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A Good Practice - Successful Implementation of CDISC Standards for Oncology Studies

Presented by Dr. Eun-Hye Lee, Associate STAT Director,
LSK Global PS



Meet the Speaker

Eun-Hye Lee

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Organization: LSK Global PS

Eunhye Lee is the Associate STAT Director for LSK Global PS, Korea's CRO. With over 16 years of experience as a Biostatistician, she has more than 10 years of experience in CDISC SDTM/ADaM for clinical trials and is also leading LSK CDISC Part.

She holds a BA degree in Mathematics and Statistics from Sungkyunkwan University, and MS and Ph.D degree in Biostatistics and Computing at Yonsei University.



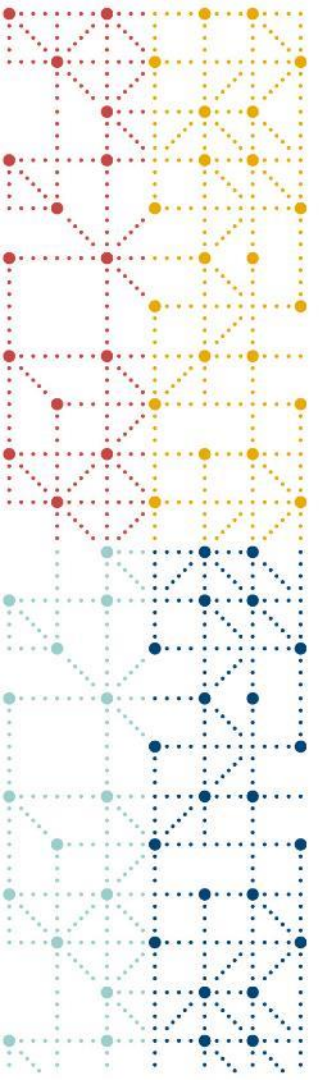
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Agenda

1. Traceability
2. SDTM in Oncology Clinical Trial
3. ADaM and Analysis in Oncology Clinical Trial
4. Mapping to ADaM in Oncology Clinical Trial

