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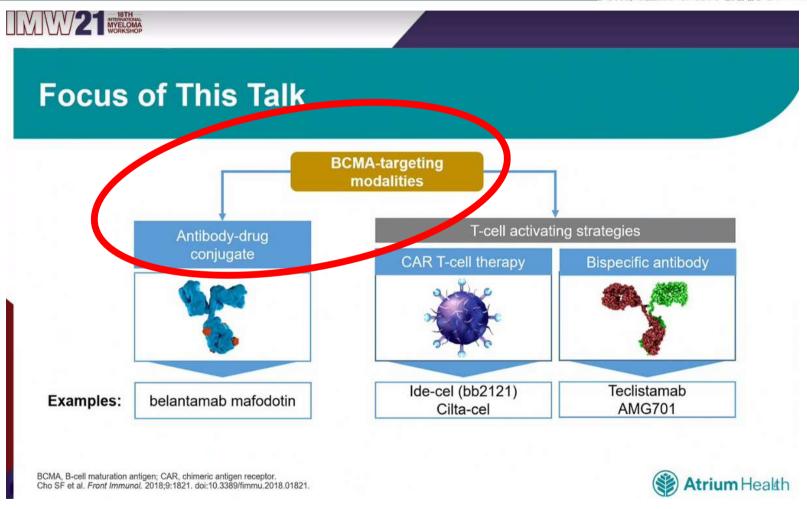
DISCLOSURE

Maria Teresa Petrucci

Company name	Honoraria	Advisory board	Support for attending meetings and/or trave
Celgene- BMS	Х	х	X
Janssen-Cilag	x	x	x
Takeda	x	х	X
Roche		X	
Amgen	X	x	X
GSK	X	X	
Karyopharm	X	X	
Sanofi	Х	Х	Х

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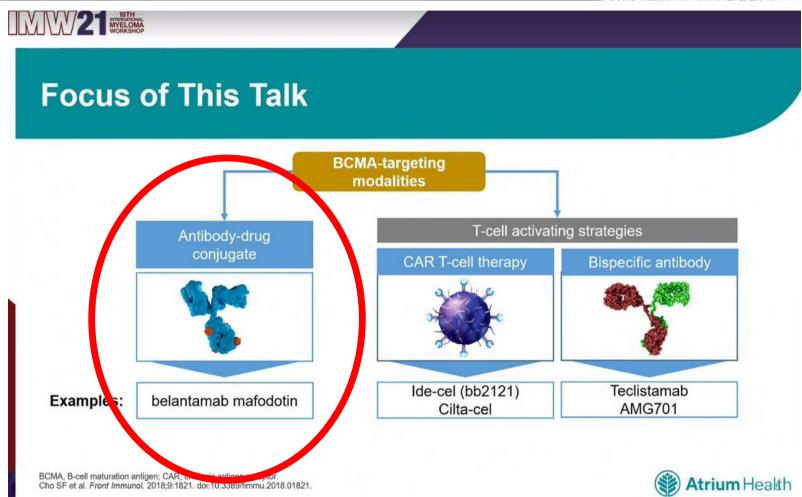


Immune therapy in myeloma: why focusing on BCMA?

- · BCMA = B cell maturation antigen; member of TNFR superfamily
- · Expressed by plasma cells and some mature B cells (overlaps with CD38)
- · Universally expressed in MM and in a subset of lymphoma

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DELLA REPUBBLICA ITALIANA

AGENZIA ITALIANA DEL FARMACO
DETERMINA 24 novembre 2021

Il medicinale BLENREP (belantamab mafodotin) è classificato come segue: indicazioni terapeutiche oggetto della negoziazione: «Blenrep» è indicato in monoterapia per il trattamento del mieloma multiplo nei pazienti adulti, che hanno ricevuto almeno quattro terapie precedenti e la cui malattia risulta refrattaria ad almeno un inibitore del proteasoma, un agente immunomodulatore e un anticorpo monoclonale anti-CD38 e che hanno mostrato progressione di malattia all'ultima terapia.

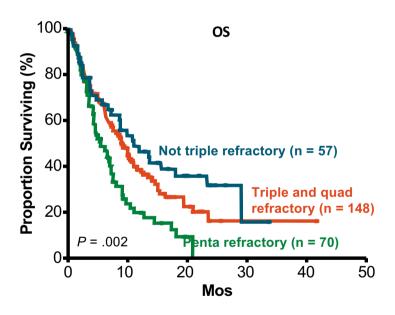
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The Challenge of Treating Triple-Quad-Penta Class Refractory MM

Retrospective analysis of 275 patients from 14 academic centers

Characteristic	Median OS, Mos	Description
Not triple refractory	11.2	Refractory to 1 CD38 mAb, but not to both PI and IMiD
Triple and quad refractory	9.2	Refractory to 1 CD38 mAb + 1 PI + 1 or 2 IMiDs
Penta refractory	5.6	Refractory to 1 CD38 mAb + 2 PIs + 2 IMiDs
Overall cohort	8.6	



- 249 patients received further treatment
 - ORR: 31%; mPFS: 3.4 mos; mOS: 9.3 mos

Gandhi. Leukemia. 2019;33:2266.





