



O paciente triplo exposto que progride: minhas opções de anticorpos biespecíficos com base em estudos pivotais e dados de vida real



Fernando Pericole

Conflicts of interest – Fernando Pericole

I have the following financial relationships to disclose

Leadership position/advisory role for: Johnson & Johnson

Stockholder in: nothing to disclose

Patents and royalties from: nothing to disclose

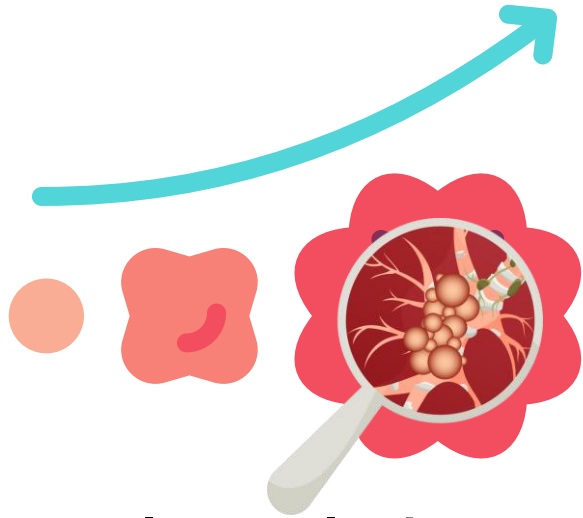
Honoraria (lecture fee) from: Johnson & Johnson, Takeda, Amgen, Abbvie, Astra Zeneca, Beigene

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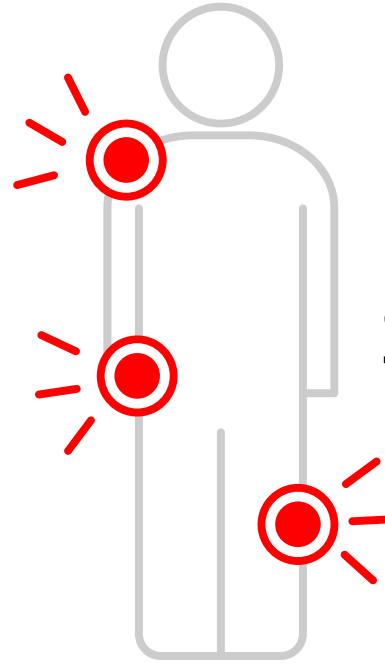
Grant / Research funding from: nothing to disclose

Other remuneration from: nothing to disclose

Challenges of relapsed and refractory MM



Clonal diversity



Spatial genetic heterogeneity



Clonal selection by previous therapies



Drug resistance

Outcomes after biochemical or clinical progression in patients with multiple myeloma

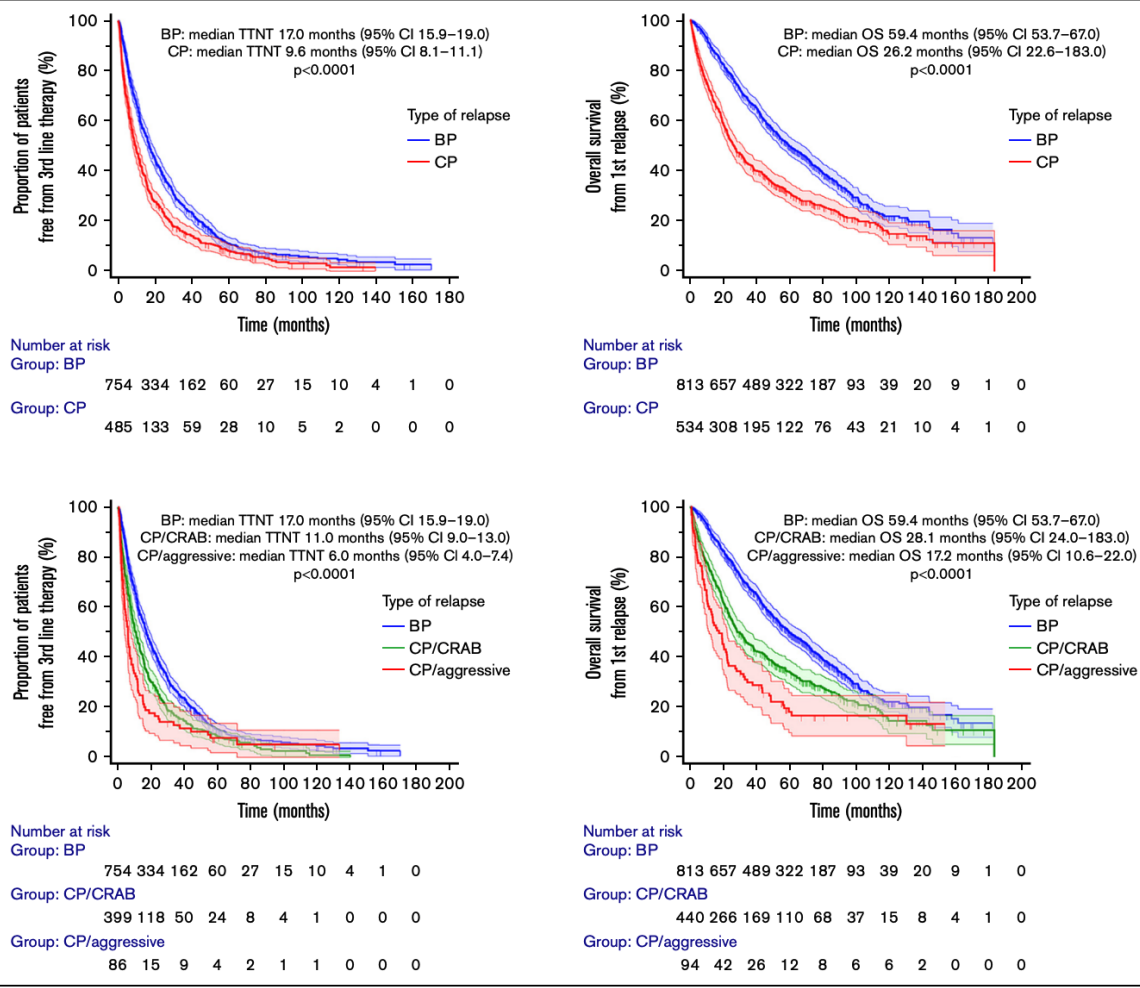
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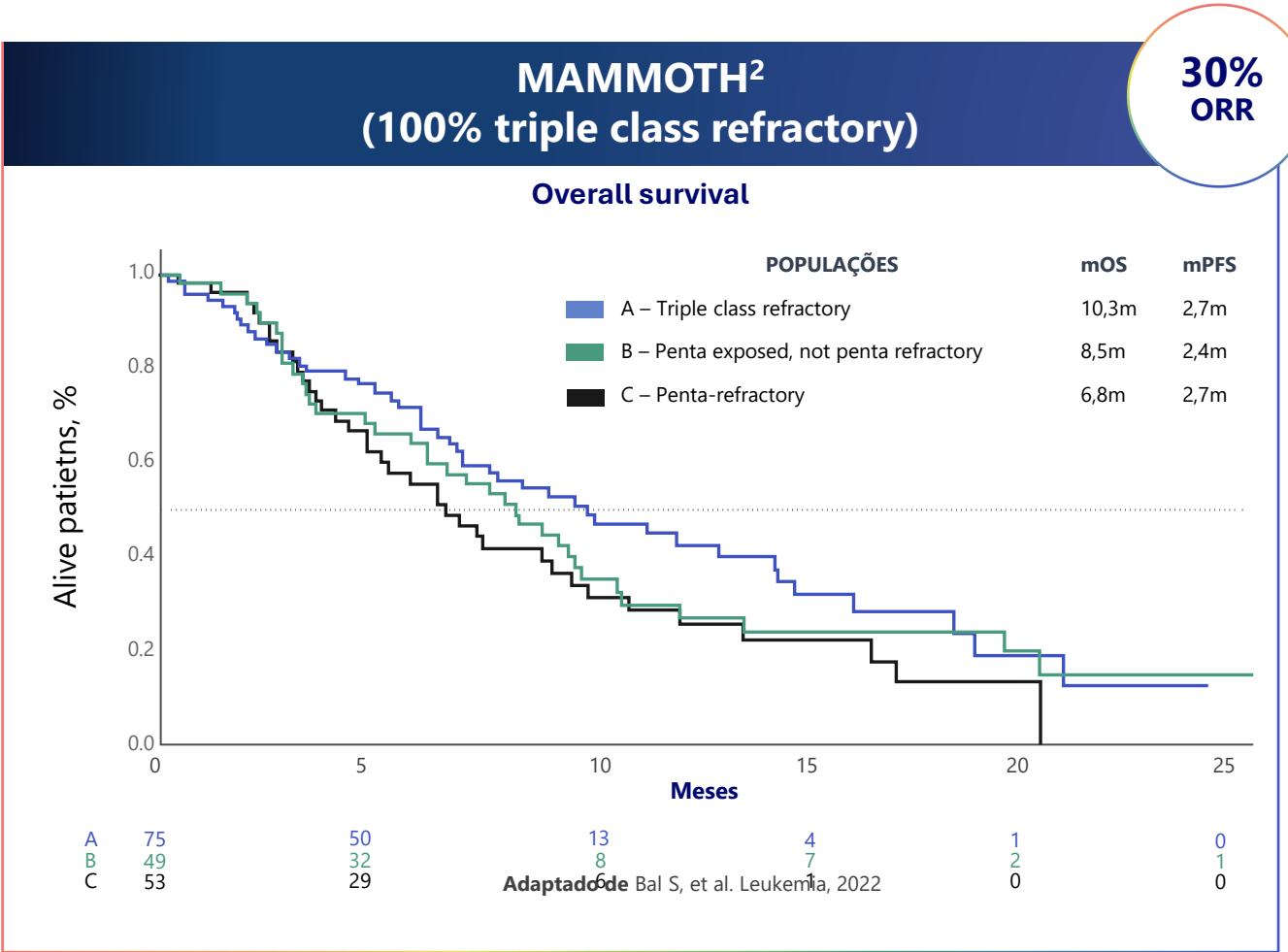
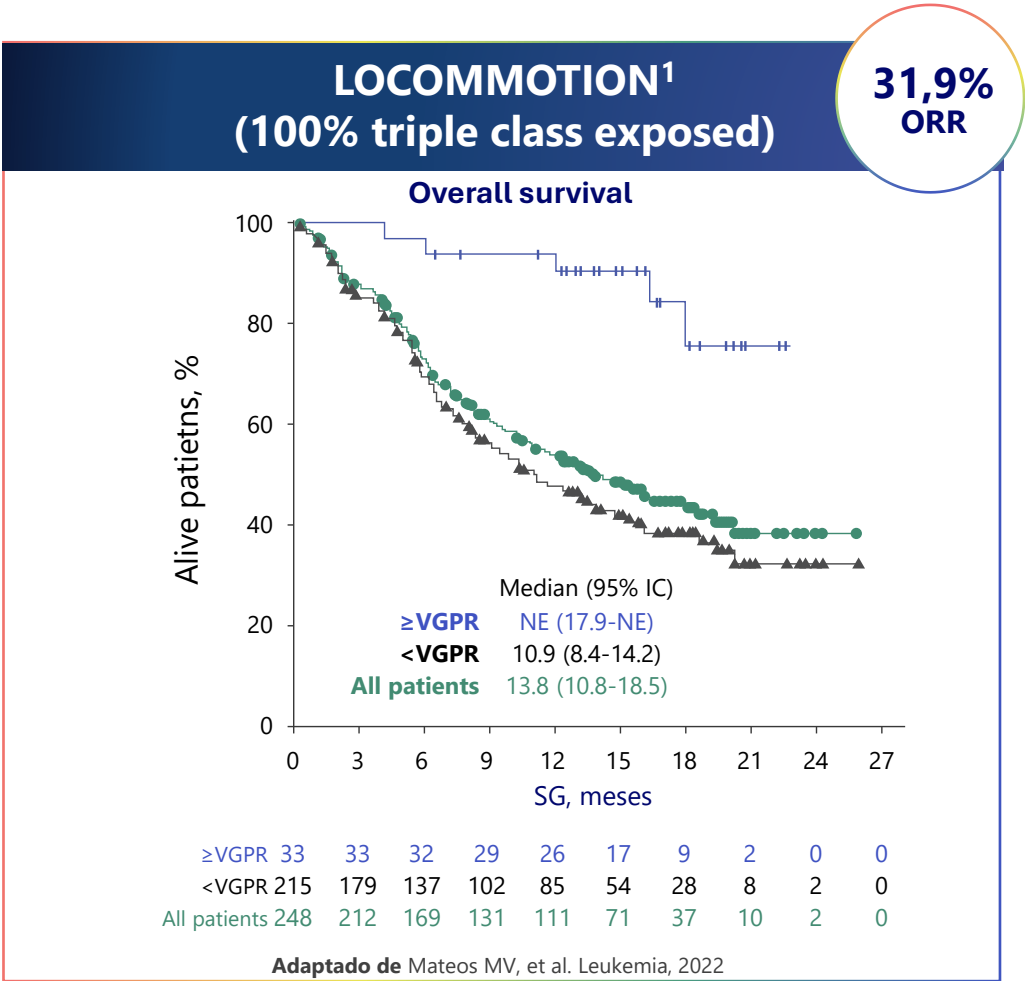
- Retrospective analysis of 1347 MM patients (2001-2018)
- **Biochemical progression:** 60% of cases
- **Clinical progression:** 40% of cases
- **Aggressive relapse:** EMD, plasma cell leukemia or plasmapheresis needed at relapse