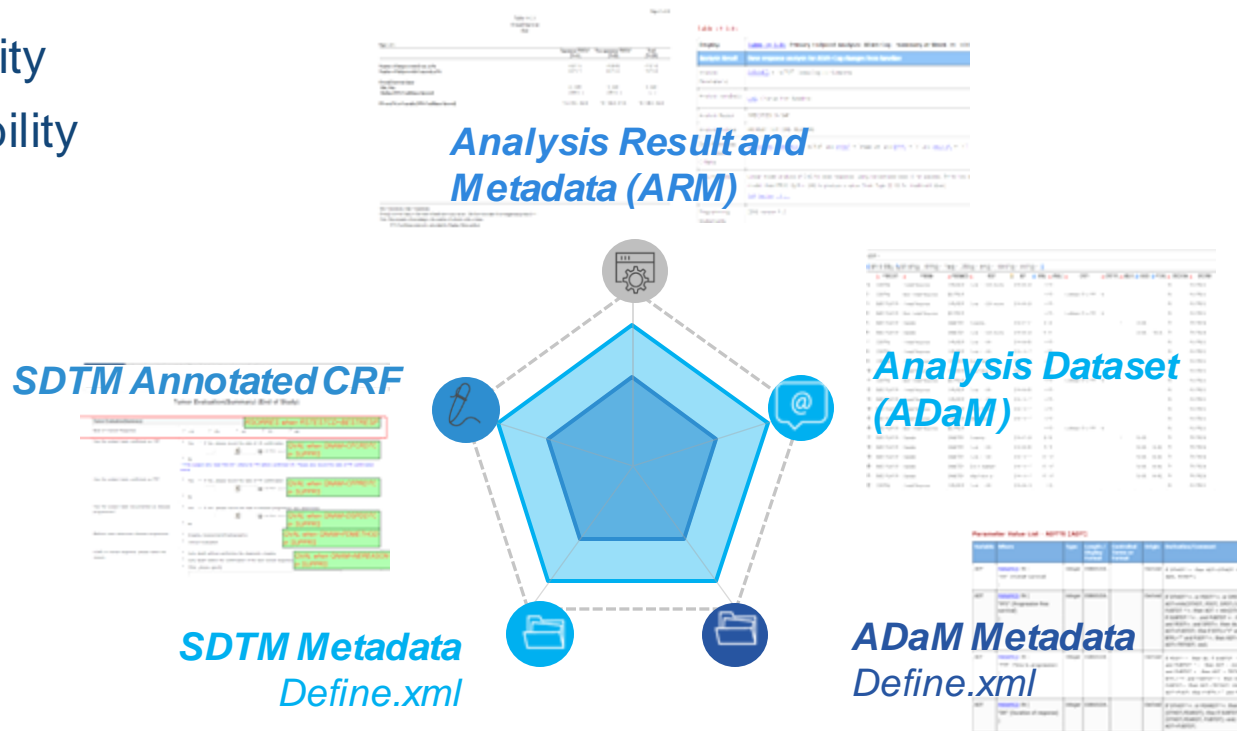


Traceability

From Analysis Results to Collection

From Analysis Results to Collection

- Traceability
- Predictability



Analysis of Oncology Clinical Trial

- Response Rate

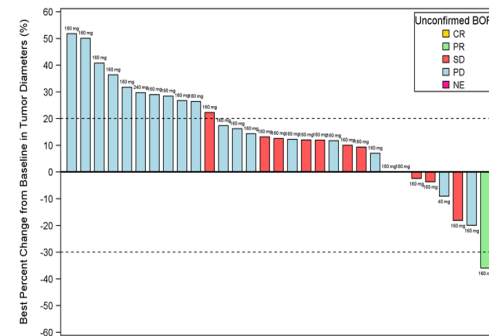
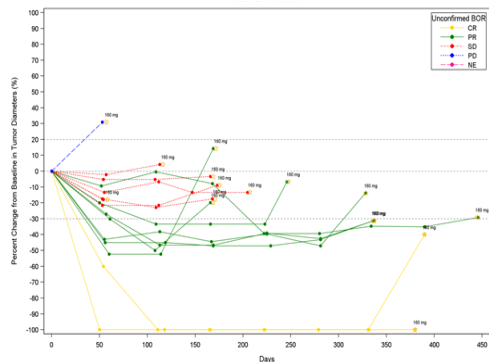
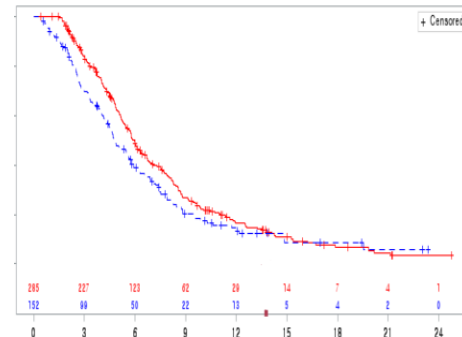
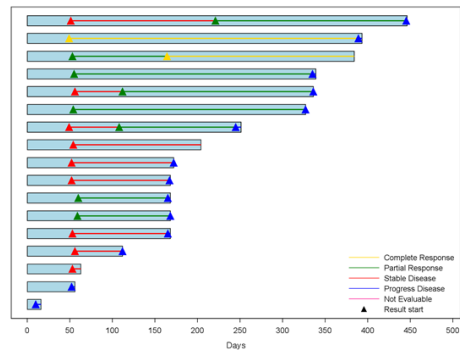
- Best Overall Response (BOR)
- Objective Response Rate (ORR)
- Disease Control Rate (DCR)

- Time to Event

- Progression-Free Survival (PFS)
- Overall Survival (OS)
- Duration of Response (DoR)
- Time to Response (TTR)

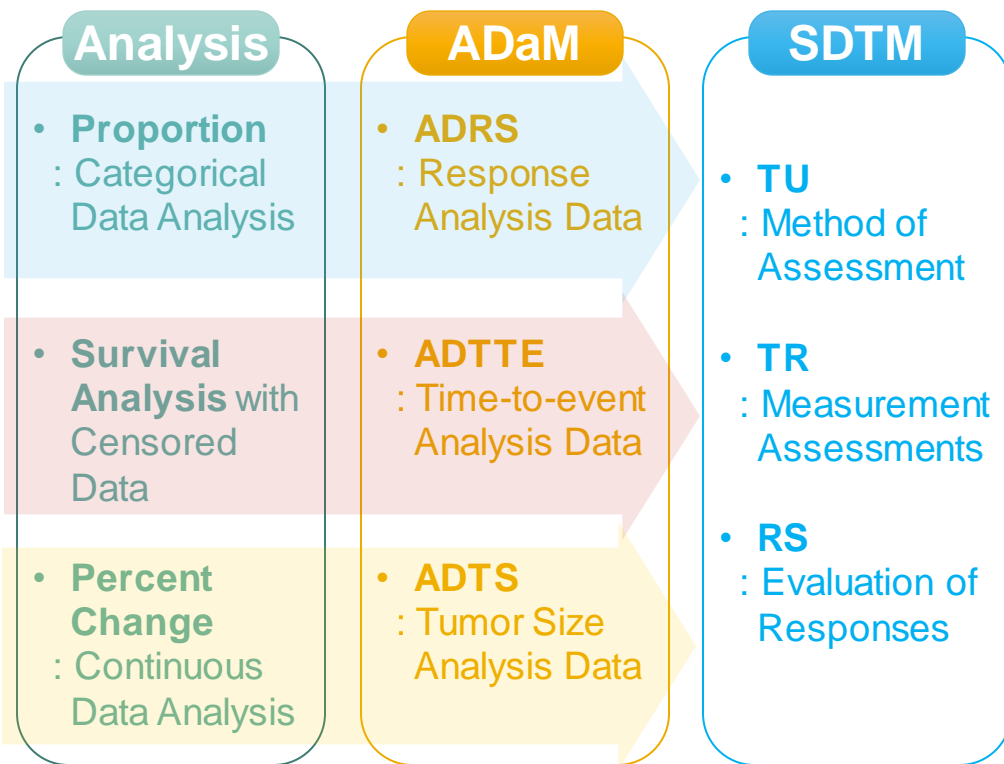
- Tumor Shrinkage

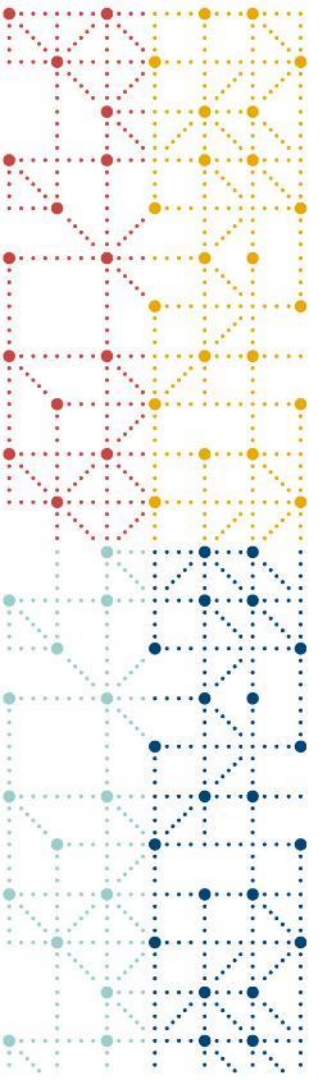
- Percent Change in Tumor Size
- Best Percent Change in Tumor Size



