Release Notes

Axiom Clinical Analytics
Version 2022.2

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About the Release Notes

Syntellis is pleased to announce the 2022.2 release of Axiom Clinical Analytics. Each product release provides new features, enhancements, and configuration options to meet your needs. Many of these features and enhancements are a direct result of your feedback and suggestions.

The purpose of these release notes is to provide you with the following:

- High-level descriptions of new features
- Information to know before upgrading
- Steps for preparing for and scheduling your upgrade
- List of fixed issues

> **TIP:** Periodically, the release notes are updated when new information is available, including patch release fixes. To view the latest release notes, we encourage you to view them in the Axiom Clinical Analytics online help found in the Online Training Tools section.

New features in 2022.2

No new features were introduced in 2022.2.

Issues fixed in 2022.2

The following table lists resolutions for issues addressed in 2022.2, released on August 15, 2022:

Issue	Description
Drill into details from LOS/Two Col Section retains Measure Filter settings [19301]	**Summary:** After drilling into details from the Length of Stay (LOS) or Two-Column sections, all applied settings were reset for subsequent drill attempts, except for Measure Filters. **Resolution:** Reset the Measure Filters so that they disappear, which is similar to the rest of the applied settings for each subsequent drill-in.
Summary Bar graph analysis section of PPE is missing many patient safety measures (PSIs, HACs). [19304]	**Summary:** The Bar Graph Analysis section of Personal Protective Equipment (PPE) didn't allow users to select all Patient Safety Indicators (PSI) and Hospital Acquired Condition (HAC) measures. **Resolution:** Updated the code that finds any available measures. Users can now select from all the PSI and HAC measures. The Bar Graph Analysis measure adding table is now the same as the Measure Analysis measure adding table.
PPE/Facility Reporting-Reporting Files Tab - selected physician/facility doesn't show up as selected in the pretty table [19308]	**Summary:** On the **PPE Files** tab, if users selected a physician, and then opened the physician selection pretty table again, the selected physician was not selected in the pretty table. This behavior was the same as in facility in Facility Reporting. **Resolution:** Added logic so that when users select a physician or facility using the Edit (pencil) icon, that physician or facility appears in the table even if users did not save their selection.

Issue	Description
Replying to a long annotation in PPE/Workflows in a small screen cuts off editing box and save/reply/cancel buttons [19310]	**Summary:** When users replied to a long annotation in a PPE/WF review process on a standard laptop-size screen, the editing box and/or **Save** and **Reply** buttons were not accessible. **Resolution:** Adjusted the page size for scrolling to include the **Save** and **Reply** buttons without having to change display settings when using a laptop or smaller monitor.
ScorecardsController deleteCustom() checks user ID after deleting Scorecard [19318]	**Summary:** The ScorecardsController deleteCustom() method prevented users other than the Scorecard's owner from deleting the Scorecard. However, the user ID check was made after the scorecard was deleted, and the Scorecard was deleted unexpectedly. **Resolution:** Prevented users other than the Scorecard's owner from deleting the Scorecard, including custom Scorecards.
Removing last Detail Template causes error in Scorecard Sections [19336]	**Summary:** Deleting the last Detail template for a section caused that section to break, and an error message to appear. **Resolution:** Enabled users to navigate back to Scorecard section after deleting a template. An error no longer appears, and no Detail template is selected for that section.
Clinical Case Summary - Physician Attribution Overview - Physician name missing [19349]	**Summary:** Physicians on the Physician Attribution Overview who did not have a role in the encounter were displayed with a blank Name and Specialty. **Resolution:**The Physician Attribution Overview now displays the physician's Name and Specialty, even if they did not set up roles on the encounter.
Top Sections - Graph caption is sometimes wrapped in quotes [21208]	**Summary:** The top sections in Scorecards, such as Top DRGs, displayed a pie chart with a caption that was wrapped in single quotes. **Resolution:** Deleted the single quotes around the Graph caption.

Issue	Description
Measures that use Surgical Case Volume are wrong [35288]	**Summary:** Two places were maintained for the new MS-DRGs: the MS-DRG identifier table and the Surgical Case Volume calculator item. The Surgical Case Volume calculator was not updated, so any measure on which the volume was based was incorrect. Cases with newer DRGs, that were surgical were ignored because their Surgical Case Volume value was incorrect. **Resolution:** Updated the Surgical Case Volume calculator source whenever new MS-DRGs are released.
CCS Outpatient Procedures need to pull from the encounterprocedures table instead of encounterdatas [35906]	**Summary:** Procedures for all patient types were being pulled from the peak.encounterdatas table, and assumed to be ICD procedures. The assumption was incorrect, and did not allows users to correctly filter outpatients. Outpatients were coded with CPT procedures, and the code appeared but not for the description, because it was assumed to be an ICD procedure. **Resolution:** Used the peak.encounterprocedures table to enable the **Coding Type** field to determine which type of procedure code is being used.
PPE changes the capitalization of Physician Specialties [36017]	**Summary:** In PPE, the second word of a specialty gets changed to lower case no matter how it first appeared. **Resolution:** No changes were made and the specialty appears as entered in the Physician Specialty table.
Top Service Lines pie chart contains bogus characters when not cached [38319]	**Summary:** The Top Service Lines pie chart contained illegitimate characters when not cached. **Resolution:** Eliminated illegitimate characters.