Table 3. Changes in the prevalence of CRAB symptoms at first relapse in patients who experienced a particular CRAB symptom at diagnosis compared with patients without this particular CRAB symptom at diagnosis in the clinical progression group (n = 534)

At baseline	At first relapse			
	C: Hypercalcemia	R: Renal insufficiency	A: Anemia	B: New bone disease
C: Hypercalcemia	$P = .004$ OR, 3.3 95% CI, 1.4-7.5	NS	NS	NS
R: Renal insufficiency	NS	$P < .001$ OR, 3.6 95% CI, 1.9-6.7	NS	NS
A: Anemia	NS	$P = .02$ OR, 1.9 95% CI, 1.1-3.5	$P < .001$ OR, 2.1 95% CI, 1.4-3.2	$P = .001$ OR, 0.4 95% CI, 0.3-0.6
B: Bone disease	NS	$P = .01$ OR, 0.5 95% CI, 0.3-0.8	$P < .001$ OR, 0.4 95% CI, 0.3-0.6	$P < .001$ OR, 2.2 95% CI, 1.5-3.4

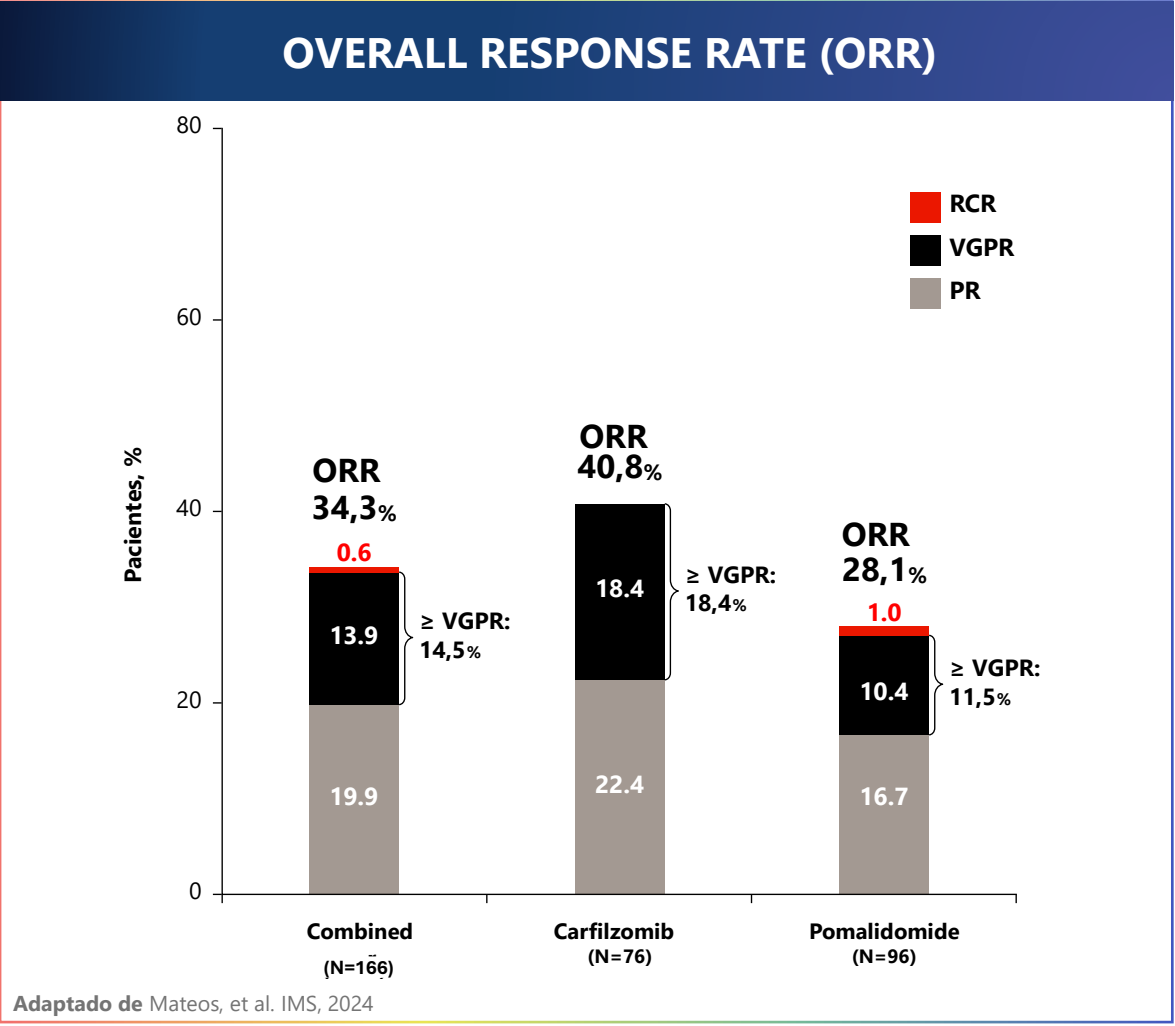
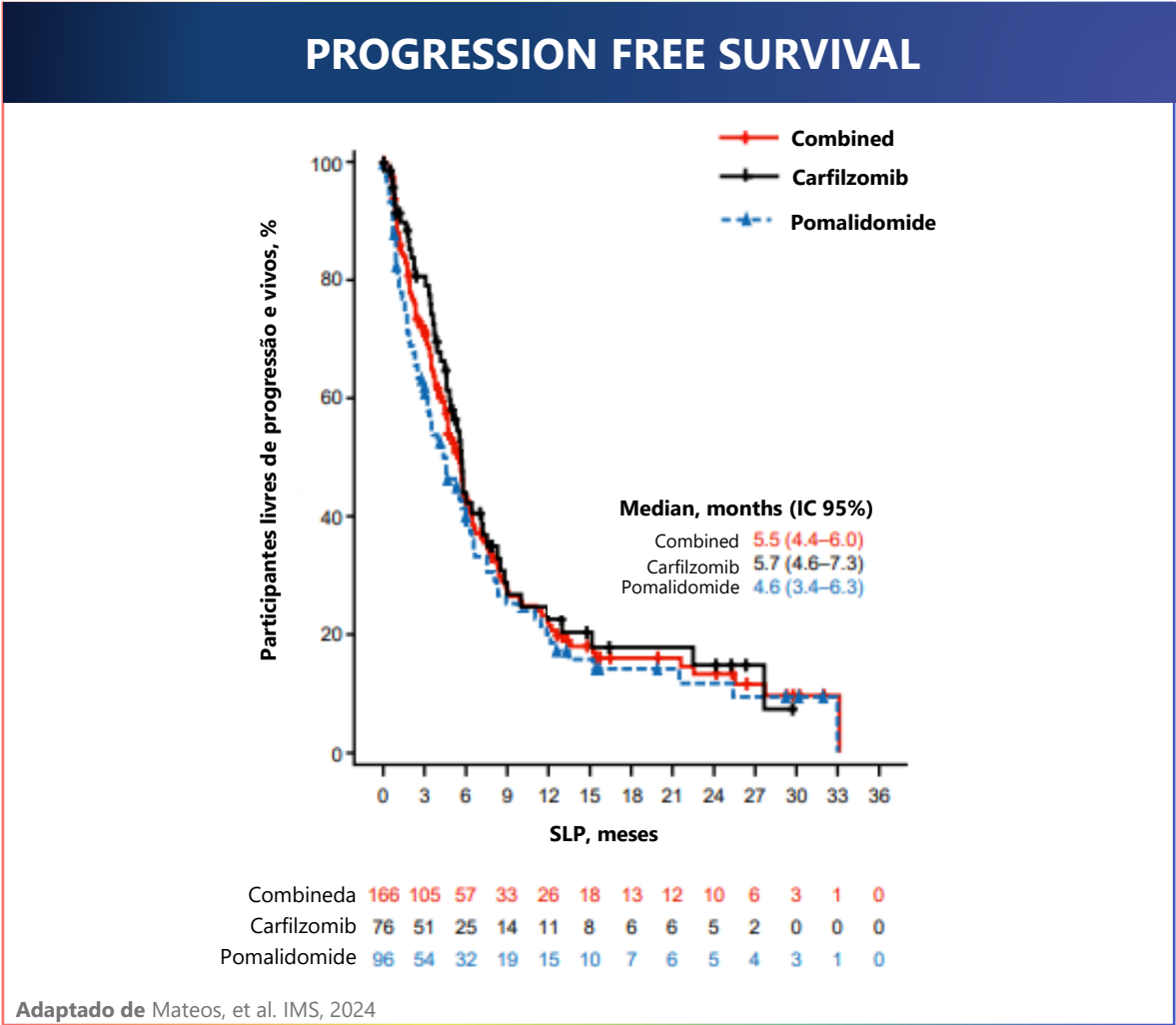


