



Biomedical Concepts In Practice: CDISC Update

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Biomedical Concept Progress

- Stable logical data model and streamlined governance process
 - First Public Review of initial Biomedical Concepts complete
- Actively working with a growing number of collaborating organizations
- Content Access
 - CDISC Library API as JSON output
 - Excel Spreadsheets exports
 - BCs and Dataset Specializations Browser
- Starter package available at <https://www.cdisc.org/cdisc-biomedical-concepts>



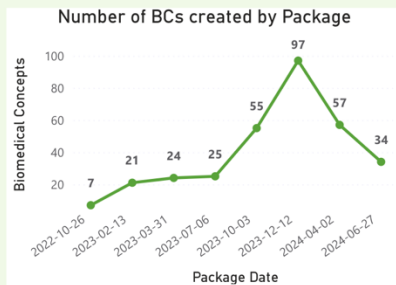
BCs and Dataset Specializations Browser



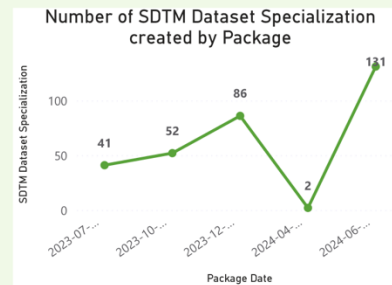
CDISC Biomedical Concepts (BCs) and SDTM Dataset Specializations

Summary

Newest Package: **2024-06-27**
Total of Biomedical Concepts: **320**
Total of SDTM Dataset Specialization: **312**



All BCs



All SDTM Dataset Specialization

Next Package
release in
December
2024 with
~100 new BCs

Searchable BCs and Dataset Specializations

Home

Biomedical Concepts (BCs)

Search by Word

BC Short Name:

Synonyms:

More Dropdowns

Note: When applying one filter, it will apply to the dropdowns. Use ctrl + click to do multiple selections in the same filter.

Package Date	BC Short Name	BC ID	NCIt Code	Parent BC ID	BC Categories
2022-10-26	Blood Cell Count	C28133	C28133	C49286	Laboratory Tests
2022-10-26	Chemistry Test	C49237	C49237		Laboratory Tests
2022-10-26	Electrolyte Measurement	C74946	C74946	C49237	Laboratory Tests
2022-10-26	Hematology Test	C49286	C49286		Laboratory Tests
2022-10-26	Urinalysis	C17241	C17241	C49237	Laboratory Tests
2022-10-26	Urine Dipstick Test	C147905	C147905	C17241	Laboratory Tests
2022-10-26	Urine Glucose Test Strip Measurement	NEW_1	NEW_1	C147905	Laboratory Tests
2022-10-26	Urine Glucose Test Strip Measurement	NEW_1	NEW_1	C147905	Laboratory Tests
2022-10-26	Urine Glucose Test Strip Measurement	NEW_1	NEW_1	C147905	Laboratory Tests
2022-10-26	Urine Glucose Test Strip Measurement	NEW_1	NEW_1	C147905	Laboratory Tests
2023-02-13	Absolute Basophil Count	C64470	C64470	C51948	Laboratory Tests
2023-02-13	Absolute Basophil Count	C64470	C64470	C51948	Laboratory Tests
2023-02-13	Absolute Basophil Count	C64470	C64470	C51948	Laboratory Tests
2023-02-13	Alanine Aminotransferase Measurement	C64433	C64433	C74954	Laboratory Tests
2023-02-13	Alanine Aminotransferase Measurement	C64433	C64433	C74954	Laboratory Tests

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SDTM Dataset Specializations

Search by word

Domain:

SDTM Short Name:

SDTM Variable:

More Dropdowns

Note: When applying one filter, it will apply to the other dropdowns. Use ctrl + click to do multiple selections in the same filter.

Package Date	BC ID	SDTMIG Start Version	SDTMIG End Version	Domain	VLM Source	VLM Group ID	SDTM Short Name	SDTM Variable
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEACN
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEACN
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEACNOTH
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEACNOTH
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEBDSYCD
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEBDSYCD
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEBODSYS
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEBODSYS
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AECAT
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AECAT
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AECONTRT
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AECONTRT
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEECOD
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEECOD
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEEENDTC
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEEENDTC
2023-10-03	C179175	3-4		AE	AE.AETERM	AE	Adverse Event Free Text Format	AEHLT
2023-10-03	C179175	3-4		AE	AE.AETERM	AEPRESP	Adverse Event Prespecified	AEHLT