Issue	Description
Add the ability to choose a Physician Group when adding a physician to the Physician List [38468]	**Summary:** When adding a physician to the Physician List individually, or by uploading a file, users were unable to select a Physician Group, and add the physician directly on the Physician Group page. **Resolution:** Added the ability to select a Physician Group when adding a physician to the Physicians List, with the following caveats: • When editing an existing physician entity with a PhysicianGroup assignment, and selecting nothing in PhysicianGroup control, the existing record is removed from peak.physicianphysiciangroups, which allows users to replace the physician's existing value with a blank value or a default value. • If the physician has more than one PhysicianGroup, the Physician Group control is disabled. • When uploading a file, the same behavior exists from the previously defined caveats. If a physician is assigned to more than one group, the assignment is not removed or updated, unless the user updates it manually.
NHSN measures need the Den title changed [41006]	**Summary:** The Denominator column for National Health Safety Network (NHSN) measures was labeled as the string NULL, instead of the database keyword 'null,' which is used to identify a value that does not exist. **Resolution:** Removed the Denominator column from NHSN Count measures.
Update the list of Core Measures the Patient List Category pulls from [41017]	**Summary:** The Core Measures list from which the Patient List is pulled was out-of-date. **Resolution:** Everything that is included in Details for any of the Core Measures is also included in the Patient List section.

Issue	Description
DRG image not showing up for speedometers in PDFs [41644]	**Summary:** Diagnosis Related Groups (DRG) images were not displayed for speedometers when they were exported to PDFs. This issue occurred for both PPE and Scorecards. **Resolution:** Verified that speedometers includes DRG images, so that they match what appears in the browser.
PFB-08465 - Need to reword message when you emulate a user [43405]	**Summary:** When emulating a user, the following message was displayed: "Successfully switched to User: Last, First - email. To switch back click "Sign Out" in the header." The Sign Out link was no longer in the header, which required rewording. The Sign Out link was embedded under the user's initials. **Resolution:** Replaced "To switch back, click 'Sign Out' in the header" with "Sign Out to stop emulating user."
PFB-08587 - Putting LDOS then Service Details or Pharm Analytics disables rerun button [45357]	**Summary:** When building a Scorecard with a tab layout of an Labor and Delivery Outcome Scale (LDOS) section at the top, followed by a Physician Service Details section or a Pharmacy Analytics section, the **Rerun** button on the **Service Details** or **Pharmacy** sections did not work as expected. **Resolution:** Added code to the LDOS section, enabling the **Rerun** button to work as expected.
PFB-08816 - All SC templates from SC library have "view documentation" option [47915]	**Summary:** All Scorecard templates within the Scorecard library included a "View documentation" option, even if no documentation option was available for that Scorecard. **Resolution:** Added logic that checks for the existence of documentation on a remote server. The **View Documentation** link is visible when Scorecards have documentation, and is hidden when no documentation is available.
PFB-08822 - Change the automatic naming of Scorecards to not say "Peak" [48043]	**Summary:** Changed every Peak reference to Clinical Analytics in Scorecard template. **Resolution:** Replaced "Peak Template" with "Clinical Analytics" in the SC template name.

Issue	Description
PFB-09151 - Duplicate indexes on peak.encounterphysicianroles are causing performance issue [58423]	**Summary:** Duplicate indexes existed on peak.encounterphysicianroles. **Resolution:** Created a script to remove all nonclustered indexes from the encounterphysicianroles table.
PPFB-09373 - Auto log out message doesn't work correctly [71391]	**Summary:** When the system automatically logged out, an error appeared in the Measure Analysis block in the PPE Reporting Simple Report section, instead of redirecting users to the login page. **Resolution:** Fixed the code so that the current page now successfully redirects users to the login page.
PFB-09423 - Clients with "NO_ LICENSE" for APRs can't see MRNs anywhere [75106]	**Summary:** When users do not license APR-DRGs, the Medical Record Numbers (MRNs) did not appear, even where no APRs were present. Also, the account numbers in the Details view did not appear. **Resolution:** Now, APRs do not appear when users do not license APR-DRGs. MRNs and account numbers appear correctly.
PFB-09440 - CPT Analytics Section - No APR-DRG license note is outdated [76507]	**Summary:** When a client had no license for APR-DRGs, the CPT Analytics Section note was outdated. **Resolution:** Updated the CPT Analytics section note.
30 day mortality measures are incorrectly only looking for inpatients [107465]	**Summary:** The 30-day mortality measures were incorrectly only looking at return visits that were inpatient, instead of looking at all encounter types. **Resolution:** Fixed the code that sets the 30-Day Mortality Readmissions, but uses all encounter types for the return visits.
Case Number 00445547 - Multiple PPC sections on one page don't all work [114783]	**Summary:** When adding multiple Patient Priorities Care (PPC) sections onto one tab, only the bottom section works. If users clicked **Rerun** for the top section, the bottom section was rerun. Any changes users made to the other sections did not change anything. **Resolution:** Fixed the code, which enabled the **Rerun** button to work correctly.
Case Number 00448853 - Axiom PSI 8 - question [118841]	**Summary:** The PSI-8 measure name was out-of-date and required updating. **Resolution:** Added code to update the PSI-8and PSI-9 measure names.