Analysis, ADaM and SDTM of Oncology Clinical Trial

- Response Rate
 - Best Overall Response (BOR)
 - Objective Response Rate (ORR)
 - Disease Control Rate (DCR)
- Time to Event
 - Progression-Free Survival (PFS)
 - Overall Survival (OS)
 - Duration of Response (DoR)
 - Time to Response (TTR)
- Tumor Shrinkage
 - Percent Change in Tumor Size
 - Best Percent Change in Tumor Size





SDTM in Oncology Clinical Trial

From Data collect to SDTM

SDTM in Oncology Clinical Trial



TU

Tumor Identification

- Target / Non-Target/ New
- MRI / CT SCAN
- LEFT / RIGHT

TR

Measurement/Assessments

- Tumor Diameter/Volume
- Tumor State

RS

Disease Responses for Therapy

- CR/PR/SD/PD/NE
- iCR/iPR/iSD/iUPD

- INDEPENDENT ASSESSOR/ADJUDICATION COMMITTEE /INVESTIGATOR
- RADIOLOGIST1 / RADIOLOGIST2



Oncology-Specific SDTM Domain

- TU
 - Name : Tumor/Lesion Identification
 - Description : A findings domain that represents data that uniquely identifies tumors or lesions under study
- TR
 - Name : Tumor/Lesion Results
 - Description : A findings domain that represents quantitative measurements and/or qualitative assessments of the tumors or lesions identified in the tumor/lesion identification (TU) domain.
- RS
 - Name : Disease Response and Clin Classification
 - Description : A findings domain for the assessment of disease response to therapy, or clinical classification based on published criteria.

Data Collection of Oncology Clinical Trial

- Tumor Assessment

- Location (Site)
- Timepoint (Visit)
- Date
- Method

Folder: Tumor Assessment >> Target Lesions
Form: Tumor Assessment - Target Lesions

Anatomic site Adrenal
 Biliary Tract
 Bladder
 Bone
 Breast
 Buccal
 Brain

Location of lesion _____

Timepoint of Tumor Assessment Screening
 Week 6
 Week 12
 Week 18
 Week 24
 Week 30

Not Done

If not performed, please specify reason _____

Date of Procedure (dd/MMM/yyyy) _____

Method of Assessment Conventional CT Scan
 Spiral CT
 MRI
 PET
 PET/CT(fusion)
 Physical Examination
 Other

If other, please specify _____

SDTM of Oncology Clinical Trial

- **Tumor** Assessment

- Location (Site)
- Timepoint (Visit)
- Date
- Method

Folder: Tumor Assessment >> Target Lesions		TU (Tumor Identification)	TR (Tumor Result)
Form: Tumor Assessment - Target Lesions		TUORRES=TARGET	
Anatomic site	<input type="checkbox"/> Adrenal <input type="checkbox"/> Biliary Tract <input type="checkbox"/> Bladder <input type="checkbox"/> Bone <input type="checkbox"/> Breast <input type="checkbox"/> Buccal <input type="checkbox"/> Brain	TULOC	
Location of lesion			
Timepoint of Tumor Assessment	<input type="checkbox"/> Screening <input type="checkbox"/> Week 6 <input type="checkbox"/> Week 12 <input type="checkbox"/> Week 18 <input type="checkbox"/> Week 24 <input type="checkbox"/> Week 30	TUTPT	TRTPT
Not Done	<input type="checkbox"/>		
If not performed, please specify reason			
Date of Procedure (dd/MMM/yyyy)		TUDTC	TRDTC
Method of Assessment	<input type="checkbox"/> Conventional CT Scan <input type="checkbox"/> Spiral CT <input type="checkbox"/> MRI <input type="checkbox"/> PET <input type="checkbox"/> PET/CT(fusion) <input type="checkbox"/> Physical Examination <input type="checkbox"/> Other	TUMETHOD	TRMETHOD
If other, please specify		SUPPTU.QVAL when QNAM=METHSP	

SDTM of Oncology Clinical Trial

TU (Tumor Identification)

Folder: Tumor Assessment >> Target Lesions
 Form: Tumor Assessment - Target Lesions

TUORRES=TARGET

Anatomic site Adrenal
 Biliary Tract
 Bladder
 Bone **TULOC**
 Breast
 Buccal
 Brain

Location of lesion _____

Timepoint of Tumor Assessment Screening
 Week 6
 Week 12 **TUTPT**
 Week 18
 Week 24
 Week 30

Not Done

If not performed, please specify reason _____

Date of Procedure (dd/MMM/yyyy) _____ **TUDTC**

Method of Assessment Conventional CT Scan
 Spiral CT
 MRI
 PET **TUMETHOD**
 PET/CT(fusion)
 Physical Examination
 Other

If other, please specify _____ **SUPPTU.QVAL when QNAM=METHOD**

• SDTM TU – Tumor Identification

DOMAIN	USUBJ ID	TULNKID	TUORRES	TULOC	TUTPT	TUDTC	TUMETHOD
TU	001	T1	TARGET	LIVER	Screening	2020-08-25	CT
TU	001	T1	TARGET	LIVER	Week 6	2020-10-26	CT
TU	001	T1	TARGET	LIVER	Week 12	2020-12-23	CT
TU	001	T1	TARGET	LIVER	End of Treatment	2021-02-16	CT
TU	001	T2	TARGET	LIVER	Screening	2020-08-25	CT
TU	001	T2	TARGET	LIVER	Week 6	2020-10-26	CT
TU	001	T2	TARGET	LIVER	Week 12	2020-12-23	CT
TU	001	T2	TARGET	LIVER	End of Treatment	2021-02-16	CT
TU	002	T1	TARGET	VAGINA	Screening	2020-11-12	MRI
TU	002	T1	TARGET	VAGINA	Week 6	2021-01-27	MRI
TU	002	T1	TARGET	VAGINA	Week 12	2021-03-18	MRI
TU	002	NT1	NON-TARGET	LYMPH NODE	Screening	2020-11-12	CT
TU	002	NT1	NON-TARGET	LYMPH NODE	Week 6	2021-01-26	CT
TU	002	NT1	NON-TARGET	LYMPH NODE	Week 12	2021-03-18	CT
TU	002	NT2	NON-TARGET	OTHER	Screening	2020-11-12	CT
TU	002	NT2	NON-TARGET	OTHER	Week 6	2021-01-26	CT
TU	002	NT2	NON-TARGET	OTHER	Week 12	2021-03-18	CT
TU	002	NEW1	NEW		Week 6		
TU	002	NEW1	NEW		Week 12		

