MOD kevin_moloney
Moderator

10-30-2017 01:57 PM

Phoenix Weekly Release 0.0.0.1193
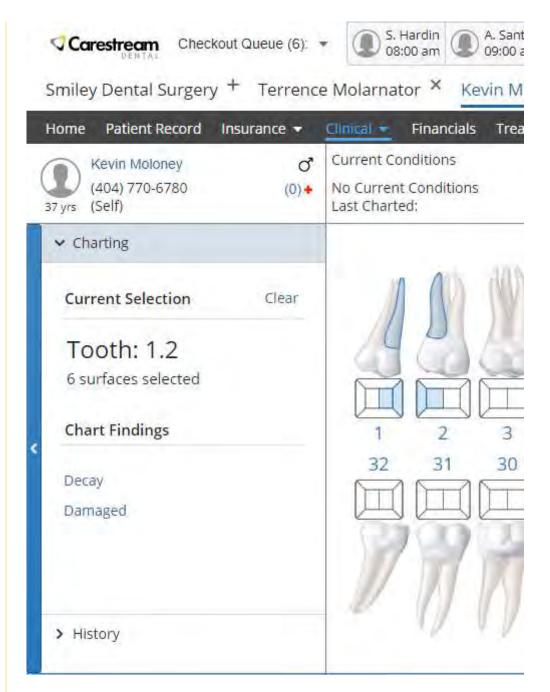## Phoenix Online DPMS

Weekly Release

Build 0.0.0.1193 | October 30, 2017

These are the highlights of the new features available in this week's Phoenix DPMS release.
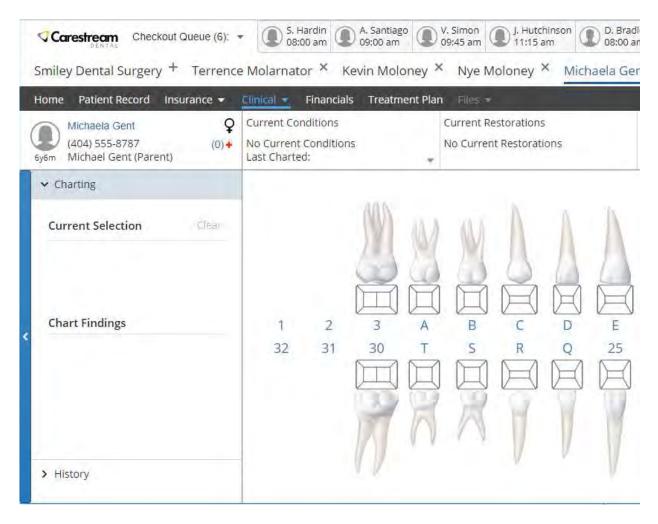
Restorative Charting

This week's release was focused on preparing the hard tissue chart for future workflow support as well as ironing out some of the kinks in the current mechanics of anatomy selection. For example, we implemented several improvements to the logic for selecting anatomy within a single tooth to optimize the charting mechanism and avoid duplicate or illogical charting scenarios (e.g.., inclusive anatomical selections). So, selection of specific crown surfaces on a tooth will replace selection of the entire crown (and vice versa). Similarly, selection of specific tooth anatomy will replace selection of the entire tooth (and vice versa).

Smiley Dental Surgery + Terrence Molarnator ✕ Kevin M

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Kevin Moloney ♂
(404) 770-6780 (0)+
37 yrs (Self)

Current Conditions
No Current Conditions
Last Charted:

∨ Charting

Current Selection   Clear

Tooth: 1.2

6 surfaces selected

Chart Findings

Decay

Damaged

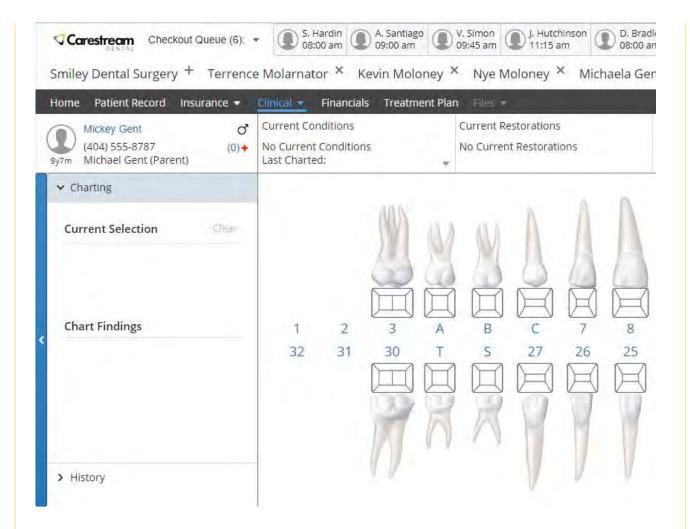1   2   3

32   31   30

> History

Additionally, improvements were made selection of anatomy across teeth so that the suggested / available findings to chart are more contextually-appropriate. This includes the ability to select variable tooth anatomy across the arches. These enhancements will help users avoid getting themselves into a state in which there is nothing logical to chart against the current set of selected anatomy and will become important as we implement support for charting of restorations and appliances.

Some significant refactoring of the hard tissue chart implementation was also completed this week. While much of this is invisible to the user, it is necessary for the support of future workflows such as charting restorations, appliances, and treatments while also visually representing all of these charting history events on the hard tissue chart. One more immediate effect of this work is that the current anatomy selections are much more visible, even when charting history already exists on the anatomy.

Additionally, we have improved the granularity of the age-based default charts, so that the process of setting up initial charts for young patients will likely require less clicks. Now, the default hard tissue chart created for a new patient record more accurately reflects the age-based development models so that dentition profile present in a 6.5 year old will be different than a 9.5 year old and so on. This should be of particular interest to pedodontists and to general dentists that see a wide age range of patients, which need workflow support for efficient setup of initial hard tissue charts.

Finally, some enhancements were also made to the charting history (notes) that document the clinical findings that users chart during an exam. These updates will become important as we start to implement charting of completed procedures and existing restorations and appliances. We will begin to support charting for existing restorations and completed work soon.
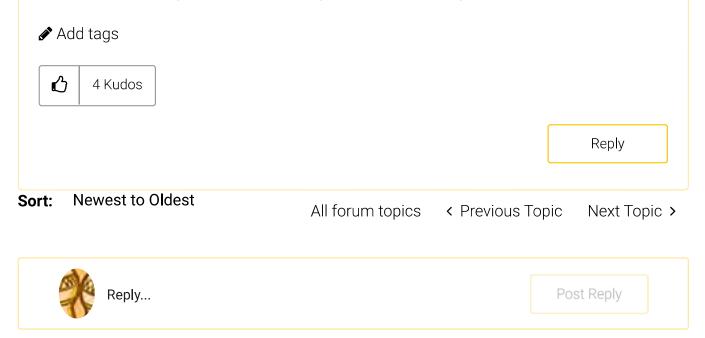
Claim Processing Enhancements

This week's release also focused on continuing the integration with the eClaims service and the Carestream Dental clearinghouse. As mentioned in last week's Release Notes, the claim file is currently being generated and submitted to a test account at the Carestream Dental clearinghouse and has passed initial testing. We are continuing to test submission of claim batches from Phoenix to the clearinghouse for processing. Additionally, some code refactoring was done to address an issue with refreshing the Claims List UIs. Next steps will include the implementation of insurance estimation and the handling of claim status reports back from the Carestream Dental clearinghouse.

Optimizations and Fixes

The following fixes and optimizations have been also been added to Phoenix this week.

1. Fix to the Patient Homepage to display notes in chronological order.
2. Addressed an issue to ensure that updates to the Patient Record are automatically reflected in open Patient Tabs.
3. Optimized the Patient Homepage to display UI components cleanly at 1366 x 768 resolution.
4. Fixed some bugs related to canceling the creation of a new patient record.
5. Optimized the display of contextual information in the Appointment Card, so that the patient's treatment plan items are automatically displayed when linking from a treatment plan booking context.
6. Addressed an issue with saving new notes on the Treatment Plan List UI.
7. FIxed some bugs that were interfering with the create new patient record workflows.

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