

Research article

Elranatamab versus Teclistamab in Relapsed and Refractory Multiple Myeloma: A

Real-world Propensity Score-matched Study

Running title: Elranatamab vs. Teclistamab in RRMM

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Table S1. Details of the diagnostic and procedural query codes used in analysis

Diagnosis		
Multiple myeloma	ICD-10-CM: C90.0	Multiple myeloma
	ICD-10-CM: C90.00	Multiple myeloma, not have achieving remission
	ICD-10-CM: C90.01	Multiple myeloma, in remission
	ICD-10-CM: C90.02	Multiple myeloma, in relapse
	ICD-O: 9732/3	Plasma cell myeloma
Medications		
Elranatamab	RxNorm: 2644880	
Teclistamab	RxNorm: 2619426	
Time to next treatment		
Deceased		
Pomalidomide	RxNorm: 1369713	
Ixazomib	RxNorm: 1723735	
Bortezomib	RxNorm: 358258	
Lenalidomide	RxNorm: 342369	
Cisplatin	RxNorm: 2555	
Etoposide	RxNorm: 4179	
Doxorubicin	RxNorm: 3639	
	RxNorm: 214525	
Elotuzumab	RxNorm: 1762104	

Selinexor	RxNorm: 2178390
Venetoclax	RxNorm: 1747556
Carfilzomib	RxNorm: 1302966
Daratumumab	RxNorm: 1721947
Cyclophosphamide	RxNorm: 3002
Bendamustine	RxNorm: 134547
Ciltacabtagene autoleucel	RxNorm: 2594775 RxNorm: OMOP5166616 HCPS: Q2056 ICD-10-PCS: XW033A7 ICD-10-PCS: XW043A7
Idecabtagene vicleucel	RxNorm: 2536430 HCPCS: Q2055 HCPCS: C9081 ICD-10-PCS: XW033K7 ICD-10-PCS: XW043K7
Talquetamab	RxNorm: 2644447 RxNorm: OMOP5169521 RxNorm: OMOP5555242 HCPCS: C9163 ICD-10-PCS: XW01329

Belantamab mafodotin	RxNorm: 2387834 RxNorm: 2387844 HCPCS: C9069 HCPCS: J9037	
Isatuximab	RxNorm: 2282018 HCPCS: J9227	
Autologous stem cell transplantation	ICD-10-PCS: 30230Y0 ICD-10-PCS: 30233Y0 CPT: 38241 CPT: 38206	
Outcomes (Diagnosis & Lab exams with LOINC)		
Deceased		
Anemia	TNX Curated: 9014	Grade 3 anemia: haemoglobin ≤
Grade 3 anemia	LOINC: 718-7	8.0 g/dL
Neutropenia	TNX Curated: 9018	Grade 3 neutropenia: neutrophil
Grade 3 neutropenia	LOINC: 751-8	≤ 500/mm ³
Febrile neutropenia	ICD-10-CM: R50.81	
Thrombocytopenia	TNX Curated: 9020	

	LOINC: 777-3	
All grade cytokine release syndrome	ICD-10-CM: D89.83 ICD-10-CM: D89.831 ICD-10-CM: D89.832 ICD-10-CM: D89.833 ICD-10-CM: D89.834 ICD-10-CM: D89.835 ICD-10-CM: D89.839	
All grade immune effector cell-associated neurotoxicity syndrome	ICD-10-CM: G92.0 ICD-10-CM: G92.00 ICD-10-CM: G92.01 ICD-10-CM: G92.02 ICD-10-CM: G92.03 ICD-10-CM: G92.04 ICD-10-CM: G92.05	
Tocilizumab	RxNorm: 612865 HCPCS: J3262 SNOWMED: 724164001 SNOWMED: 1179723002	
Anakinra	RxNorm: 72435	
Siltuximab	RxNorm: 1535218	

Levetiracetam	RxNorm: 114477	
Influenza	LOINC: 34487-9 LOINC: 92142-9 LOINC: 76078-5 LOINC: 92141-1 LOINC: 76080-1	
Pneumonia	ICD-10-CM: J18 ICD-10-CM: J18.9	
Fatigue	ICD-10-CM: R53	
Urinary tract infection	ICD-10-CM: N39.0	
Hypogammaglobulinemia	TNX Curated: LG9795-8 LOINC: 2465-3	
Liver toxicity	TNX Curated: 9050 TNX Curated: 9044 TNX Curated: 9047	Total bilirubin $\geq$ 3 mg/dL Alanine aminotransferase $\geq$ 200 mg/dL Aspartate aminotransferase $\geq$ 200 mg/dL
Pneumocystis jiroveci	LOINC: 6521-9 LOINC: 700-5 LOINC: 14522-7 LOINC: 88690-3 LOINC: 89996-3	

COVID-19	TNX Curated: 9088 LOINC: 94500-6 LOINC: 94309-2 LOINC: 94565-9 LOINC: 94535-5 LOINC: 94558-4 LOINC: 94759-8 LOINC: 94502-2	
Herpes zoster	CVX: 188 ICD-10-CM: B02 ICD-10-CM: B02.2 ICD-10-CM: B02.3 ICD-10-CM: B02.8 ICD-10-CM: B02.9 ICD-10-CM: B02.30 ICD-10-CM: B02.31 ICD-10-CM: B02.33	
Cytomegalovirus disease	ICD-10-CM: B25 ICD-10-CM: B25.9	

The codes used to identify patient diagnosis, medications, and laboratory results were based on the International Classification of Disease 10th Clinical Modification (ICD-10-CM), Logical Observation Identifier Name and Codes (LOINC), RxNorm, and Healthcare Common Procedure Coding System (HCPCS).