Data Collection of Oncology Clinical Trial

- **Response** Evaluation

- Timepoint (Visit)
- Date
- Tumor Size
- Overall Response

Folder: Tumor Assessment >> Response Evaluation
Form: Response Evaluation

Timepoint of Response Evaluation	Week 6 <input type="radio"/>
	Week 12 <input type="radio"/>
	Week 18 <input type="radio"/>
	Week 24 <input type="radio"/>
	Week 30 <input type="radio"/>
Date of Evaluation for Overall Response (dd/MMM/yyyy) _____	
Target Lesion Evaluation	Complete Response (CR) <input type="radio"/>
	Partial Response (PR) <input type="radio"/>
	Stable Disease (SD) <input type="radio"/>
	Progressive Disease (PD) <input type="radio"/>
	Not Evaluable (NE) <input type="radio"/>
Sum of Diameter	Fixed Unit: mm
Non-Target Lesion Evaluation	Complete Response (CR) <input type="radio"/>
	Non-CR / Non-PD <input type="radio"/>
	Progressive Disease (PD) <input type="radio"/>
	Not Evaluable (NE) <input type="radio"/>
	Not Applicable (No non-target lesion at baseline) <input type="radio"/>
	Not Done <input type="radio"/>
New lesions present?	Yes <input type="radio"/>
	No <input type="radio"/>
Overall Response	Complete Response (CR) <input type="radio"/>
	Partial Response (PR) <input type="radio"/>
	Stable Disease (SD) <input type="radio"/>
	Progressive Disease (PD) <input type="radio"/>
	Not Evaluable (NE) <input type="radio"/>
	Not Done <input type="radio"/>

SDTM of Oncology Clinical Trial

• Response Evaluation

- Timepoint (Visit)
- Date
- Tumor Size
- Overall Response

Folder: Tumor Assessment >> Response Evaluation **RS (Disease Response)**

Form: Response Evaluation

Timepoint of Response Evaluation Week 6

RSTPT

Week 12

Week 18

Week 24

Week 30

Date of Evaluation for Overall Response (dd/MMM/yyyy) **RSDTC**

Target Lesion Evaluation Complete Response (CR)

RSORRES

when RSTESTCD=TRGRES

Partial Response (PR)

Stable Disease (SD)

Progressive Disease (PD)

Not Evaluable (NE)

Sum of Diameter Fixed Unit: mm

Non-Target Lesion Evaluation Complete Response (CR)

RSORRES

when RSTESTCD=NTRGRES

Non-CR / Non-PD

Progressive Disease (PD)

Not Evaluable (NE)

Not Applicable (No non-target lesion at baseline)

Not Done

New lesions present? Yes

No

Overall Response Complete Response (CR)

RSORRES

when RSTESTCD=OVRRESP

Partial Response (PR)

Stable Disease (SD)

Progressive Disease (PD)

Not Evaluable (NE)

Not Done

TR (Tumor Result)

TRTPT

TRDTC

TRORES
when TRTESTCD=SUMDIAM

SDTM of Oncology Clinical Trial

Folder: Tumor Assessment >> Response Evaluation **RS (Disease Response)**

Form: Response Evaluation

Timepoint of Response Evaluation Week 6 Week 12 Week 18 Week 24 Week 30

RSTPT

Date of Evaluation for Overall Response (dd/MMM/yyyy) **RSDTC**

Target Lesion Evaluation Complete Response (CR) Partial Response (PR) Stable Disease (SD) Progressive Disease (PD) Not Evaluable (NE)

RSORRES
when RSTESTCD=TRGRES

Sum of Diameter Fixed Unit: mm

Non-Target Lesion Evaluation Complete Response (CR) Non-CR / Non-PD Progressive Disease (PD) Not Evaluable (NE) Not Applicable (No non-target lesion at baseline) Not Done

RSORRES
when RSTESTCD=NTRGRES

New lesions present? Yes No

Overall Response Complete Response (CR) Partial Response (PR) Stable Disease (SD) Progressive Disease (PD) Not Evaluable (NE) Not Done

RSORRES
when RSTESTCD=OVRRESP

• SDTM RS – Disease Response

DOMA IN	USUB JID	RSLNK GRP	RSTESTCD	RSTEST	RSORRES	RSTPT	RSDTC
RS	001		TRGRES	Target Response	SD	Week 6	2020-10-26
RS	001		TRGRES	Target Response	PR	Week 12	2020-12-23
RS	001		TRGRES	Target Response	PD	End of Treatment	2021-02-16
RS	001	A2	OVRRESP	Overall Response	SD	Week 6	2020-10-26
RS	001	A3	OVRRESP	Overall Response	PR	Week 12	2020-12-23
RS	001	A4	OVRRESP	Overall Response	PD	End of Treatment	2021-02-16
RS	002		TRGRES	Target Response	SD	Week 6	2021-01-27
RS	002		TRGRES	Target Response	SD	Week 12	2021-03-18
RS	002		NTRGRES	Non-target Response	Non-CR/Non-PD	Week 6	2021-01-27
RS	002		NTRGRES	Non-target Response	Non-CR/Non-PD	Week 12	2021-03-18
RS	002		NEWLS	New Lesions	No	Week 6	2021-01-27
RS	002		NEWLS	New Lesions	No	Week 12	2021-03-18
RS	002	A2	OVRRESP	Overall Response	SD	Week 6	2021-01-27
RS	002	A3	OVRRESP	Overall Response	SD	Week 12	2021-03-18