Real life data support that recycled therapies are not good options

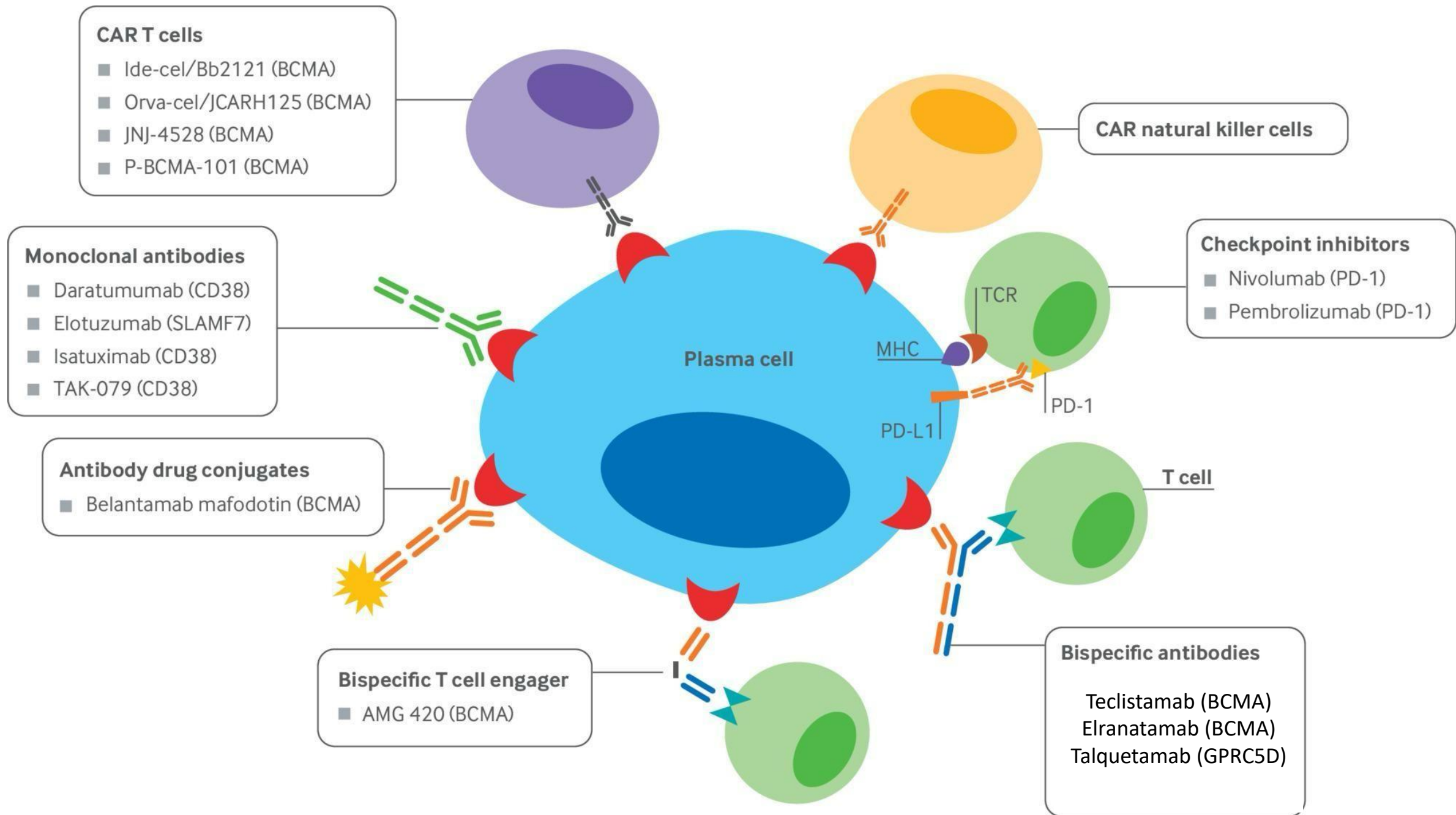


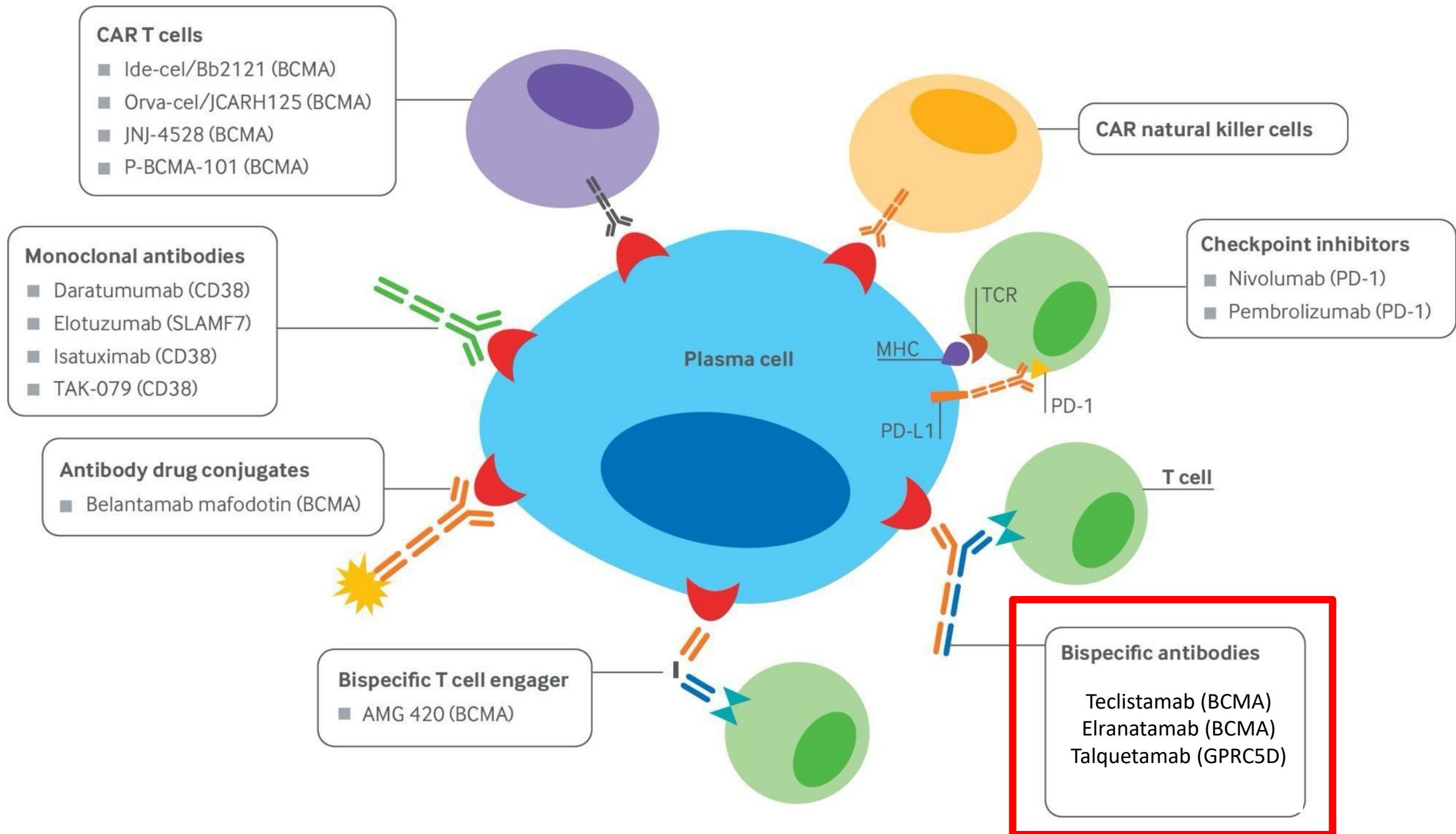
1. Mateos MV, et al. Locomotion: a prospective, non-interventional, multinational study of real-life current standards of care in patients with relapsed and/or refractory multiple myeloma. Leukemia. 2022;36(9):1371-1376; 2. Bal S, et al. Leukemia. 2022;36:877-80 3. Mikhael J. Treatment Options for Triple-class Refractory Multiple Myeloma. Clin Lymphoma Myeloma Leuk. 2020 Jan;20(1):1-7

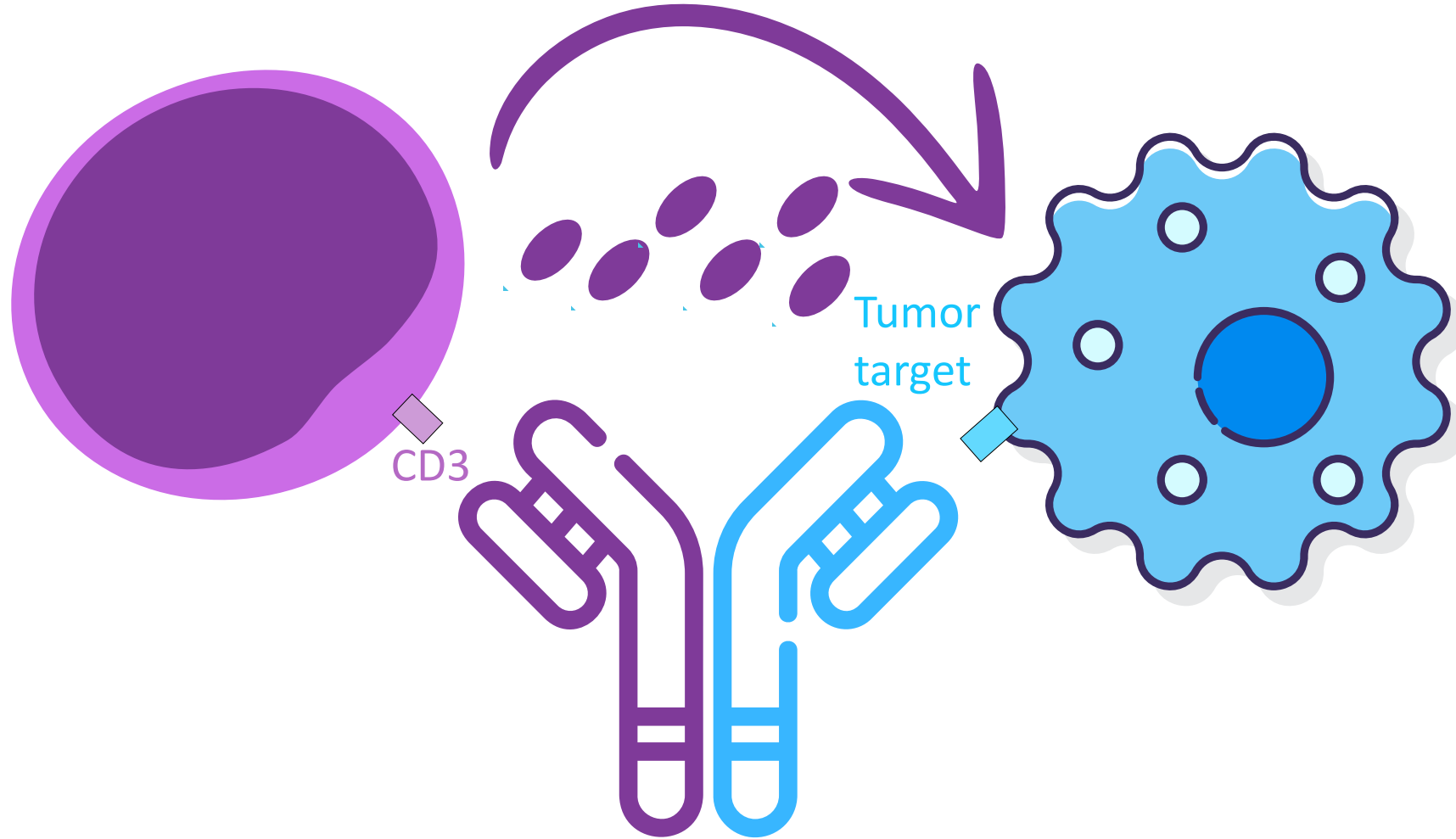
55% of patients of LOCOMMOTION/MOMMENT were treated with **carfilzomib and / or pomalidomide** with poor outcomes (IMS 2024)



1. Mateos MV, et al. Real-Life Outcomes in Triple-Class Exposed Relapsed/Refractory Multiple Myeloma Treated With Carfilzomib- and/or Pomalidomide-Based Regimens in the LocoMMotion and MoMMent Studies. P-409. IMS 2024

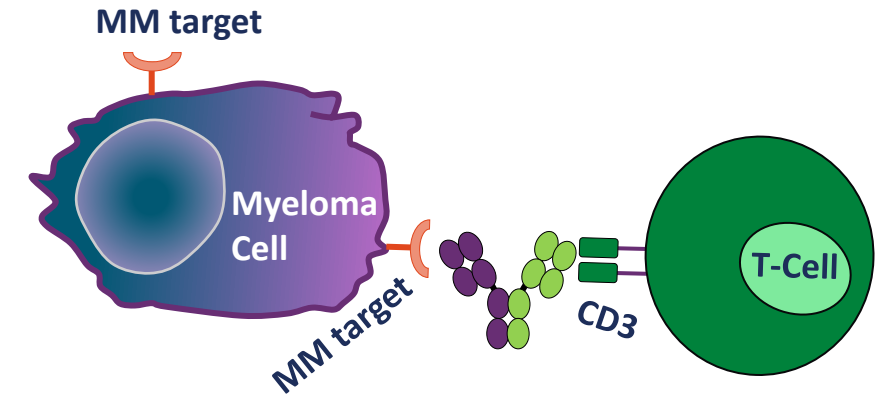
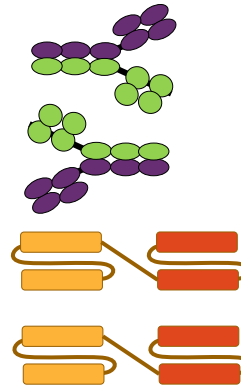






Biespecific antibodies (BsAb) for R/R MM

- “Off the shelf” immunotherapy
 - Tumor targets: BCMA, GPRC5D, FcRH5
 - Also engages to T cell antigen CD3 (T-cell)
 - Teclistamab*: CD3 x BCMA
 - Elranatamab*: CD3 x BCMA
 - Talquetamab*: CD3 x GPRC5D
 - Cevostamab: CD3 x FcRH5
 - Linvoseltamab: CD3 x BCMA
 - ABBV-383: CD3 x BCMA
- Administration route: SC or IV with step-up dosing



