medical Notes now include tax and discounts, so they match the invoice item totals shown on the Patient Visit List.
- On the Patient Orders window, the Supervising and Current Care text boxes accommodate three-letter staff IDs in all cases.
- Long invoice item names no longer prevent whiteboard notes from being hidden in the Patient Clipboard* history area when you select Hide Whiteboard Notes.
- On the Daily Planner Diagnostics tab, the "Other types to include" check boxes correctly control which lab results are displayed.
- In a multi-location, single-database configuration: You can add holiday defaults and practice hour defaults manually to any practice and the defaults are reflected on the schedules for all practices. This is not affected by changing which practice is assigned as the primary practice. Once defaults are set, the Cornerstone software will alert you if you attempt to schedule during a time period that is set as holiday time or is outside of the practice hours.
- On the Check-in report, diagnostic codes and communications print or do not print correctly based on the settings you've configured at **Controls** > **Defaults** > **Practice & Workstation** > **Check-in** > **Check-in Print Options**.
- Estimates are emailed properly even in cases where the Cornerstone program is not located in the Cstone directory.
- Online help related to the Electronic Whiteboard has been restored, and updated versions of the *IDEXX Cornerstone Diagnostic Imaging User's Guide* and the *IDEXX Cornerstone IDEXX Canada East/West Reference Laboratory Guide* are available from the Windows® start menu under **Start** > **Programs** > **Cornerstone** > **Training Files—Print Based Courses**.