SDTM of Oncology Clinical Trial

Folder: Tumor Assessment >> Response Evaluation
 Form: Response Evaluation

Timepoint of Response Evaluation

Week 6

Week 12

Week 18

Week 24

Week 30

TR (Tumor Result)

TRTPT

Date of Evaluation for Overall Response (dd/MMM/yyyy)

TRDTC

Target Lesion Evaluation

Complete Response (CR)

Partial Response (PR)

Stable Disease (SD)

Progressive Disease (PD)

Not Evaluable (NE)

Sum of Diameter

TRORES when TRTESTCD=SUMDIAM

Non-Target Lesion Evaluation

Complete Response (CR)

Non-CR / Non-PD

Progressive Disease (PD)

Not Evaluable (NE)

Not Applicable (No non-target lesion at baseline)

Not Done

New lesions present?

Yes

No

Overall Response

Complete Response (CR)

Partial Response (PR)

Stable Disease (SD)

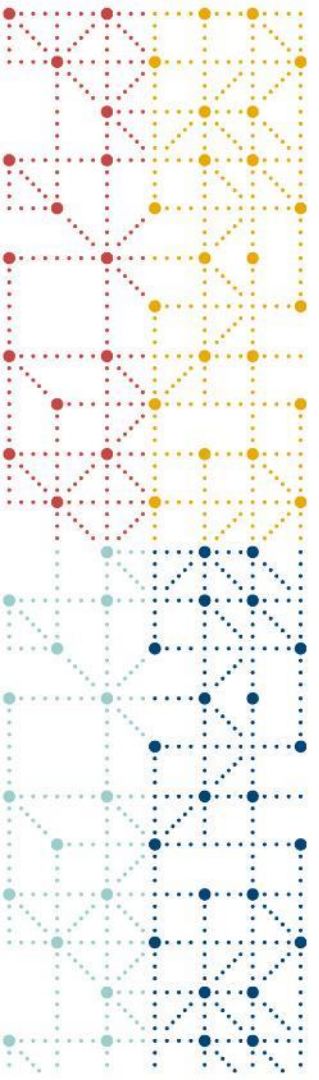
Progressive Disease (PD)

Not Evaluable (NE)

Not Done

• SDTM TR – Tumor Result

DOM AIN	USUB JID	TRLN KID	TRLN KGRP	TRTESTCD	TRTEST	TROR RES	TRORR ESU	TRTPT	TRDTC
TR	007	T1	A1	SUMDIAM	Sum of Diameter	98	mm	Screening	2020-08-25
TR	007	T1	A2	SUMDIAM	Sum of Diameter	76	mm	Week 6	2020-10-26
TR	007	T1	A3	SUMDIAM	Sum of Diameter	56	mm	Week 12	2020-12-23
TR	007	T1	A4	SUMDIAM	Sum of Diameter	76	mm	EOT	2021-02-16
TR	008	T1	A1	SUMDIAM	Sum of Diameter	36.1	mm	Screening	2020-11-12
TR	008	T1	A2	SUMDIAM	Sum of Diameter	28.7	mm	Week 6	2021-01-27
TR	008	T1	A3	SUMDIAM	Sum of Diameter	32.6	mm	Week 12	2021-03-18



ADaM and Analysis in Oncology Clinical Trial

From Analysis result to ADaM

Response Rate – Analysis

Table 14.2.1
Objective Response Rate / Disease Control Rate
FAS

	Treatment (N=17)	Control (N=7)
Best Overall Response, n(%)		
Complete Response	2(11.76)	0
Partial Response	7(41.18)	3(42.86)
Stable Disease	6(35.29)	3(42.86)
Progressive Disease	2(11.76)	1(14.29)
Not Evaluable	0	0
Objective Response Rate, n(%)	9(52.94)	3(42.86)
95% Confidence Interval	[27.81, 77.02]	[9.90, 81.59]
Disease Control Rate, n(%)	15(88.24)	6(85.71)
Exact 95% Confidence Interval	[63.56, 98.54]	[42.13, 99.64]

- **Best Overall Response (BOR)**
 - best response recorded across all post-baseline time points
 - CR or PR confirmed at a subsequent assessment at least 4 weeks later
 - SD must meet the protocol-specified minimum time from baseline (at least 5 weeks)
- **Object Response Rate (ORR)**
 - proportion of subjects whose BOR is CR or PR
- **Disease Control Rate (DCR)**
 - proportion of subjects whose BOR is CR or PR or SD

Response Rate – Analysis and ADaM

Table 14.2.1
Objective Response Rate / Disease Control Rate

FAS

FASFL = Y

• ADRS – Response Analysis Data

	TRTP	Treatment (N=17)	Control (N=7)
PARAM			
Best Overall Response, n(%)			
Complete Response		2(11.76)	0
Partial Response	AVALC	7(41.18)	3(42.86)
Stable Disease		6(35.29)	3(42.86)
Progressive Disease		2(11.76)	1(14.29)
Not Evaluable		0	0
Objective Response Rate, n(%)	CRIT01	9(52.94)	3(42.86)
95% Confidence Interval	CRIT01FL = Y	[27.81, 77.02]	[9.90, 81.59]
Disease Control Rate, n(%)		15(88.24)	6(85.71)
Exact 95% Confidence Interval	CRIT02	[63.56, 98.54]	[42.13, 99.64]
	CRIT02FL = Y		