***ANVISA approved for R/R MM with
≥3 previous therapies, including PI, IMiD
and anti-CD38 mAb.**

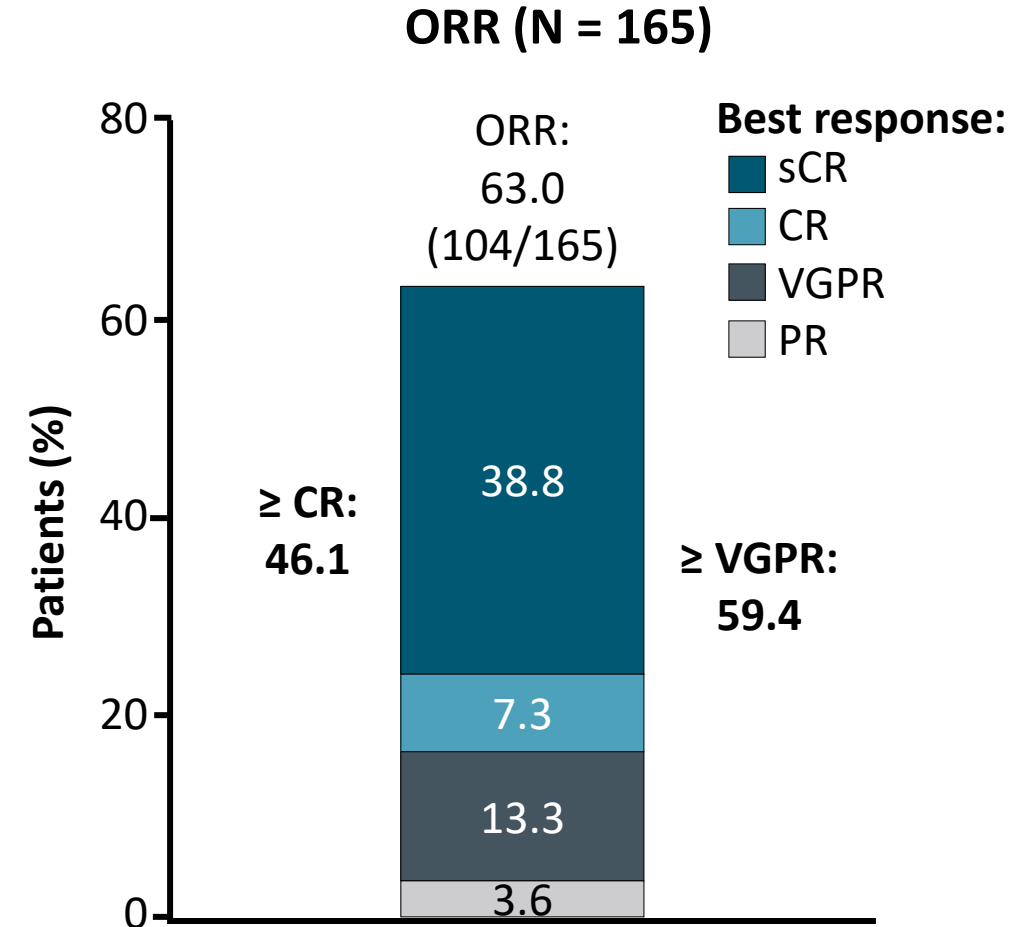


BsAb pivotal studies

Phase I/II MajesTEC-1: Teclistamab in R/R MM

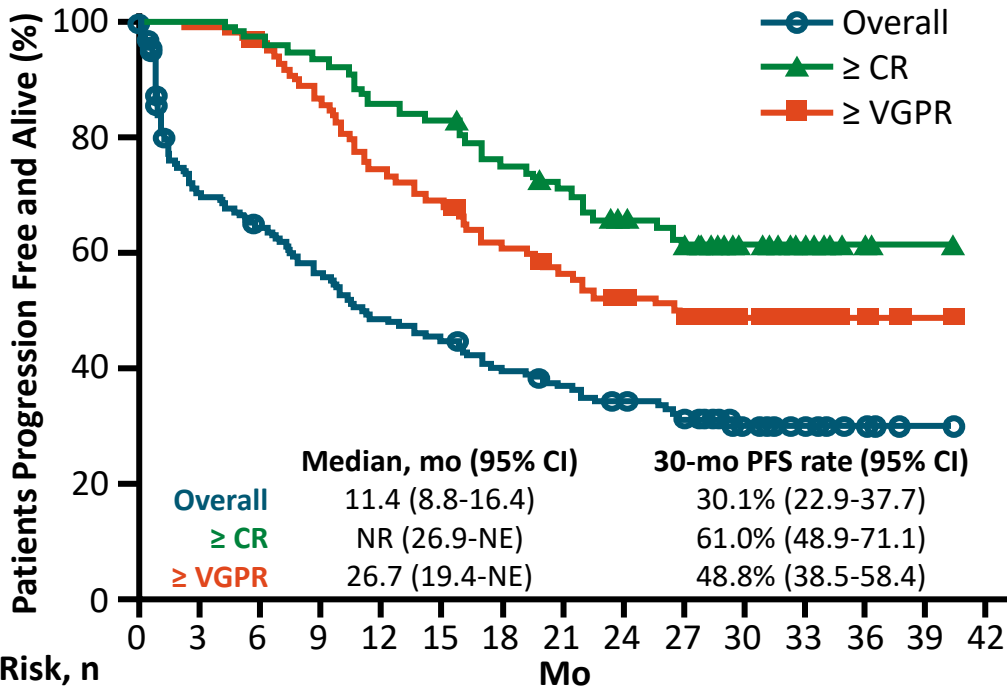
- R/R MM after ≥ 3 lines of therapy, including an IMiD, PI, and anti-CD38 mAb
 - 26% high-risk cytogenetics
 - Median 5 prior lines of therapy (range: 2-14)
 - 78% triple-class refractory; 30% penta refractory
 - 90% refractory to last therapy line
- **Teclistamab:** 1.5 mg/kg SC weekly, after step-up

Outcomes, Mo (95% CI)	All Patients (N = 165)
Median DoR	24.0 (17.0-NE)
Median PFS	11.4 (8.8-16.4)
Median OS	22.2 (15.1-29.9)

