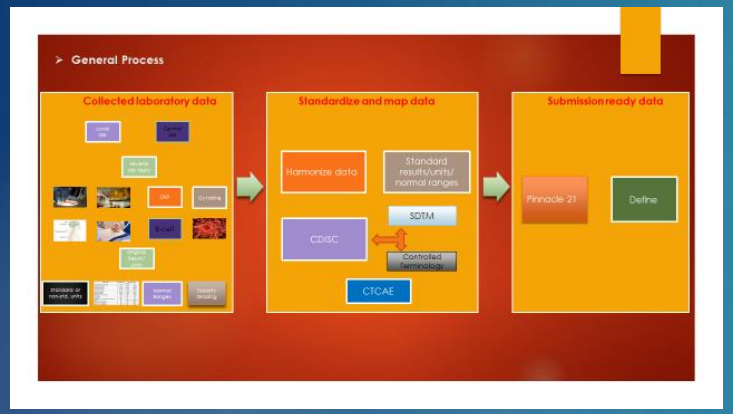
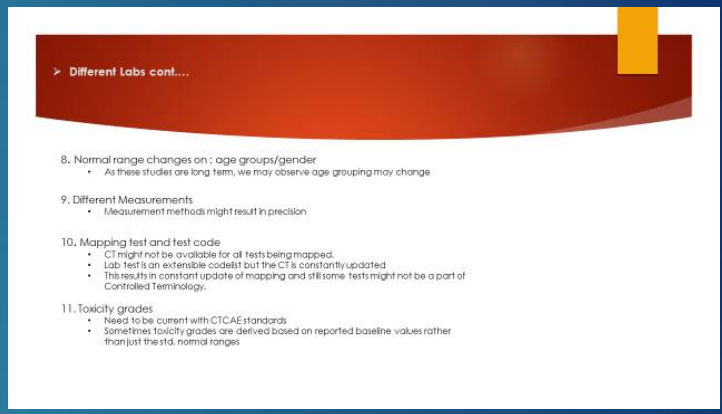
PP13. Challenges of mapping Laboratory data in Oncology Studies

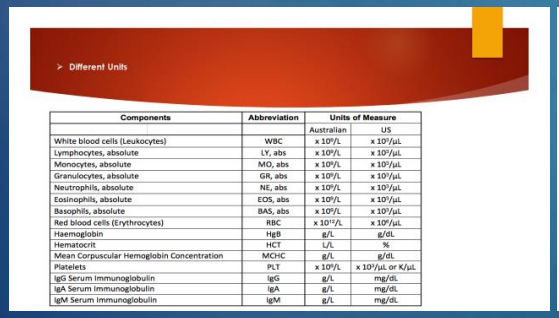
ABSTRACT:

In Oncology studies it is quite common to get complex laboratory data from different labs with different standards and measurements within similar tests. There can be variations in normal ranges, collected units, and connotations for collected results. Given the length of a typical Oncology study it is can also be challenging to keep up the changes in standards like NCI, CDISC etc. Lab domain is one of the main safety data sets and Oncology studies contain a myriad of different types of data when compared to a regular study which primarily contains only Hematology; Chemistry; Pregnancy data. Also, each patient will have numerous tests per visit per time point. When not planned properly we will face a lot of confusion when trying to map this data into analysis domains and eventually output into TLFs. In the poster will try and cover the challenges in mapping the collected data from various sources and assigning ranges; Toxicity grades; units and showcase some methods to anticipate and track data issues.

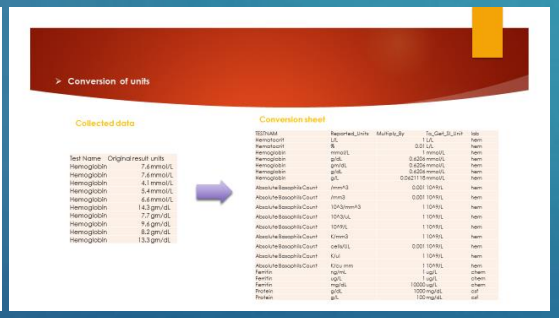


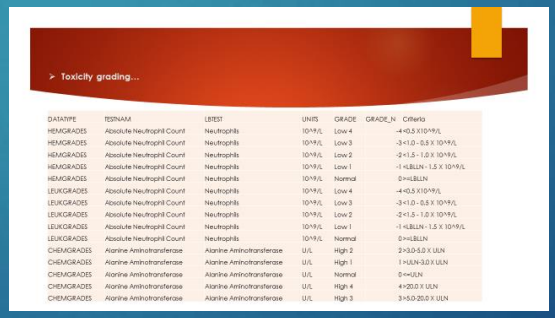


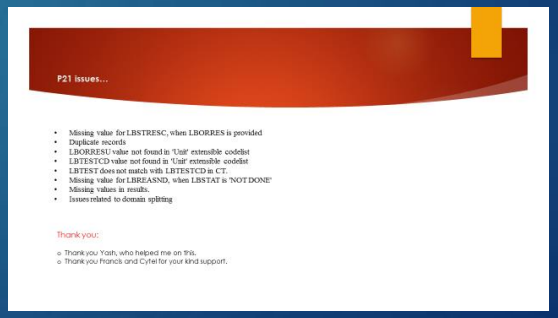




Components	Abbreviation	Units of Measure	
		Australian	US
White blood cells (Leukocytes)	WBC	x 10^9/L	x 10^3/µL
Lymphocytes, absolute	LY, abs	x 10^9/L	x 10^3/µL
Monocytes, absolute	MO, abs	x 10^9/L	x 10^3/µL
Granulocytes, absolute	GR, abs	x 10^9/L	x 10^3/µL
Neutrophils, absolute	NE, abs	x 10^9/L	x 10^3/µL
Eosinophils, absolute	EOS, abs	x 10^9/L	x 10^3/µL
Basophils, absolute	BAS, abs	x 10^9/L	x 10^3/µL
Red blood cells (Erythrocytes)	RBC	x 10^{12}/L	x 10^6/µL
Haemoglobin	HgB	g/L	g/dL
Hematocrit	HCT	L/L	%
Mean Corpuscular Hemoglobin Concentration	MCHC	g/L	g/dL
Platelets	PLT	x 10^9/L	x 10^3/µL or K/µL
IgG Serum Immunoglobulin	IgG	g/L	mg/dL
IgA Serum Immunoglobulin	IgA	g/L	mg/dL
IgM Serum Immunoglobulin	IgM	g/L	mg/dL







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