# What's New in mPower™ Clinical Analytics, Version March 2020

*mPower*™ Clinical Analytics, Version March 2020, is the latest version of Nuance's leading radiology data-mining and analytics solution, leveraging proprietary natural language processing to extract and visualize radiology report data.

*mPower* March 2020 offers the following new features and updates:

- *User Bulk Upload*
- *Session Timeout*
- *Data Clean Up*
- *Data Merging*
- *Maximize Negative Findings*
- *My Dashboard*
- *Datasets (beta)*
- *HL7 Interface to mPower*
- *Updated RVUs for 2020 Reporting Year*

**Nuance® mPower™**
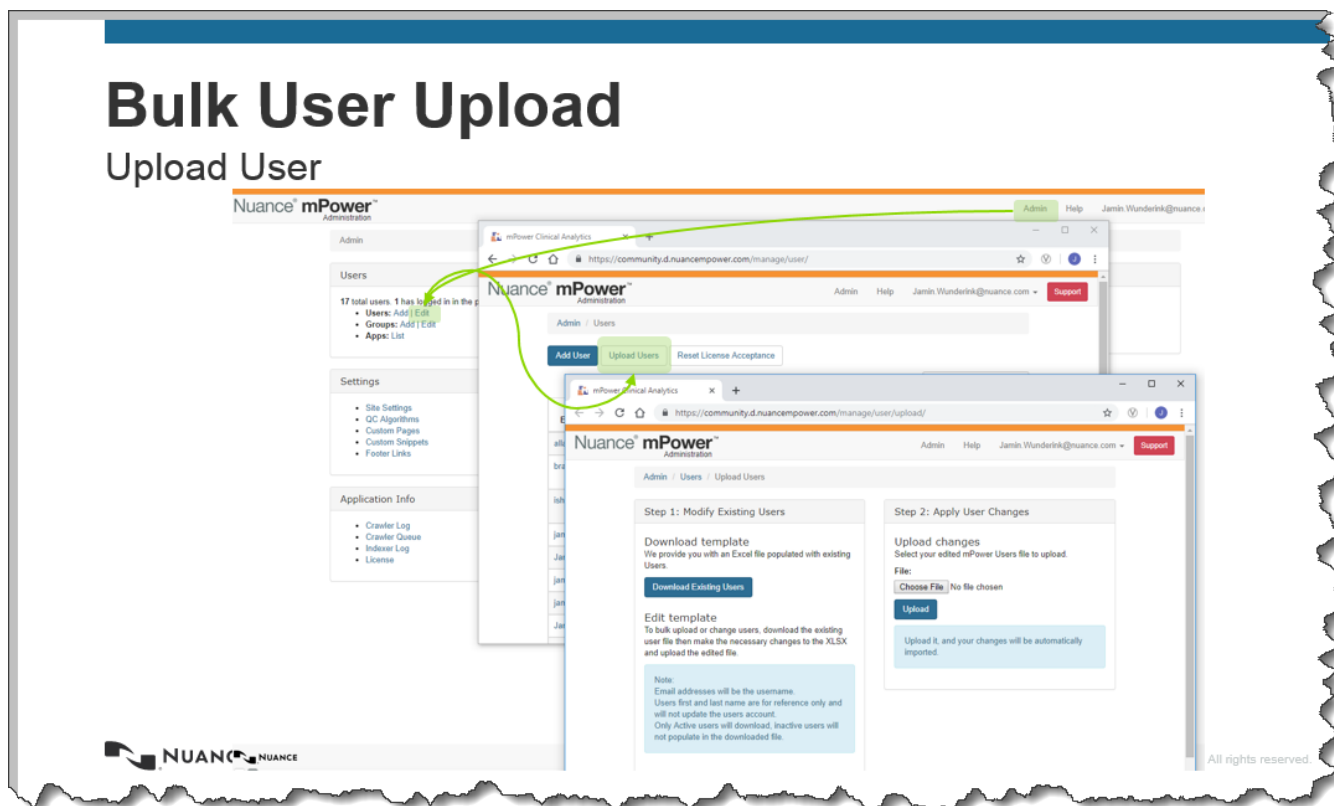**Clinical Analytics**

# User Changes

## Bulk Upload

In addition to the current options of manually creating new users or having the users create a login shell by attempting login prior to creation (requires admin to go back and set permissions), this new version allows for a bulk user upload from an Excel spreadsheet.