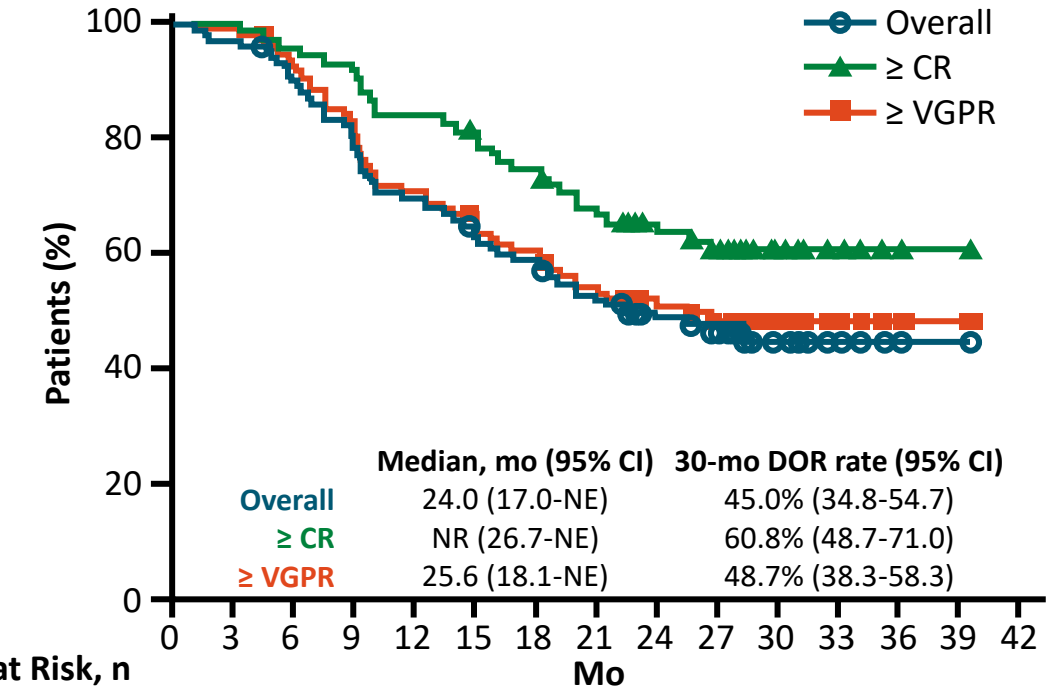


MajesTEC-1: PFS and DoR With Teclistamab in R/R MM

PFS

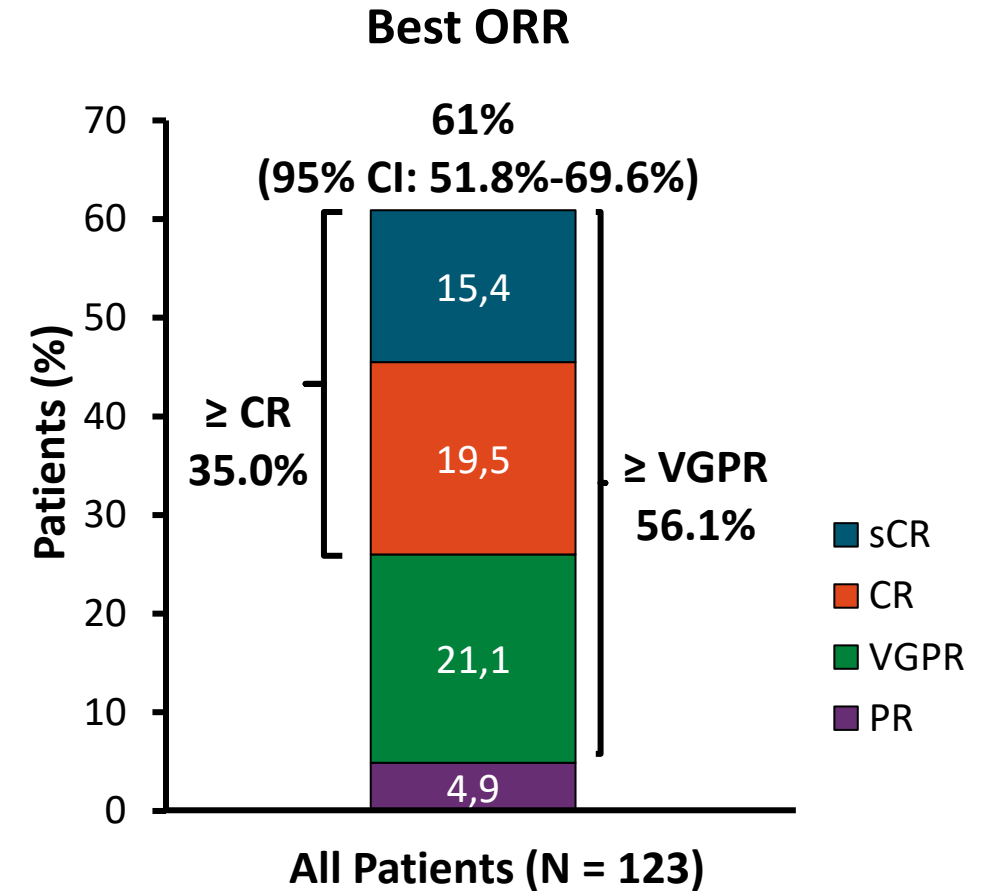


DoR

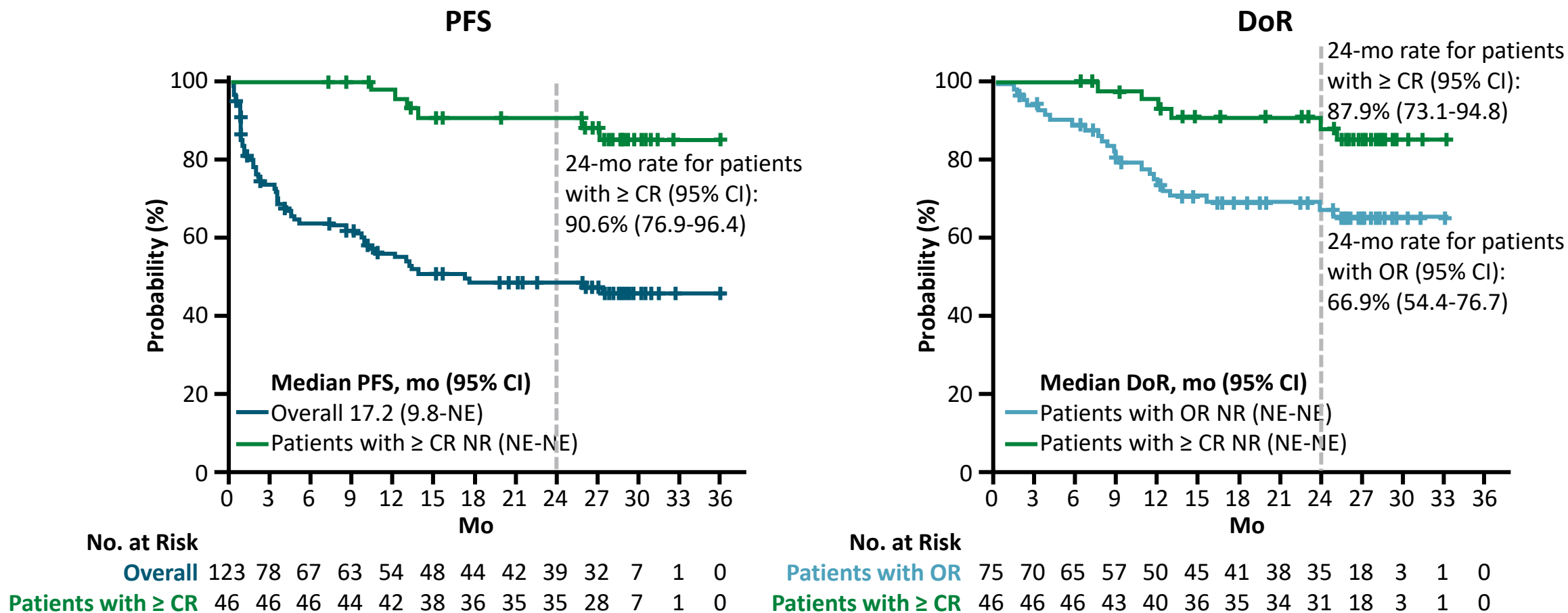


Phase II MagnetisMM-3: Elranatamab for BCMA-Directed Therapy-Naive R/R MM (Cohort A)

- Patients with MM refractory to ≥ 1 , including an IMiD, PI, and anti-CD38 mAb
 - 97% triple-class refractory
 - Median 5 prior lines of therapy (range: 2-22)
 - 25% with high-risk cytogenetics
 - 32% with extramedullary disease
- **Elranatamab:** 76 mg SC weekly with priming and/or premedication to reduce CRS
 - If weekly dosing given for ≥ 6 cycles with achievement of $\geq$ PR for ≥ 2 mo, then dosing interval changed to every 2 wk
- **Primary endpoint:** ORR
- **Secondary endpoint:** DoR, OS, PFS, safety

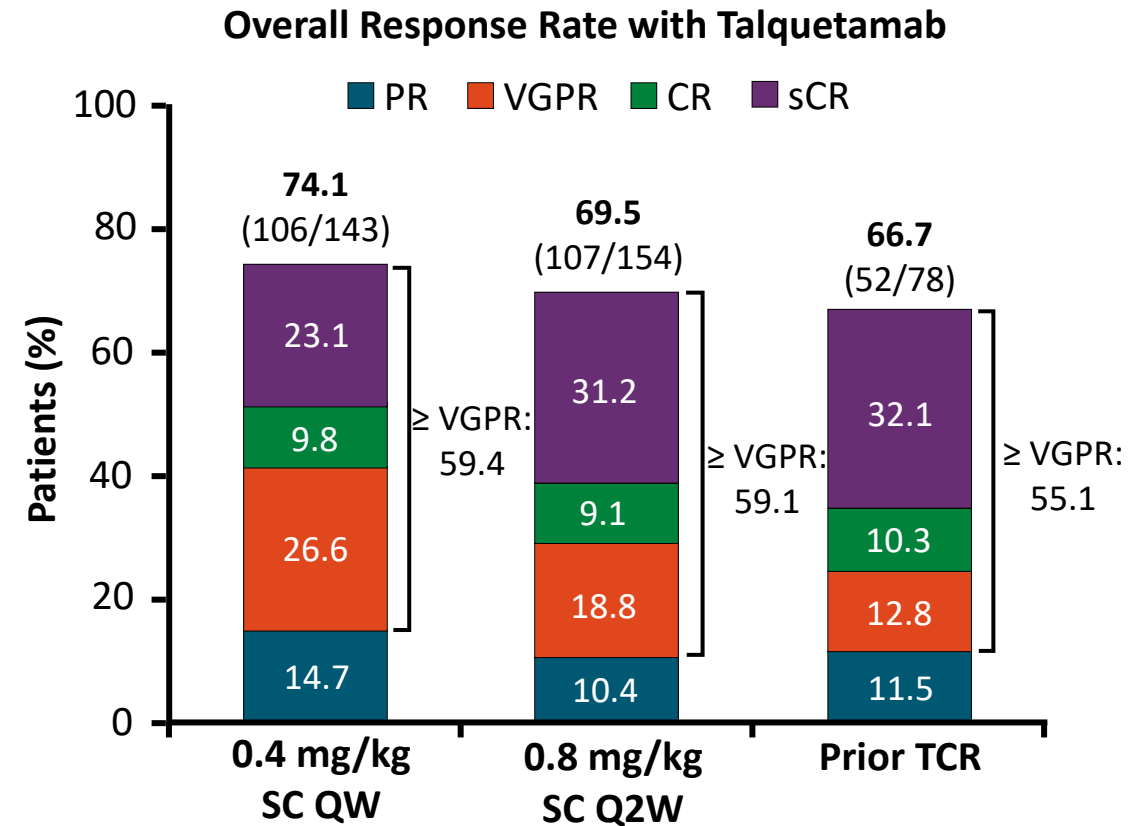


MagnetisMM-3: PFS and DoR



Phase II MonumenTAL-1: Talquetamab in R/R MM

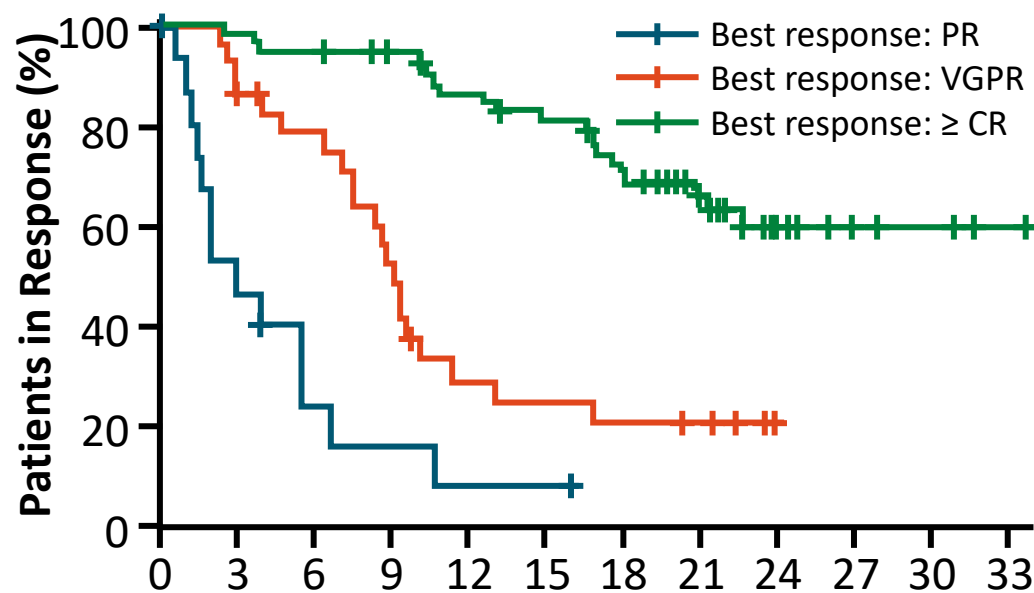
- Patients with R/R MM after ≥ 3 lines of therapy, including an IMiD, PI, anti-CD38 mAb
 - 69%-84% triple-class refractory
 - Median 5-6 prior lines of therapy across all cohorts
 - 27.1% with high-risk cytogenetics; 24.3% with EMD
- **Talquetamab:** 0.4 mg/kg SC QW or 0.8 mg/kg SC Q2W with 2-3 step-up doses and/or premedication to reduce CRS
- **Primary endpoint:** DLTs
- **Key secondary endpoint:** ORR



The phase III MonumenTAL-3 (NCT05455320) and MonumenTAL-6 (NCT05455320) trials are actively recruiting.

MonumenTAL-1: DoR and PFS Outcomes

DoR in 0.8 mg/kg Q2W Cohort



Patients at Risk, n

Best response: PR 16 7 3 2 1 1 0 0 0 0 0 0

Best response: VGPR 29 24 21 14 7 6 5 4 0 0 0 0

Best response: $\geq$ CR 62 61 59 56 50 46 39 24 9 4 3 1

Outcome	0.4 mg/kg QW (n = 143)	0.8 mg/kg Q2W (n = 154)	Prior T-Cell Redirection Tx (n = 78)
Median f/u	29.8	23.4	20.5
Median DoR, mo (95% CI)	9.5 (6.7-13.4)	17.5 (12.5-NE)	N/A
Median PFS, mo (95% CI)	7.5 (5.7-9.4)	11.2 (8.4-14.6)	7.7 (4.1-14.5)
24-Mo OS, %	60.6	67.1	57.3

Safety of BsAbs for RRMM

	Teclistamab	Talquetamab	Elranatamab
Target	CD3/BCMA	CD3/GPRC5D	CD3/BCMA
CRS incidence	72%: Gr 1: 50% Gr 2: 21%	76%: Gr 1: 57% Gr 2: 17%	58%: Gr 1: 44% Gr 2: 14%
ICANS incidence	Gr 1/2: 3% Gr 3/4: 0%	Gr 1/2: 3% Gr 3/4: 3%	Gr 1/2: 3% Gr 3/4: 0%
Neutropenia	Gr 3/4: 56%	Gr 3/4: 35%	Gr 3/4: 51%
Infection	Gr 3/4: 35%	Gr 3/4: 17%	Gr 3/4: 31%
Skin/ nail tox	Not reported	62%	Not reported
Oral toxicity	Not reported	80% (dysgeusia: 49%, dry mouth: 34%, dysphagia: 23%, ageusia: 18%)	Not reported



Real World Evidence (RWE)

WHY?

- **Fill gaps in clinical trial evidence:** RWE can provide information about how drugs and technologies are used in real-world settings.
- **Improve patient care:** RWE can help identify unmet medical needs and optimize clinical care.
- **Improve public health:** RWE can help identify trends in disease burden and healthcare service utilization.
- **Improve clinical trial design:** RWE can help optimize clinical trial design and feasibility.
- **Improve post-market surveillance:** RWE can help improve surveillance of medical products after they are approved.
 - **Efficacy**
 - **Safety**
 - **Emergent rare adverse events**

CHALLENGE

- Data quality, reproducibility, and accuracy can affect validity
- RWE can be subject to inherent biases



Brazilian Relapsed Refractory Multiple Myeloma Patients Treated with Teclistamab Outside Clinical Trials in an Expanded Access Program

Fernando Vieira Pericole¹, Juliana Souza Lima², Erica Marquardt Lammerhirt Ottoni³, Glaciano Ribeiro⁴, Edvan de Queiroz Crusoé⁵, Rafael Cunha⁶, Abel da Costa Neto⁷, Priscilla Cury⁸, James Farley Rafael Maciel⁹ and Vania Tietsche de Moraes Hungria⁸ on behalf of Grupo Brasileiro de Mieloma (GBRAM)

1. Hemocentro Unicamp, Campinas, SP 2. Oncoclinicas Curitiba, PR 3. Hospital Moínhos de Vento, Porto Alegre, RS 4. Universidade Federal de Minas Gerais. (UFMG), Belo Horizonte, MG 5. Oncologia D'Or, Salvador, BA 6. Oncoclinicas Rio de Janeiro, RJ 7. Instituto D'or de Pesquisa e Ensino, São Paulo, SP 8. Clínica São Germano, São Paulo, SP 9. CePCLIN, Natal, RN

- EAP Brazil
- 27 patients
 - Access before approval: between 2022 e 2023
 - Median Follow up time: 12 months

Pericole, Fernando, et al. "P-278 Brazilian Relapsed Refractory Multiple Myeloma Patients Treated with Teclistamab Outside of Clinical Trials as an Expanded Access Program." *Clinical Lymphoma Myeloma and Leukemia* 24 (2024): S196-S197.