SUBJID	FAS FL	TRTP	PARQU AL	PARAM	AVALC	CRIT01	CRIT01FL	CRIT02	CRIT02FL
001	Y	Treatment	Investigator	Best Overall Response	SD	Is the BOR CR or PR?	N	Is the BOR CR or PR or SD?	Y
002	Y	Control	Investigator	Best Overall Response	SD	Is the BOR CR or PR?	N	Is the BOR CR or PR or SD?	Y
003	Y	Control	Investigator	Best Overall Response	PR	Is the BOR CR or PR?	Y	Is the BOR CR or PR or SD?	Y
004	Y	Treatment	Investigator	Best Overall Response	PD	Is the BOR CR or PR?	N	Is the BOR CR or PR or SD?	N
005	Y	Control	Investigator	Best Overall Response	SD	Is the BOR CR or PR?	N	Is the BOR CR or PR or SD?	Y
006	Y	Treatment	Investigator	Best Overall Response	CR	Is the BOR CR or PR?	Y	Is the BOR CR or PR or SD?	Y

Time to Event – Analysis

Table 14.2.1
Progression-Free Survival
FAS

	Treatment (N=17)	Control (N=14)
Number of Subjects, n(%)	17(100.00)	14(100.00)
Event		
Death	0	0
Progression	14(82.35)	10(71.43)
Censoring		
Received new anti-cancer therapy before Progression	0	2(14.29)
No Progression or Death	3(17.65)	2(14.29)
Progression or Death after Missing	0	0
No baseline tumor assessment	0	0
Progression Free Survival		
Median Survival Time (days)	246.00	221.00
95% Confidence Interval	[154.00, 336.00]	[136.00, 279.00]

- Progression-Free Survival (PFS)

- time from randomization (or first dose date) to the first documented PD or death due to any cause
- censoring rule

Step	Scenario	Outcome	Event or Censor Date
1	PD (no censoring criteria met)	Event	Date of PD
2	Death before first PD assessment (no censoring criteria met)	Event	Date of death
3	PD or death right after two or more consecutively missed tumor assessments and no other censoring criteria met	Censored	Date of last tumor assessment of CR, PR, or SD prior to the missed visits; if such tumor assessment does not exist, efficacy reference start date
4	Subsequent cancer-related therapy started before PD or death observed	Censored	Date of last tumor assessment of CR, PR, or SD on or prior to date of subsequent cancer related therapy; if such tumor assessment does not exist, efficacy reference start date
5	No documented PD or death	Censored	Date of last tumor assessment of CR, PR, or SD; if such tumor assessment does not exist, efficacy reference start date

Time to Event – Analysis and ADaM

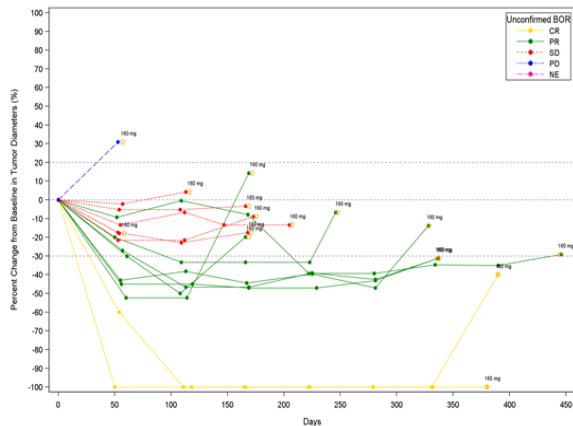
Table 14.2.1
Progression-Free Survival
FAS

FASFL = Y

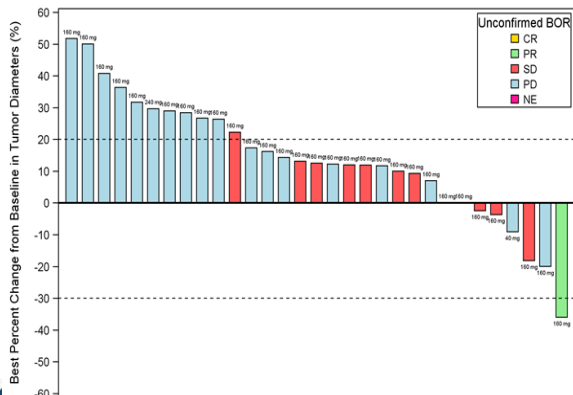
• ADTTE – Time-to Event Analysis Data

				SUB JID	FAS FL	TRTP	PARAMCD	START DT	ADT	AVAL	CNSR	EVNTDESC	CNSDTDSC
TRTP		Treatment (N=17)	Control (N=14)	001	Y	Treatment	OS	2020-09-03	2021-12-18	472	0	Death	
TRTP		Treatment (N=17)	Control (N=14)	001	Y	Treatment	PFS	2020-09-03	2021-02-16	167	0	Progression	
Number of Subjects, n(%)		17(100.00)	14(100.00)	002	Y	Control	OS	2020-12-03	2022-04-16	500	0	Death	
Event	CNSR			002	Y	Control	PFS	2020-12-03	2021-03-18	106	1	Received new anti-cancer therapy before Progression	Date of last tumor assessment before starting new anti-cancer therapy
Death		0	0	003	Y	Control	OS	2021-01-22	2022-08-18	574	0	Death	
Progression	EVNTDESC	14(82.35)	10(71.43)	003	Y	Control	PFS	2021-01-22	2022-01-19	363	0	Progression	
Censoring				004	Y	Treatment	OS	2021-09-30	2022-08-27	332	0	Death	
Received new anti-cancer therapy before Progression		0	2(14.29)	004	Y	Treatment	PFS	2021-09-30	2021-11-23	55	0	Progression	
No Progression or Death		3(17.65)	2(14.29)	005	Y	Control	OS	2022-07-25	2023-03-14	233	1	Subjects alive or lost to follow-up	Date of last follow-up
Progression or Death after Missing		0	0	005	Y	Control	PFS	2022-07-25	2022-10-24	92	0	Progression	
No baseline tumor assessment		0	0	005	Y	Control	DOR	2022-03-24	2022-12-29	281	0	Progression	
PARAMCD													
Progression Free Survival													
Median Survival Time (days)	AVAL	246.00	221.00										
95% Confidence Interval		[154.00, 336.00]	[136.00, 279.00]										