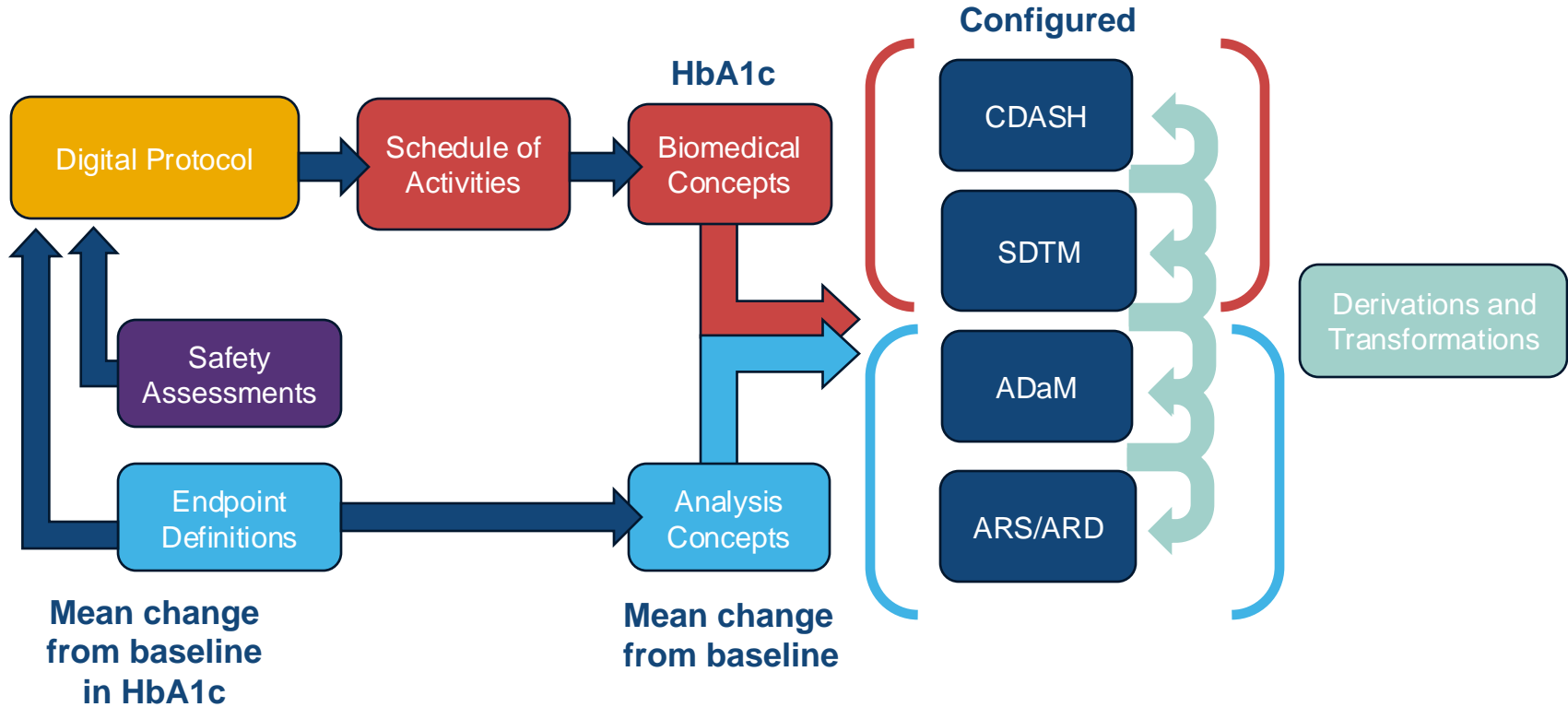


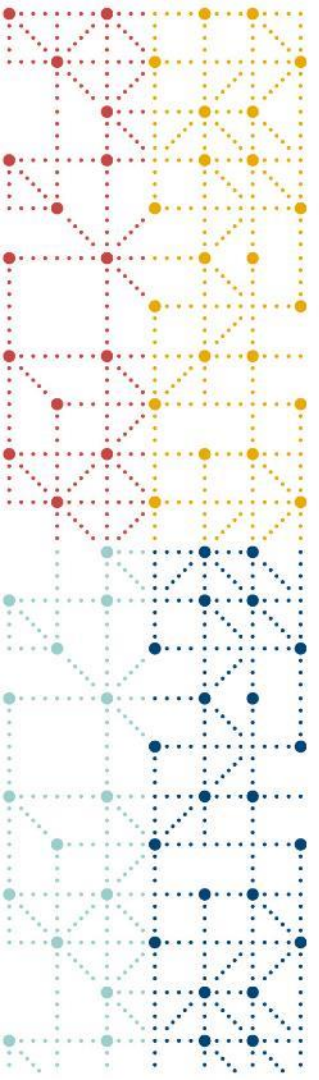
Looking Ahead

Next Actionable Steps

- **Increasing Content Volume**
 - More donated BC content from CDISC community
 - Expanding collaborative curation
 - BCs as part of standards development and TAUG processes
 - Exploring AI as a means of ramping up volume of BCs
- **BC implementation linked to data collection resources**
 - CDASH
 - QRS
 - HL7 FHIR
- **Exploratory**
 - Analysis Concepts
 - Derivation and transformation metadata to enable data flow automation

CDISC BC Vision





Attend Session 6A: *360i - Moving from Proof of Concept to Implementation* to learn more about how biomedical concepts will transform how we implement CDISC standards