Characteristic	Total (27 pts)
Median age (range)	67 (47-80)
Sex, number (%)	
Male	14 (52%)
Female	13 (48%)
Race, number (%)	
White	24 (89%)
Black	3 (11%)
ECOG performance status score(%)	
0	4 (15%)
1	4 (15%)
2	2 (7%)
Not available	17 (63%)
Diagnostic FISH analysis (%)	
Not performed	67%
Without alterations	7%
1q abnormalities	13%
Others	13%
International Staging System (ISS)	
ISS I	10%
ISS II	38%
ISS III	34%
Not available	18%
Refractory status (%)	
Lenalidomide	85%
Pomalidomide	11%
Carfilzomib	73%
Daratumumab	85%
Triple-class exposed	100%
Triple-class refractory	85%
Median number of previous lines (range)	4 (2-8)
Median time since diagnosis, years (range)	5.3y (1.3-19y)
Median IgG before <u>teclistamab</u> (range)	347 (152-4227)
Median Hb (range)	9.8 (7.3-12.1)
Lymphocyte counts, median (range)	1080 (250-2720)

CRS

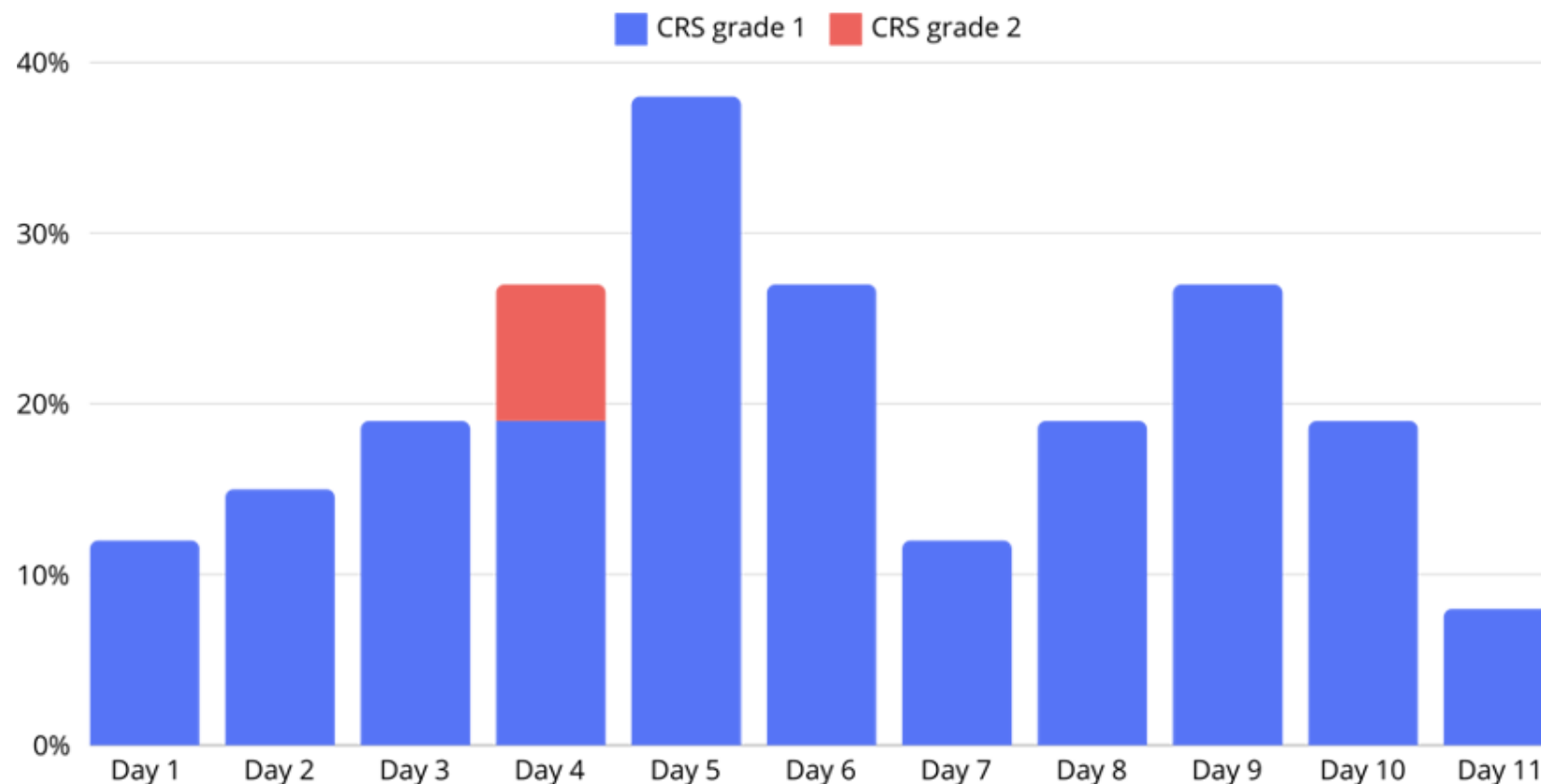
- Total 69%
- 54% grade 1
- 15% grade 2

INFECTIONS

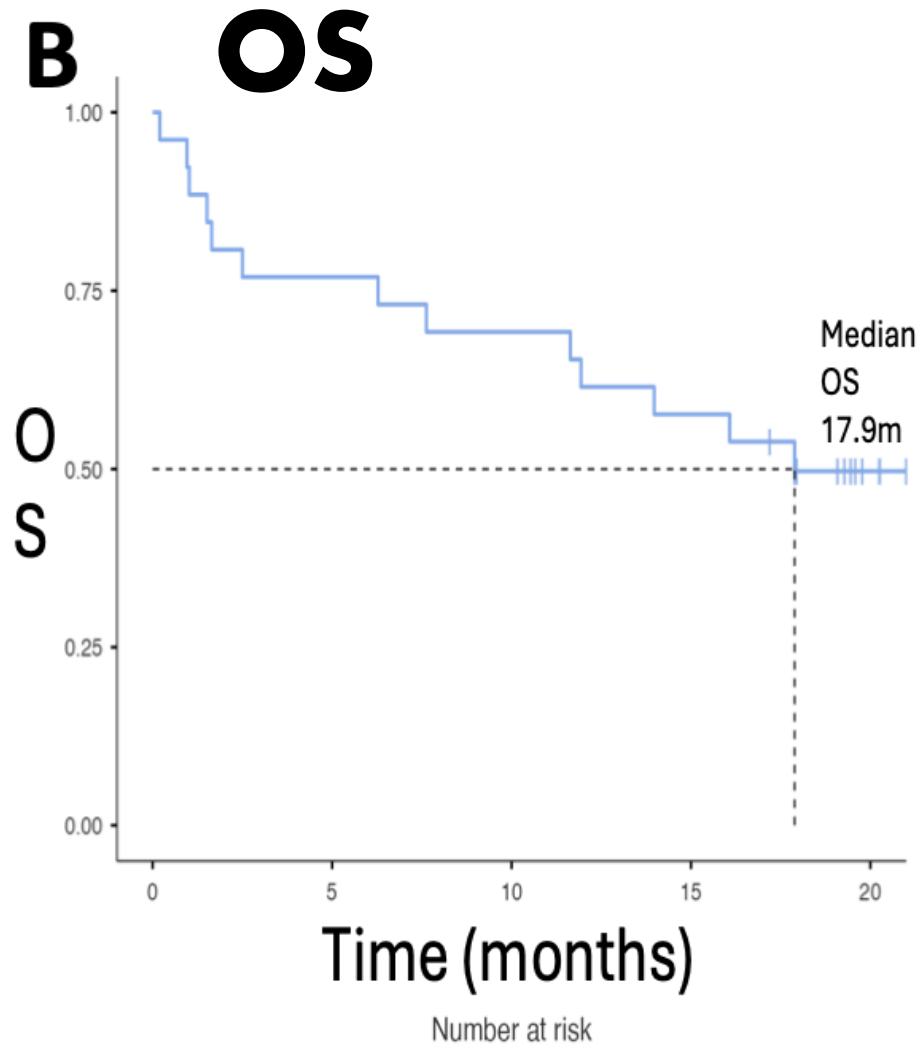
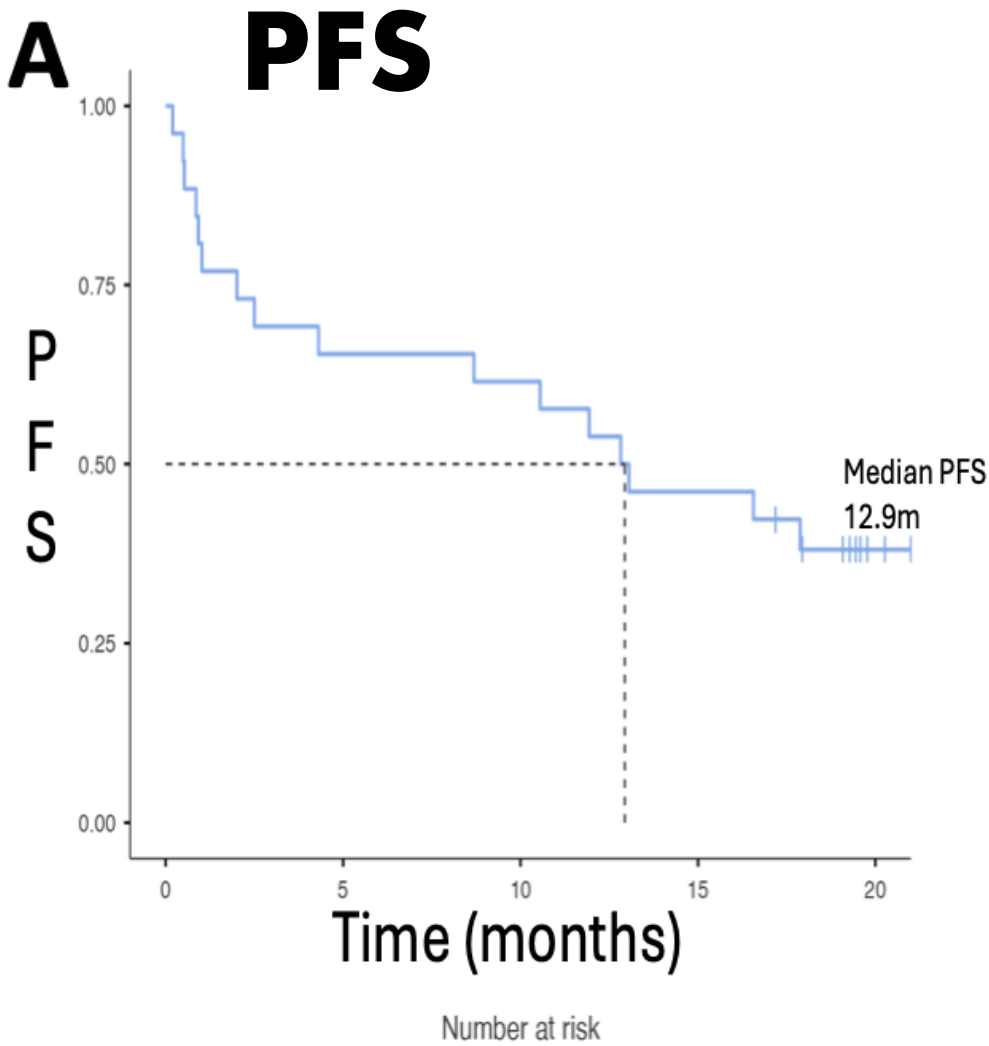
- Total 73%
- Grade 3 or higher: 20%

IVIg supplementation

- Total 90%



EAP teclistamab Brazil, Efficacy (N=27)¹



Pericole, Fernando, et al. "P-278 Brazilian Relapsed Refractory Multiple Myeloma Patients Treated with Teclistamab Outside of Clinical Trials as an Expanded Access Program." *Clinical Lymphoma Myeloma and Leukemia* 24 (2024): S196-S197.