Issue	Description
The "Invalid or corrupted PDF file" message is displayed after uploading a private key [129460]	**Summary:** An "Invalid or corrupted PDF file" message was incorrectly displayed after uploading a private key. **Resolution:** Eliminated error messages after downloading a private key.
The exception occurs after entering and saving a long description into the "Short Description" field [129998]	**Summary:** The page contained errors after users entered a long text description into the **Short Description** field on the **Templates** tab. **Resolution:** Added validation rules to Scorecard template: • 'Short description may not be longer than 100 characters.' • 'This field cannot be blank.'
The ordering in PDF file differs from the web in the "Charges and Costs Detail" section [129999]	**Summary:** The order of values in a PDF file differed from the web in the **Charges and Costs Detail** section. **Resolution:** Displayed the order of the values with the default web settings - by **Total Opportunity**, and then by **Description**.
Profiles: The pop up and the error message are shown behind the warning message [130853]	**Summary:** When users created a profile for a Scorecard template, a popup and error message appeared behind the yellow warning message. **Resolution:** Discretely displayed both the popup and the error message.
Case Number 00460519 - Board Certification measure type needs changed [132505]	**Summary:** The Board Certification measures required the measure type to be switched from composite. **Resolution:** Changed the Board Certification measure type.
Case Number 00460845 - OAS CAHPS measures [132775]	**Summary:** The Outpatient and Ambulatory Services (OAS) Consumer Assessment of Healthcare Providers & Systems (CAHPS) measures incorrectly excluded Observation patients. **Resolution:** OAS CAHPS now include observation patients.

Issue	Description
Case Number 00461113 - LOS Section Opportunity [133198]	**Summary:** LOS section was missing the opportunity calculation for the "Days - Accommodation - Private, Semi-Private and Ward" measure using any peer group, but it displayed the opportunity in the Details section. **Resolution:** Enabled the opportunity to appear in the Scorecards section, both in the browser and when it's exported to PDF. Also, enabled the benchmark and opportunity to appear in the PPE section.

Issue	Description
Update Rehab measure names to remove the "RIC" in the title of 6 count and 6 rate measures. [139664]	**Summary:** Needed to update new physician Radiation (RAD) measure to remove Remote Ischemic Conditioning (RIC) in the measure name from the following 12 measures. **Resolution:** Updated the Rehab measure names accordingly. Previous name: • Physician - Rehab - RIC Stroke - Count • Physician - Rehab - RIC Brain Injury – Count • Physician - Rehab - RIC Spinal Cord Injury – Count • Physician - Rehab - RIC Orthopedic – Count • Physician - Rehab - RIC Neurological – Count • Physician - Rehab - RIC General Rehab Medical - Count • Physician - Rehab - RIC Stroke – Percentage • Physician - Rehab - RIC Brain Injury - Percentage • Physician - Rehab - RIC Spinal Cord Injury – Percentage • Physician - Rehab - RIC Orthopedic - Percentage • Physician - Rehab - RIC Neurological - Percentage • Physician - Rehab - RIC General Rehab Medical - Percentage Current name: • Physician - Rehab - Stroke - Count • Physician - Rehab - Brain Injury – Count • Physician - Rehab - Spinal Cord Injury – Count • Physician - Rehab - Orthopedic – Count • Physician - Rehab - Neurological – Count • Physician - Rehab - General Rehab Medical - Count • Physician - Rehab - Stroke – Percentage • Physician - Rehab - Brain Injury - Percentage • Physician - Rehab - Spinal Cord Injury – Percentage • Physician - Rehab - Orthopedic - Percentage • Physician - Rehab - Neurological - Percentage

Issue	Description
	• Physician - Rehab - General Rehab Medical - Percentage **Resolution:** Corrected by updating the Rehab measure names accordingly.
CPM - Incorrect Measure Denominator [141420]	**Summary:** When users created a Clinical Performance Measure (CPM) report to show costs of encounters with and without Hospital-Acquired Conditions (HACs), the denominators were incorrect. **Resolution:** Updated denominators for eight measures.
Physician Group Picklist on Physician Edit - Make Multi Select [142984]	**Summary:** When using Clinical Analytics profile data management, the Physician Group picklist on the Physician Edit page must be multi-select for users to add or remove physicians to or from a group. **Resolution:** Implemented a new dialog to enable multi-selecting Physician Groups for the physician that is currently being edited.

Issues fixed in 2022.2.1

No client-facing issues were addressed in 2022.2.1, released on September 19, 2022.

Issues fixed in 2022.2.2

No client-facing issues were addressed in 2022.2.2, released on October 10, 2022.

Issues fixed in 2022.2.3

No client-facing issues were addressed in 2022.2.3, released on November 7, 2022.

Issues fixed in 2022.2.4

No client-facing issues were addressed in 2022.2.4, released on December 5, 2022.