Tumor Shrinkage – Analysis

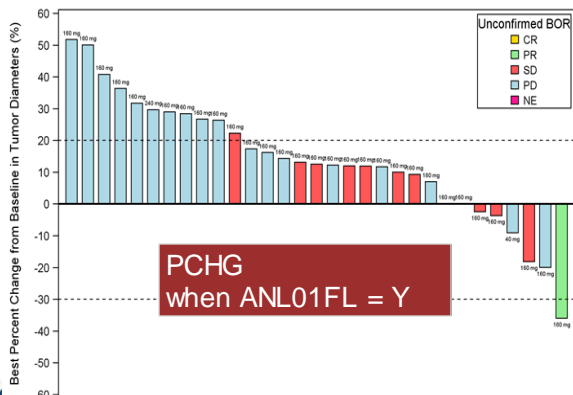
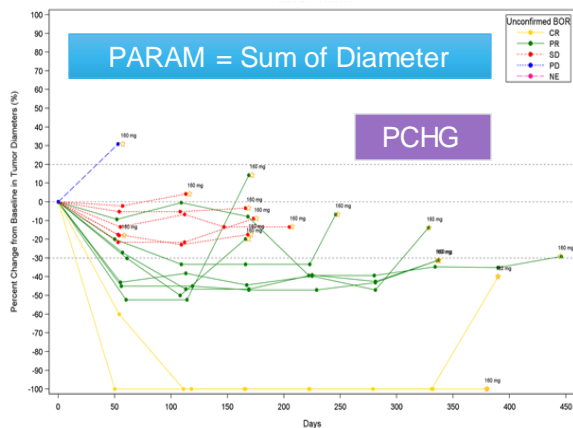


- Spider Plot
 - Percent Change in Tumor Size



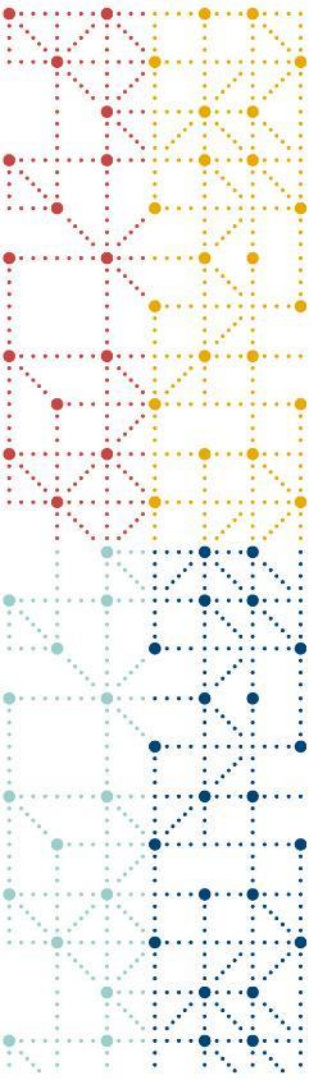
- Waterfall plot
 - Best (Maximum) Percent Change in Tumor Size

Tumor Shrinkage – Analysis and ADaM



• ADTS – Tumor Shrinkage Analysis Data

SUBJ ID	FAS FL	TRTP	AVISIT	ADT	PARAM	AVAL	ABL FL	BASE	PCHG	ANL01FL
001	Y	TRT	Screening	2020-08-25	Diameter of Lesion 1	47	Y	47	0	
001	Y	TRT	Cycle 3 Day 1	2020-10-26	Diameter of Lesion 1	38		47	-19.149	
001	Y	TRT	Cycle 5 Day 1	2020-12-23	Diameter of Lesion 1	28		47	-40.426	
001	Y	TRT	EOT	2021-02-16	Diameter of Lesion 1	45		47	-4.255	
001	Y	TRT	Screening	2020-08-25	Diameter of Lesion 2	51	Y	51	0	
001	Y	TRT	Cycle 3 Day 1	2020-10-26	Diameter of Lesion 2	38		51	-25.49	
001	Y	TRT	Cycle 5 Day 1	2020-12-23	Diameter of Lesion 2	28		51	-45.098	
001	Y	TRT	EOT	2021-02-16	Diameter of Lesion 2	31		51	-39.216	
001	Y	TRT	Screening	2020-08-25	Sum of Diameter	98	Y	98	0	
001	Y	TRT	Cycle 3 Day 1	2020-10-26	Sum of Diameter	76		98	-22.449	
001	Y	TRT	Cycle 5 Day 1	2020-12-23	Sum of Diameter	56		98	-42.857	Y
001	Y	TRT	EOT	2021-02-16	Sum of Diameter	76		98	-22.449	
004	Y	Control	Screening	2021-09-03	Diameter of Lesion 1	14	Y	14	0	
004	Y	Control	Cycle 3 Day 1	2021-11-23	Diameter of Lesion 1	29		14	107.14	
004	Y	Control	Screening	2021-09-03	Diameter of Lesion 2	22	Y	22	0	
004	Y	Control	Cycle 3 Day 1	2021-11-23	Diameter of Lesion 2	28		22	27.273	
004	Y	Control	Screening	2021-09-03	Sum of Diameter	36	Y	36	0	
004	Y	Control	Cycle 3 Day 1	2021-11-23	Sum of Diameter	57		36	58.333	Y

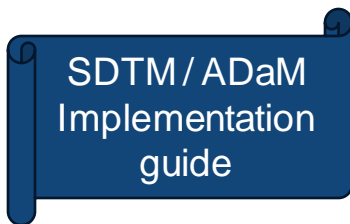
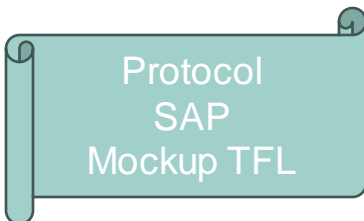


Mapping to ADaM in Oncology Clinical Trial

From SDTM to ADaM

Creating Efficacy ADaMs of Oncology Clinical Trial

Document



Source Data

- ADaM



TRTSDT
DTHDT
..