RetrosTECTive (IFM2024-09)
French RWE study of patients who received teclistamab at
30 centres through the EAP (N=303)¹

		RetrosTECTive (N=303) ¹	MajesTEC-1 (N=165) ^{1,2,3}
Baseline characteristics	MajesTEC-1 ineligible, %	28.4	0
	Median follow-up, months	11.9	30.4
	Median prior LOT, n (range)	4 (2–11)	5 (2–14)
	Anti-BCMA exposure, %	13.6	0
	EMD, %	11.8	17.0
Efficacy	ORR, %	68.8	63.0
	mPFS, months	11.3	11.4
	Among responding patients	17 (n=175)	-
	Among patients aged ≥75 years	16.4 (n=90)	-
	Among patients with EMD	3.7 (n=34)	-
	Among MajesTEC-1 ineligible patients	6.6 (n=140)	-
	mOS, months	17	22

EFFICACY	
Median follow-up	11,9 months
ORR	68,8%
≥VGPR	61,4%
mPFS (overall population)	11,3 months
mPFS (responding patients)	17 months
mOS (overall population)	17 months

1. Perrot A, et al. *Haematologica* 2024. doi:10.3324/haematol.2024.286118; 2. Garfall AL, et al. ASCO 2024. Poster 7540; 3. Moreau P, et al. *N Engl J Med* 2022;387:495–505.

TABLE 1. Patient characteristics of real-world patient population

Median age (range) - yr	67.0 (35.0-87.0)
Gender: male/female - %	56.9/43.1
Median time since diagnosis - yr (range)	6.5 (0.5-18.7)
Median no. of lines of previous therapy (range)	6 (3-14)
Extramedullary disease - no./total no. (%)	43/119 (36.1)
≥60% plasma cells in bone marrow no./total no. (%)	21/59 (35.6)
ISS no./total no. (%)	
I	25/92 (27.1)
II	35/92 (38.0)
III	31/92 (33.7)
High risk cytogenetic profile no./total no. (%)	39/107 (36.4)
Refractory status no./total no. (%)	
triple-class	113/123 (92.6)
penta-drug	74/123 (60.2)
BCMA-pretreatment no./total no. (%)	45/123 (37.4)
belantamab mafodotin	23/123 (18.7)
Idecabtagene vicleucel	21/123 (17.1)
Polychemotherapy in last 2 months no./total no. (%)	22/123 (17.9)

FIGURE 1. Response rate and PFS in 123 patients

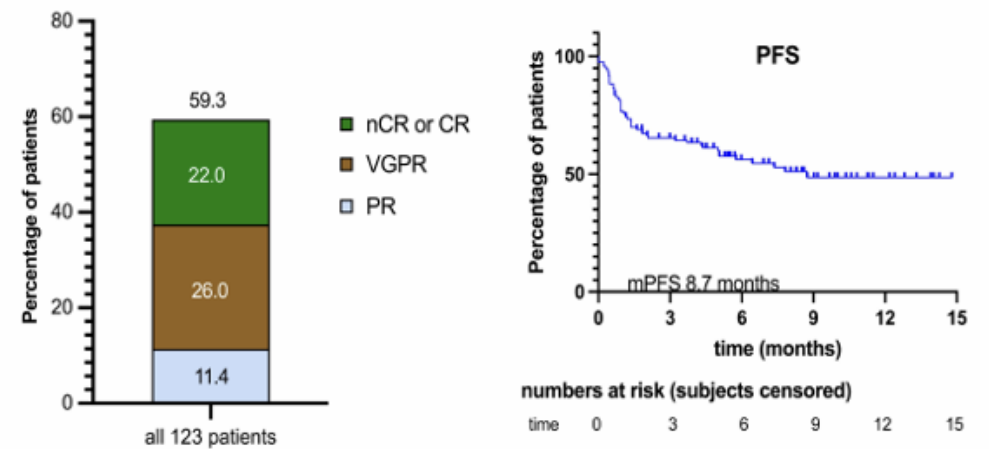


FIGURE 2. PFS in selected subgroups

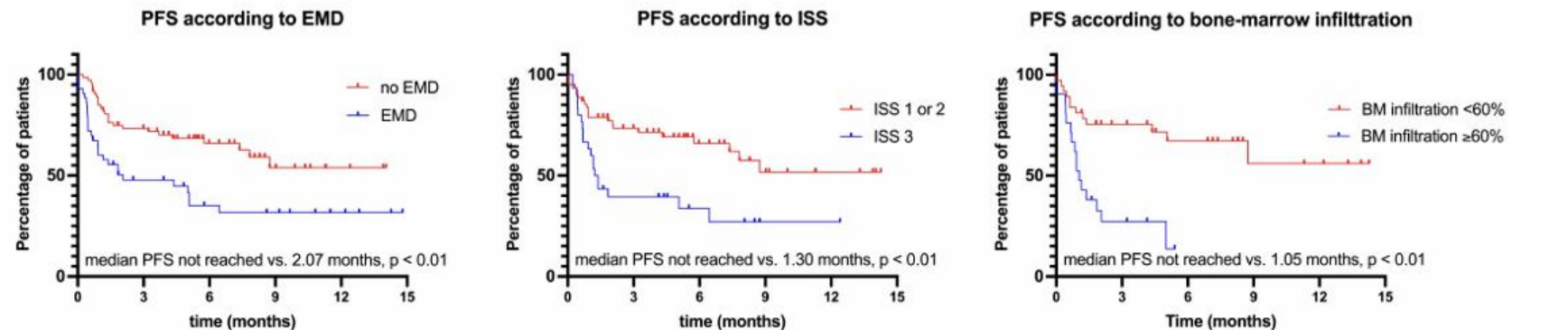
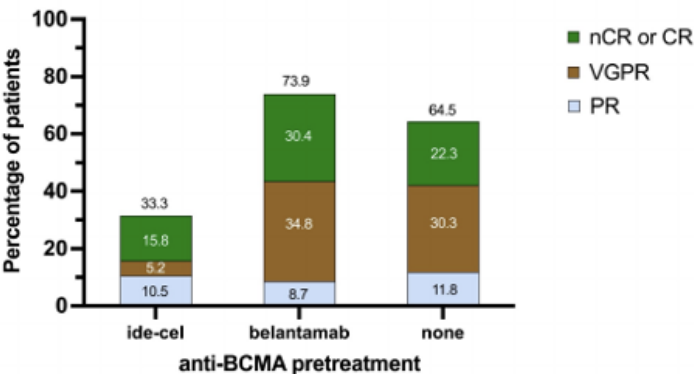
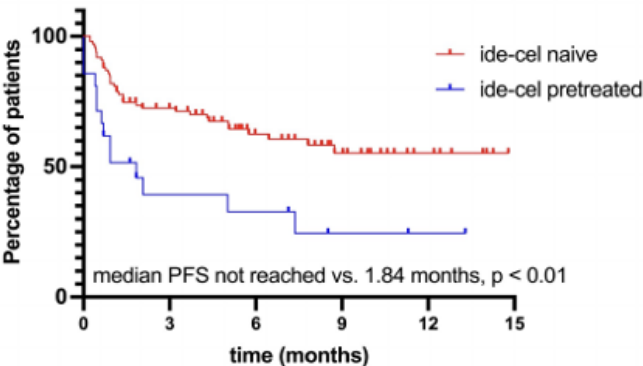


FIGURE 4. Efficacy in BCMA-pretreatment

Rate of response according to BCMA-pretreatment



PFS according to ide-cel pretreatment



1. Riedhammer, Christine, et al. "Real-world analysis of teclistamab in 123 RRMM patients from Germany." *Leukemia* 38.2 (2024): 365-371.

Safety and Efficacy of Teclistamab in Patients with Relapsed/ Refractory Multiple Myeloma: A Real-World Experience : USA (N=106)¹

Characteristic	Value
Male sex	49 (46)
Age, yr, median (range)	66.5 (35-87)
Age >70 yr, n (%)	34 (32)
Race, n (%)	
Non-Hispanic white	72 (68)
Non-Hispanic black	28 (26)
Asian	2 (2)
Hispanic	4 (4)
Time since diagnosis, mo, median (range)	65 (6-240)
IgG subtype, n (%)	58 (55)
R-ISS stage III, n/N (%)	25/80 (31)
ECOG PS, n (%)	
0-1	71 (67)
2-4	35 (33)
High-risk cytogenetics, n/N (%)	56/95 (59)
del(17p)	24 (25)
t(4;14)	7 (7)
t(14;16)	7 (7)
gain/amp 1q	48 (51)
Extramedullary disease, n (%)	45 (42)
Prior LOT (median, range)	6 (4-17)
>4 prior LOT, n (%)	80 (75)
Refractory status, n (%)	
PIs	102 (96)
IMiDs	102 (96)
Anti-CD38 mAbs	106 (100)
Double-refractory	97 (92)
Triple-refractory	97 (92)
Penta-refractory	68 (64)
Prior BCMA-directed therapy, n (%)	56 (53)
Prior SCT, n (%)	
Autologous	61 (58)
Allogeneic	3 (3)
MajesTEC-1 exclusion criteria at teclis- tamab initiation, n (%)	
Patients meeting exclusion criteria	88 (83)
1 criterion	45 (42)
≥2 criteria	43 (41)
Neutropenia (ANC <1000 cells/ μ L)	2 (2)
Anemia (hemoglobin <8 g/dL)	27 (25)
Thrombocytopenia (platelets < 75,000 cells/ μ L)	21 (20)
Any baseline cytopenia	33 (31)
Poor performance status (ECOG PS ≥2)	35 (33)
Renal dysfunction (CrCl < 40 mL/min)	14 (13)
Liver dysfunction	5 (5)
Cardiac dysfunction (LVEF <45%)	4 (4)

Multivariable Models of the Association of Selected Patient Characteristics with ORR, ≥VGPR, and PFS in Teclistamab-Treated Patients

Characteristics	ORR			≥VGPR			PFS		
	Events, n	OR (95% CI)	P	Events, n	OR (95% CI)	P	Events, n	HR (95% CI)	P
Cytogenetics			.50			.43			.12
High risk	35	1.00 (referent)		25	1.00 (referent)		31	1.00 (referent)	
Standard risk	28	1.06 (.89-1.27)		21	1.09 (.89-1.33)		14	.60 (.31-1.15)	
Extramedullary disease			.001			.25			.003
Yes	21	1.00 (referent)		18	1.00 (referent)		27	1.00 (referent)	
No	49	1.35 (1.13-1.61)		32	1.13 (.92-1.38)		22	.39 (.21-.73)	
ECOG PS			.002			.019			< .001
0-1	53	1.00 (referent)		39	1.00 (referent)		28	1.00 (referent)	
2-4	17	.73 (.6-.89)		11	.76 (.61-.95)		21	4.05 (1.93-8.51)	
Age			.13			.072			.027
> 70 yr	24	1.00 (referent)		18	1.00 (referent)		14	1.00 (referent)	
≤70 yr	46	.86 (.71-1.05)		32	.81 (.65-1.02)		35	2.33 (1.10-4.94)	
Penta-refractory			.23			.11			.22
Yes	24	1.00 (referent)		34	1.00 (referent)		17	1.00 (referent)	
No	46	.88 (.72-1.08)		16	.83 (.66-1.04)		32	1.55 (.77-3.12)	
Prior BCMA-directed therapy			.59			.74			.83
Yes	37	1.00 (referent)		26	1.00 (referent)		23	1.00 (referent)	
No	33	1.06 (.87-1.28)		24	.96 (.77-1.2)		26	.93 (.48-1.80)	
Prior LOT			.035			.11			.11
≤4	21	1.00 (referent)		14	1.00 (referent)		11	1.00 (referent)	
>4	49	.76 (.6-.98)		36	.79 (.6-1.05)		38	2.01 (.84-4.80)	

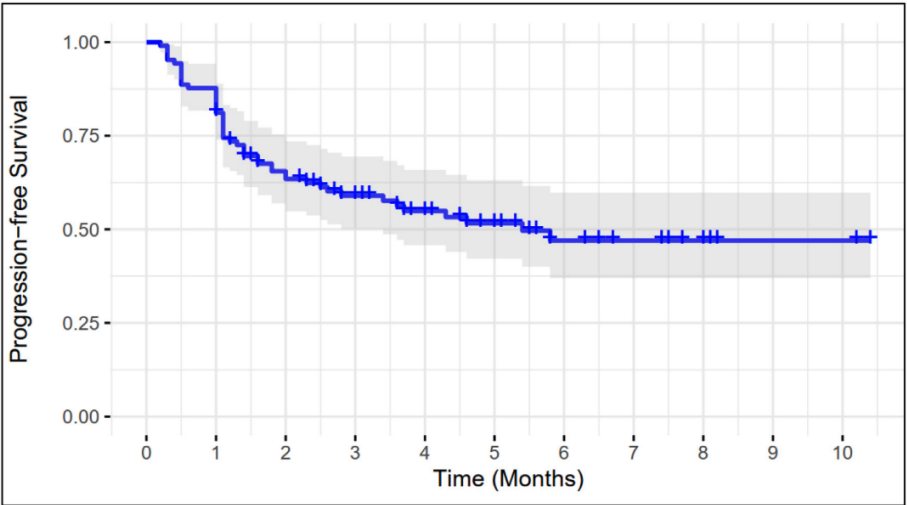
1. Dima, Danai, et al. "Safety and efficacy of teclistamab in patients with relapsed/refractory multiple myeloma: a real-world experience." Transplantation and cellular therapy 30.3 (2024): 308-e1.