BCMA-targeted agents, the fourth pillar of treatment for MM, includes ADC therapy^{1,2}

Nonexhaustive list

TREATMENT PILLARS FOR RRMM* **BCMA-targeted Immunomodulatory** Anti-CD38 mAbs1,4 PIs4 agents1,5 agents3 Lenalidomide Bortezomib Daratumumab Belantamab mafodotin Pomalidomide Carfilzomib Isatuximab Ide-cel Ixazomib

^{*}Other treatment options include anti-SLAMF7 treatments such as elotuzumab, amongst others, 1.6

ADC, antibody-drug conjugate, BCMA, B-cell maturation antigen; CD, cluster of differentiation; ide-cel, idecabtagene vicleucel; mAb, monoclonal antibody; MM, multiple myeloma; PI, proteasome inhibitor; RRMM, relapsed/refractory

multiple myeloma; SLAMF7, SLAM family member 7.

1. Dimopoulos MA et al. Hemasphere. 2021;5(2):e528. doi:10.1097/HS9.00000000000528 2. Becnel MR, Lee HC. Ther Adv Hematol. 2020. doi:10.1177/2040620720979813 3. Schjesvold F et al. Future Oncol. 2020;16(11):631-641, 4. Chim CS et al. Leukemie. 2018;32:252-262. 5. Abecma. Prescribing Information. Bristol-Myers Squibb Company, 2021. 6. Moreau P et al. Ann Oncol. 2017;28(suppl 4):iv52-iv61.

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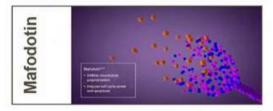
Belantamab mafodotin, a BCMA-targeted ADC, has a multimodal mechanism^{1,2}

Belantamab mafodotin is a humanized, afucosylated, anti-BCMA monoclonal antibody conjugated to the microtubule inhibitor mafodotin¹

It specifically binds to BCMA and eliminates myeloma cells by a multimodal mechanism^{1,3}:

- Delivers mafodotin to BCMA-expressing malignant plasma cells and inhibits microtubule polymerization resulting in immune-independent apoptosis
- Immuneindependent mechanism
- Enhances antibody-dependent cellular cytotoxicity and phagocytosis (ADCC/ADCP)
- Induces immunogenic cell death (ICD)

Immunedependent mechanisms







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DREAMM-2: belantamab mafodotin monotherapy demonstrated deep and durable activity in a broad patient population^{1,2}

Primary analysis data cutoff³: January 2020

Belantamab mafodotin

DREAMM-2 (2.5mg/kg cohort)

Patient	
characteristics3	

	Overall population N=97	HR cytogenetics n=41	Mild RI* n=48	Moderate RI* n=24
Median age, years (range)	65 (60-70)	67 (42-85)	66 (40-85)	69 (45-85)
Median prior lines of therapy (range)	7 (3-21)	6 (3-11)	7 (3-12)	7 (3-21)
Triple-refractory, n (%)	97 (100)	41 (100)	48 (100)	24 (100)

Efficacy outcomes³

[2.5mg/kg]	Overall population N=97	HR cytogenetics n=41	Mild RI* n=48	Moderate RI* n=24
ORR, n (%)	31 (32)	12 (29)	16 (33)	8 (33)
≥VGPR, n (%)	18 (19)	9 (22)	8 (17)	8 (33)
mDOR, months	11.0	10.3	12.5	13.1
mPFS, months	2.8	2.1	2.2	3.7
mOS, months	13.7	9.9	13.7	NR

Safety data for overall population³

AE†	Any grade, n (%)	Grade ≥3, n (%)
Any	93 (98)	80 (84)
Keratopathy ^{‡§}	68 (72)	44 (46)
Thrombocytopenia [®]	36 (38)	21 (22)
Anemia	26 (27)	20 (21)

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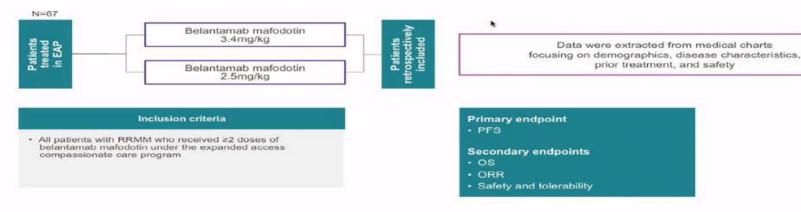






Study design: first real-world data for belantamab mafodotin monotherapy

A retrospective real-world, multisite study in patients with RRMM who received ≥2 doses of belantamab mafodotin under the expanded access compassionate care program



EAP, expanded access program, ORR, overall response rate; OS, overall survival; PFS, progression-free survival; RRMM, relapsed/refractory multiple myeloma.