- SDTM



Efficacy ADaMs



Tumor Shrinkage
Analysis Data



Intermediate ADaM



Response
Analysis Data



Time to Event
Analysis Data

Intermediate ADaM dataset

- ADEV** – Evaluation Result Analysis Data

- CR or PR **confirmed** at a subsequent assessment **at least 4 weeks** later.
- SD must meet the protocol-specified minimum time from baseline (**at least 5 weeks**)

USUBJ ID	PARAM	TRTSDT	RSTPT	RSDT	AVALC	NXAV ALC	ANXAV ALC	PRERSDT	NXRSDT	TTRS	TTNXRS	DURB WRS	DURP RE	COR
001	Objective Response	2020-09-03	Week 6	2020-10-26	SD	PR	PD		2020-12-23	53	111	58	53	SD
001	Objective Response	2020-09-03	Week 12	2020-12-23	PR	PD		2020-10-26	2021-02-16	111	166	55	58	SD
001	Objective Response	2020-09-03	End of Treatment	2021-02-16	PD			2020-12-23		166			55	PD
002	Objective Response	2020-12-03	Week 6	2021-01-27	SD	SD			2021-03-18	55	105	50	55	SD
002	Objective Response	2020-12-03	Week 12	2021-03-18	SD			2021-01-27		105			50	SD
003	Objective Response	2021-01-22	Week 6	2021-03-18	PR	PR	PR		2021-05-12	55	110	55	55	PR
003	Objective Response	2021-01-22	Week 12	2021-05-12	PR	PR	PD	2021-03-18	2021-07-08	110	167	57	55	PR
003	Objective Response	2021-01-22	Week 18	2021-07-08	PR	PD		2021-05-12	2021-09-02	167	223	56	57	SD
003	Objective Response	2021-01-22	End of Treatment	2021-09-02	PD			2021-07-08		223			56	PD

- ADRS** – Response Analysis Data

SUBJID	FASFL	TRTP	PARQUAL	PARAM	AVALC	ADT
001	Y	Treatment	Investigator	Best Overall Response	SD	2020-10-26
002	Y	Control	Investigator	Best Overall Response	SD	2021-01-27
003	Y	Control	Investigator	Best Overall Response	PR	2021-03-18

Intermediate ADaM dataset

- ADEV** – Evaluation Result Analysis Data

USUBJ ID	PARAM	TRTSDT	RSTPT	RSDDT	AVALC
001	Objective Response	2020-09-03	Week 6	2020-10-26	SD
001	Objective Response	2020-09-03	Week 12	2020-12-23	PR
001	Objective Response	2020-09-03	End of Treatment	2021-02-16	PD
002	Objective Response	2020-12-03	Week 6	2021-01-27	SD
002	Objective Response	2020-12-03	Week 12	2021-03-18	SD
003	Objective Response	2021-01-22	Week 6	2021-03-18	PR
003	Objective Response	2021-01-22	Week 12	2021-05-12	PR
003	Objective Response	2021-01-22	Week 18	2021-07-08	PR
003	Objective Response	2021-01-22	End of Treatment	2021-09-02	PD

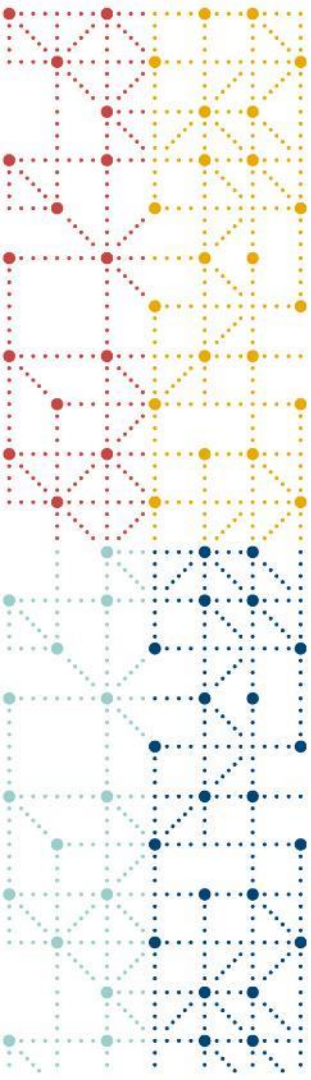
- ADTTE** – Time to Event Analysis Data

- ADSL** – Subject Level Analysis Data

USUBJID	FASFL	TRTSDT	DTHDT	LEVDT
001	Y	2020-09-03	2021-12-19	2021-02-16
001	Y	2020-12-03	2022-04-16	2021-03-18
001	Y	2021-01-22	2022-08-18	2022-01-19

• **PFS**
: Time from first dose date to the first documented PD or death due to any cause

SUBJID	FASFL	PARAMCD	STARTDT	ADT	AVAL	CNSR	EVNTDESC	CNSDTDSC
001	Y	PFS	2020-09-03	2021-02-16	167	0	Progression	
002	Y	PFS	2020-12-03	2021-03-18	106	1	Received new anti-cancer therapy before Progression	Date of last tumor assessment before starting new anti-cancer therapy
003	Y	PFS	2021-01-22	2021-09-02	223	0	Progression	



Thank You!

Contact

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cdisc