Safety and Efficacy of Teclistamab in Patients with Relapsed/ Refractory Multiple Myeloma: A Real-World Experience : USA (N=106)¹

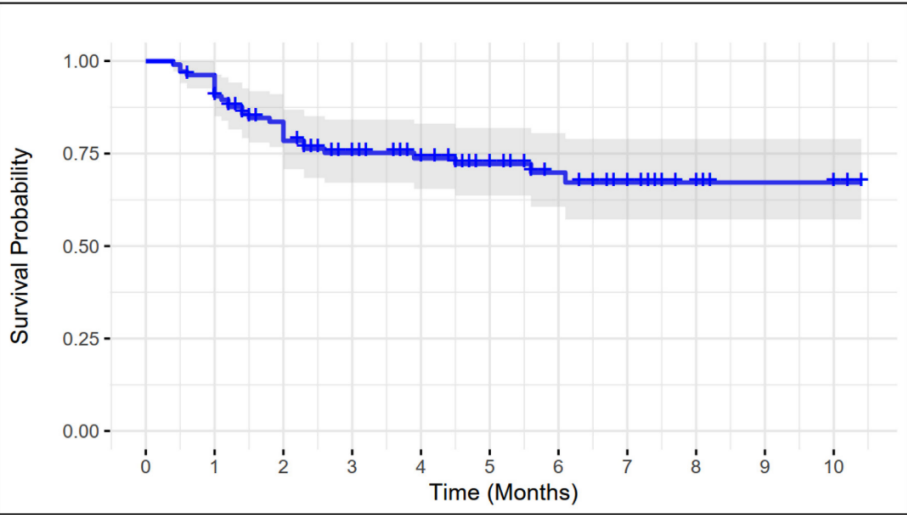
Safety Outcomes: CRS and ICANS

Adverse Event	Value
CRS	
Any grade, n (%)	68 (64)
Grade 1, n (%)	57 (54)
Grade 2, n (%)	10 (9)
Grade 3, n (%)	1 (1)
Grade 4, n (%)	0 (0)
Day of onset, median (range)	3.5 (1-8)
Duration, d, median (range)	1 (1-6)
CRS after second step-up dose, n (%)	41 (39)
Recurrent CRS, n (%)	2 (2)
ICANS	
Any grade, n (%)	15 (14)
Grade 1, n (%)	5 (5)
Grade 2, n (%)	7 (6)
Grade 3, n (%)	2 (2)
Grade 4, n (%)	1 (1)
Day of onset, median (range)	5 (1-10)
Duration, d, median (range)	2 (1-30)
CRS after second step-up dose, n (%)	10 (9)
Recurrent ICANS, n (%)	1 (1)
Management of CRS/ICANS	
Tocilizumab, n (%)	43 (41)
> 1 dose of tocilizumab, n (%)	6 (6)
Corticosteroids, n (%)	35 (33)
Both tocilizumab + corticosteroids, n (%)	17 (16)
Hospitalization for step-up dosing, n (%)	106 (100)
Length of stay, d, median (range)	9 (6-37)
Intensive care unit stay, n (%)	7 (7)

A) Progression-Free Survival



B) Overall Survival



Median Follow up: 3.8 months

1. Dima, Danai, et al. "Safety and efficacy of teclistamab in patients with relapsed/refractory multiple myeloma: a real-world experience." Transplantation and cellular therapy 30.3 (2024): 308-e1.

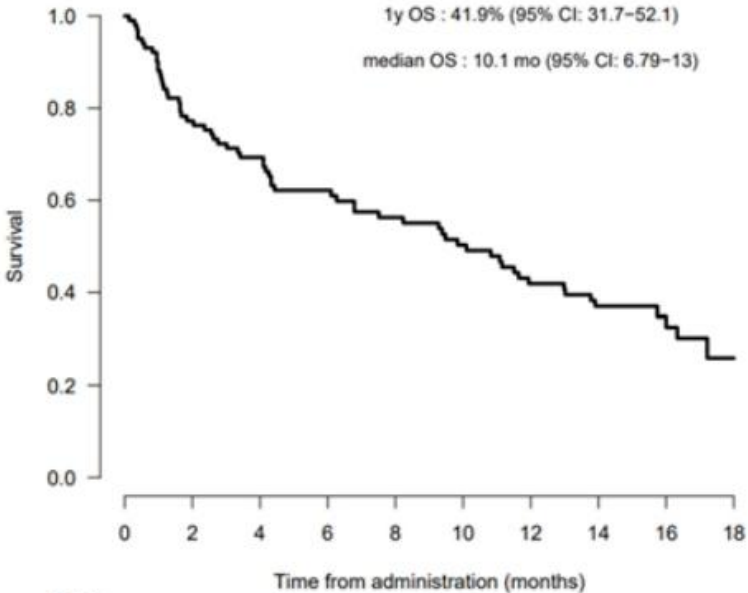


RWE for Elranatamab

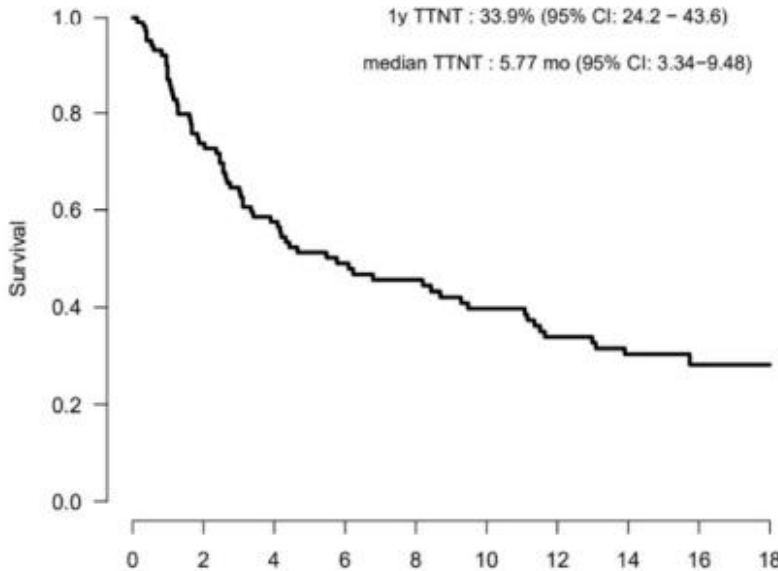
Elranatamab monotherapy in real-world setting in R/R MM:
French compassionate use program (N=101)¹

Elranatamab

OS



TTNT



Characteristic	Study Population (N = 101)
Best response	
Minimal response	2 (2%)
Partial response	10 (10%)
Very good partial response	23 (23%)
Complete response	16 (16%)
Stringent complete response	3 (3%)
≥ VGPR after one cycle	22 (22%)
At one year	
Overall survival	42% (95% CI: 31.7-52.1)
Progression-free survival	34% (95% CI: 24.4-43.7)
Duration of response	48% (95% CI: 31.1-64.0)
Time to next treatment	34% (95% CI: 24.2-43.6)
Progression following elranatamab therapy	
No	53 (53%)
Yes	48 (47%)
Subsequent lines of treatment (after 1st progression or elranatamab discontinuation)	
No	71 (74%)
Yes	25 (26%)
Missing	5

ORR
52%

1. Malard, Florent, et al. "Elranatamab monotherapy in the real-word setting in relapsed-refractory multiple myeloma: results of the French compassionate use program on behalf of the IFM." *Blood Cancer Journal* 14.1 (2024): 219.



RWE for Talquetamab

Talquetamab RWE	Costa BA, et al (1)	Janakiram M et al (2)	Grajales-Cruz A, et al (3)
Total patients	28	118	62
Median follow-up (months)	7.7m	NA	NA
Female (%)	61%	NA	55%
Median age	65y	64y	66y
Median LOT (range)	7 (4-14)	6 (NA)	6.6 (4-11)
Triple-class refractory (%)	NA	72%	87%
Penta-refractory (%)	36%	44%	37%
EMD (%)	50%	22%	23%
Previous BCMA therapy (%)	82%	71%	60%
ECOG 0-1 (%)	89%	85%	79%

(1) Costa, Bruno Almeida, et al. "Real-World Safety and Early Efficacy of Talquetamab in Patients with Heavily-Pretreated Relapsed/Refractory Multiple Myeloma." *Blood* 144 (2024): 7026.
(2) Janakiram, Murali, et al. "Real World Evidence of Outcomes of Patients Treated with Talquetamab in a Heavily Pretreated Population with Multiple Myeloma with High Exposure to Prior BCMA Therapies-a Report from the IMWG Consortium." *Blood* 144 (2024): 3368.
(3) Grajales-Cruz, Ariel E., et al. "Single Center Real World Experience of Talquetamab in Patients with Relapsed and Refractory Multiple Myeloma." *Blood* 144 (2024): 3784.

Talquetamab RWE	Costa BA, et al (1)	Janakiram M et al (2)	Grajales-Cruz A, et al (3)
CRS (%) / Gr ≥ 3 (%)	57% / 4%	67% / 6%	57% / 2%
ICANS (%) / Gr ≥ 3 (%)	14% / 4%	6% / 1%	16% / NA
Infections (%) / Gr ≥ 3 (%)	36% / 18%	34% / NA	31% / NA
Skin / rash AE (%) / Gr ≥ 3 (%)	79% / 4%	62% / 4%	60% / NA
Nail-related AE (%)	43%	20%	60% / NA
Weight-loss (%) / Gr ≥ 3 (%)	68% / 4%	NA	76% / NA
Disgeusia (%)	64%	NA	31%
ORR (%)	62%	64.9%	77%
VGPR or better (%)	46%	43.3%	47%
Median PFS / Median OS	7m / NA	NA	15.5m / Not reached

(1) Costa, Bruno Almeida, et al. "Real-World Safety and Early Efficacy of Talquetamab in Patients with Heavily-Pretreated Relapsed/Refractory Multiple Myeloma." *Blood* 144 (2024): 7026.;

(2) Janakiram, Murali, et al. "Real World Evidence of Outcomes of Patients Treated with Talquetamab in a Heavily Pretreated Population with Multiple Myeloma with High Exposure to Prior BCMA Therapies-a Report from the IMWG Consortium." *Blood* 144 (2024): 3368.

(3) Grajales-Cruz, Ariel F., et al. "Single Center Real World Experience of Talquetamab in Patients with Relapsed and Refractory Multiple Myeloma." *Blood* 144 (2024): 3784.



Conclusions

- BsAb demonstrated encouraging results in pivotal trials compared to recycled therapies.
- Real-world evidence (RWE) suggests the safety and efficacy of BsAb is similar to that observed in pivotal trials so far.
- Larger studies in diverse populations are important to confirm the efficacy and long-term safety suggested by these preliminary results.



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Thank you

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