**To bulk upload:**

1. Complete the Excel spreadsheet template with required information for as many users needed to upload.
2. Login to mPower as administrator.
3. Go to Users
4. Choose Upload Users tab.



## Session Timeout

Session Timeouts can be configured by Organization. Default is set to 2 hours.

**Note:** *Please get with your implementation team or tech support to adjust these times.*

## Data Clean Up

As data is updated or remapped (ie PMT), there may be fields created that no longer have foreign keys pointing to them. This means that these data fields remain in the system but have no data associated to them. The new Data Clean Up functionality nows gives admins the ability to remove this data from the system.

**To use Data Clean Up:**

1. Login to mPower as Admin.
2. Under Mappings, click on Data Cleanup.
3. Review and clean up data elements desired.

# Cloud Data Cleaning
## Removing unreferenced fields

**Mappings**

- Procedure Master Translator Import
- Exam Types
- CPT Codes
- RVUs
- Providers
    - Ordering Providers
    - Reporting Providers
- Tags
    - Exam Types
    - CPT Codes
    - Organizations
    - Point of Care
    - Ordering Providers
    - Reporting Providers
- Data Cleanup

Admin / Data Cleanup

**Cleanup Unreferenced Data**

**ExamType** has unreferenced data count: 0 — Cleanup Data

**Modality** has unreferenced data count: 0 — Cleanup Data

**Organization** has unreferenced data count: 1 — Cleanup Data

**PointOfCare** has unreferenced data count: 0 — Cleanup Data

**Provider**

**Ordering** has unreferenced data count: 0 — Cleanup Data

**Reporting** has unreferenced data count: 0 — Cleanup Data

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## Data Merging

With this update, admins will be able to merge certain types of data. Data types that can be merged include Organization, Point of Care, Reporting Provider, and Ordering Provider. This feature will allow for modifying data currently in mPower.

**Note:** *The data merge is permanent and irreversible. User will get a warning before proceeding.*

## Maximize Negative Findings

Allows users to identify reports that reference a key word but do not have a positive finding.

- *Example: "no evidence of pneumonia found."*

# My Dashboard

The Individual Contributor Dashboards under "My Dashboards" have been greatly enhanced. This includes new dashboards, enhanced functionality on existing dashboards, additional filters to customize the view, and the ability to drill-down to specific reports directly from the dashboards.

