

The image shows a hand holding a tablet displaying a clinical trial data management interface. The screen is divided into several sections:

- Subject Profile Selection:** A table listing subjects with columns for Subject ID, Sex, Age in Years, and Race. The table shows 10 subjects, with the first subject (01-701-1101) highlighted in blue.
- Subject Profile Filters:** A section with filters for "What results do you want to display?" (All, Lab, AE, SAE, Death, Lab) and "What labs do you want to display?" (All, Lab, Death, Lab).
- Medical History Summary:** A section with a table of medical history events, including dates, times, and descriptions (e.g., "01-701-1101", "01-701-1102", "01-701-1103").
- Lab Result Quick View:** A graph showing lab results over time (Study Day 0 to 180). The graph includes a legend for lab results (e.g., "Start / End of Severe AE", "Start / End of Moderate AE", "Start / End of Mild AE", "Start / End of Confirmed", "Start / End of Dose", "Lab High", "Lab Low", "Lab Abnormal", "Lab Missing Data", "Lab Normal") and a "Lab Result Quick View" section on the right.

The graph displays various lab tests (ALB, ALP, ALT, AST, BUN, CREA, etc.) over time (Study Day 0 to 180). The graph includes a legend for lab results and a "Lab Result Quick View" section on the right.

The workflow is configurable to domains of interest to your use case and is designed to take you through a step-by-step guided workflow.

[illegible]

```

graph TD
    Start([Start]) --> I[I) Population Analysis]
    I --> II[II) Subject Analysis]
    II --> III[III) Line Listing]
    III --> IV[IV) Data Analysis]
    IV --> End([End])
    
    subgraph Data_Analysis [Data Analysis]
        direction TB
        subgraph I_Population_Analysis [I) Population Analysis]
            I1[Select outliers and trends from population analysis.]
            I2[These selections will display on the Subject Analysis page for a detailed analysis.]
        end
        subgraph II_Subject_Analysis [II) Subject Analysis]
            II1[Subjects selected at the population level are reviewed in the Patient Profile and other subject analyses.]
            II2[Once data are reviewed you can proceed to Line Listing.]
        end
        subgraph III_Line_Listing [III) Line Listing]
            III1[Data selected at the subject level can be tagged as "reviewed" or "in progress".]
            III2[A history of line listing actions are stored in a database. If data are updated in source systems (e.g. EDC) after they are reviewed here, EDC will update the "reviewed" tag.]
        end
        subgraph IV_Data_Analysis [IV) Data Analysis]
            IV1[Data selected at the subject level can be tagged as "reviewed" or "in progress".]
            IV2[A history of line listing actions are stored in a database. If data are updated in source systems (e.g. EDC) after they are reviewed here, EDC will update the "reviewed" tag.]
        end
    end
  
```

**XYZ Biotech** Medical Monitoring Tool Study: C0306C10701

**I) Population Analysis**  
 Select outliers and trends from population analysis.  
 These selections will display on the Subject Analysis page for a detailed analysis.

**II) Subject Analysis**  
 Subjects selected at the population level are reviewed in the Patient Profile and other subject analyses.  
 Once data are reviewed you can proceed to Line Listing.

**III) Line Listing**  
 Data selected at the subject level can be tagged as "reviewed" or "in progress".  
 A history of line listing actions are stored in a database. If data are updated in source systems (e.g. EDC) after they are reviewed here, EDC will update the "reviewed" tag.

**IV) Data Analysis**  
 Data selected at the subject level can be tagged as "reviewed" or "in progress".  
 A history of line listing actions are stored in a database. If data are updated in source systems (e.g. EDC) after they are reviewed here, EDC will update the "reviewed" tag.

**I want to analyze:**  
 Labs

**Population Page**  
 Population Labs  
 Population Drug Induced Liver Inj

**Subject Analysis Page**  
 Patient Profile  
 Subject Labs  
 Subject Vitals  
 Subject Med History

**Line Listing Page**  
 Labs Listing

[Click to start workflow](#)

[illegible]

Figure 1 displays four dot plots showing the distribution of Diastolic Blood Pressure, Pulse Rate, Systolic Blood Pressure, and Temperature across 2000 visits. The x-axis for all plots is 'Visit Number x Visit Name' ranging from 1.00 to 20.00. The y-axis for Diastolic Blood Pressure ranges from 40.00 to 120.00. The y-axis for Pulse Rate ranges from 40.00 to 120.00. The y-axis for Systolic Blood Pressure ranges from 100.00 to 200.00. The y-axis for Temperature ranges from 35.00 to 39.00. The legend indicates that blue dots represent all visits, red dots represent new visits, and green dots represent follow-up visits. The color key indicates that blue represents new visits, red represents follow-up visits, and green represents empty visits.

Figure 1 displays four box plots showing the distribution of various vital signs across 20 different Vital Number categories. The y-axis for all plots is 'Count'.

- Diastolic Blood Pressure:** The y-axis ranges from 40 to 120. The distribution is generally centered around 80-90, with some outliers at higher values (up to 120).
- Pulse Rate:** The y-axis ranges from 40 to 120. The distribution is generally centered around 80-90, with some outliers at higher values (up to 120).
- Systolic Blood Pressure:** The y-axis ranges from 100 to 200. The distribution is generally centered around 120-140, with some outliers at higher values (up to 200).
- Temperature:** The y-axis ranges from 35.0 to 38.0. The distribution is generally centered around 36.0-37.0, with some outliers at higher values (up to 38.0).

The legend indicates the following categories for the Vital Number:

- Male (Blue circle)
- ± Std Dev (Blue plus)
- Average (Blue dot)
- ± Std Dev (Blue cross)
- Min (Blue square)
- Q1 (Blue triangle up)
- Median (Blue triangle down)
- Q3 (Blue triangle down)
- Max (Blue square)
- Outliers (Blue circle with cross)

2

## Standard review workflows include:

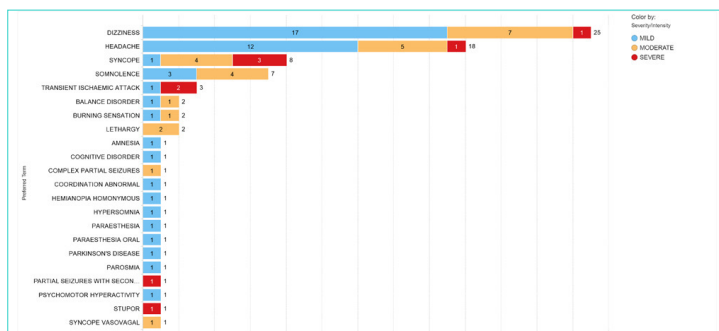
Adverse Events (AE), Labs, Medical History, Vital Signs, Concomitant Medications, Dosing, Disposition, AE Code Review, Concomitant Medications Code Review, and Medical History Code Review.

**A comprehensive List of Analytics by workflow and review tier (Population, Subject, and Line Listing).**

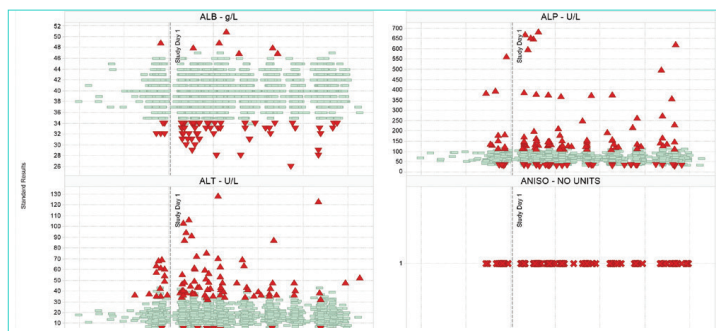
#	Domain	Population Page	Subject Page	Optional Subject Page	Listing
1	AE	Population Adverse Event	Subject Profile	Subject Lab / Vitals / Med History	AE Listing
2	AE Code Review	N/A	N/A	N/A	AE Code Review Listing
3	Con Med	Population Con Med	Subject Profile	Subject Lab / Vitals / Med History	Con Med Listing
4	CM Code Review	N/A	N/A	N/A	Con Med Code Review Listing
5	Medical History	Population Medical History	Subject Profile	Subject Lab / Vitals / Med History	Medical History Listing
6	MH Code Review	N/A	N/A	N/A	Medical History Code Review Listing
7	Labs	Population Lab / DILI	Subject Profile	Subject Lab / Vitals / Med History	Lab Listing
8	Vitals	Population Vitals	Subject Profile	Subject Lab / Vitals / Med History	Vitals Listing
9	Dosing	Population Dosing	Subject Profile	Subject Lab / Vitals / Med History	Dosing Listing Page
10	Disposition	Population Disposition	Subject Profile	Subject Lab / Vitals / Med History	Disposition Listing

These visual analytics are fully customizable and can be extended to include additional use cases such as PK/PD, safety, therapeutic, and study specific plots (E.g. Swimmer, Waterfall and spider plots for Oncology) and biomarkers.

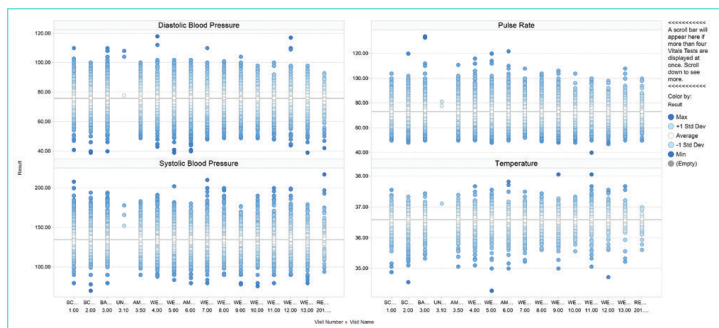
Below are some examples of Population view examples in Revvity's CDR Workflow solution:



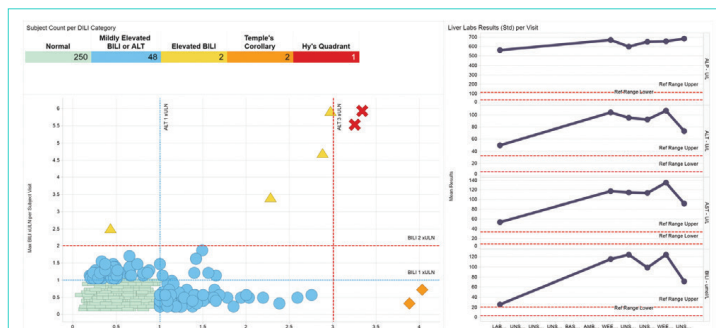
Population view of Adverse Events.



Population view of all lab results over time.



Population view of Vitals.



Population view of Drug Induced Liver Injury (DILI).

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