**Changes to the dashboards include:**

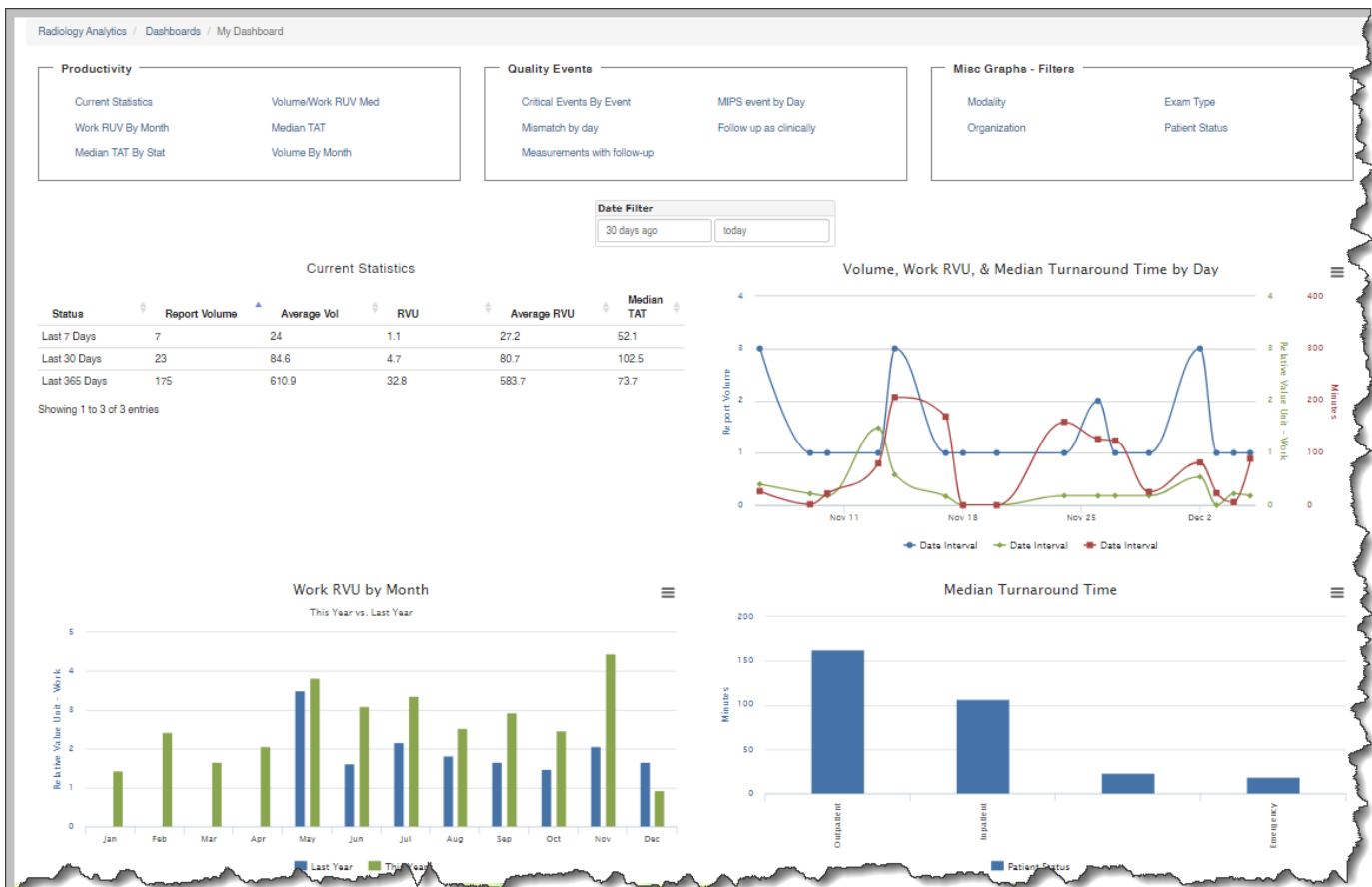Graph navigation bar / reorganization

Date Range for data

New graphs

- Follow-up as clinically indicated
- Patient status
- Measurements with follow-up

Current Stats changes

- Add Median TAT
- Change labels from week to last 7 days

Drill down capabilities.

## Datasets *(still in beta at this time.)*

The newest version of mPower is introducing a new way to organize data called Datasets. With datasets, you will now be able to organize reports with similar results in to groups of reports. These datasets then can be used for other purposes including:

- Evaluate different AI vendor algorithms to see which offer the best results for your facility
- Train AI algorithms with consistent data

Since mPower contains the signed reports from PowerScribe, we can now leveraging both the historical data and the analytics functionality within mPower, through datasets, to group similar reports together and then pass that "group" on for further analysis.

**Create Dataset**

Choose Existing Dataset

Set Name

PTX DATASET 2YR

Comment:

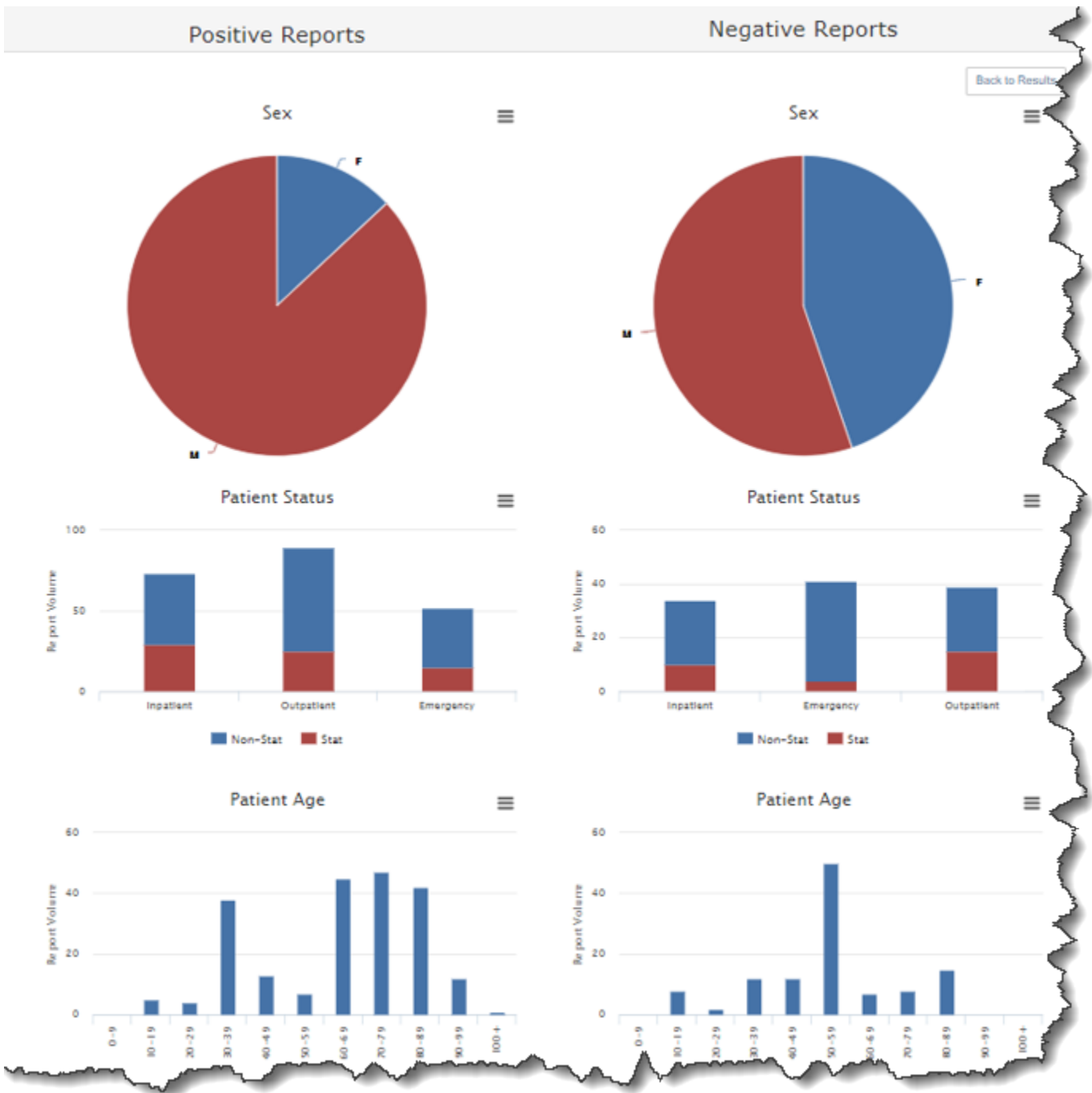Cases of pneumothorax that have occurred within the past two years. All organizations and modalities.

◉ Positive Group   ○ Negative Group

Save   Cancel

# Datasets continued...

### Dataset Analysis

Once a dataset is created, the user is able to analyze the data to look for bias within the set or abnormalities around the dataset. The standard analyze page will show the negative and positive labels side by side.

## HL7 Interface to mPower

An HL7 interface option to upload data to mPower is now available. This option will expand the sources of data that can be sent to mPower. This will allow for enhanced reporting with results/filters that expand beyond just PowerScribe data.

> **For Example:** *Send pathology data from the pathology source of truth to mPower. When running queries, results will show data from both PowerScribe and pathology*

**Note:** *If you would like to discuss Pathology data in mPower or other options for data in mPower, please reach out to your Account Executive for further information.*

## Updated RVUs for 2020 Reporting Year

RVU values updated for 2020 reporting year.

**Note:**

*mPower uses HCPCS codes to evaluate the RVU values. If you would like to confirm the RVU values, CMS has provide the following link:*

*https://www.cms.gov/apps/physician-fee-schedule/license-agreement.aspx*