Shragai T, Lavi N, Gatt M, et al. Update of real-world experience with belantamab mafodotin monotherapy for relapsed/refractory myeloma via GSK expanded access program. Poster presented at: EHA Annual Meeting: June 9-17, 2021, Abstract 2853.



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A manageable safety profile is observed for single-agent belantamal mafodotin in the first real-world dataset

Heavily pretreated patients on belantamab mafodotin monotherapy were easily managed

- · 74% of patients experienced resolution of symptoms to grade 1 or 0 during follow-up
 - · 4 patients discontinued therapy due to ocular AEs
- · No treatment-related deaths were reported

Adverse event	N=67
Dose reduction, %	25
Ocular events,* %	65
Hematological toxicity,* %	11
Infection,* %	5
Non-ocular AEs, %	
Thrombocytopenia	39
Neutropenia	13
Infection	10
Elevated liver enzymes	10
Anemia	9

^{*}Dose reduction due to ocular events, hematological toxicity, or infection. AE, adverse event.

Shragai T, Lavi N, Gatt M, et al. Update of real-world experience with belantamab malfodotin monotherapy for relapsed/refractory myeloma via GSK Expanded Access Program. Poster presented at: EHA Annual Meeting: June 9-17, 2021. Abstract 2853.

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Higher ORR in less heavily pretreated patients in DREAMM-1 suggests better efficacy with belantamab mafodotin in earlier lines of therapy^{1,2}

		DREAMM-11			
Efficacy endpoint	Overall N=35	Patients without prior daratumumab treatment n=21	Patients with prior daratumumab treatment* n=13	Overall, triple-class refractory N=97	
ORR	60% (95% CI: 42.1-76.1)	71.4% (95% CI: 47.8-88.7)	38.5% (95% CI: 13.9-68.4)	32 % (97.5% CI: 21.7-43.6)	

Patients without prior daratumumab treatment responded better than those exposed to daratumumab and who were triple-class refractory to immunomodulatory agents, PIs, and anti-CD38 mAbs^{1,2}

^{*}Daratumumab+PI+immunomodulatory agent.¹
CD, cluster of differentiation; mAb, monoclonal antibody; ORR, overall response rate; PI, proteasome inhibitor.

^{1.} Trudel S et al. Blood Cancer J. 2019;9(4):37. doi:10.1038/s41408-019-0196-6 2. Lonial S et al. Cancer. 2021. doi:10.1002/cncr.33809

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DREAMM-3: confirmatory phase III study evaluating belantamab mafodotin monotherapy in earlier lines of treatment

Open label, randomized, Inclusion criteria Endpoints1 multicenter study (N=380) - Histologically or cytologically confirmed diagnosis of MM Primary: as defined by IMWG · PFS Belantamab mafodotin · ECOG performance status of 0-2 2.5mg/kg Q3W Secondary: · Undergone autologous stem cell transplant, if eligible · OS . ≥2 prior lines of antimyeloma therapy, including PI and Pomalidomide 4mg + CBR immunomodulatory drug dexamethasone 40mg · ORR - Disease progression on or within 60 days of completion or 20mg · DOR TTR · Prior treatment-related toxicities grade ≤1, except Ocular substudy² alopecia & peripheral neuropathy · Number of pts with AEs To explore BCLs as possible management of · Changes in hematological parameters Key exclusion criteria¹ belantamab mafodotin-related corneal events · Number of pts with abnormal ocular findings · Prior anti-BCMA or pomalidomide therapy · Number of pts with ADAs against belantamab · Prior allogenic stem cell transplant mafodotin Estimated primary completion · Presence of active renal condition; HIV infection; date: December 9, 2021 presence of HbsAg/HbcAb

ADA, anti-drug antibody; AE, adverse event; BCL, bandage contact lens; BCMA, B-cell maturation antigen; CBR, clinical benefit rate; DOR, duration of response; ECOG, Eastern Cooperative Oncology Group; HbcAb, hepatitis B core antigen; Hill, human immunodeliciency virus; Hill, human

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ALGONQUIN: study rationale for belantamab mafodotin in combination with SOC in earlier lines of RRMM therapy

There is an urgent need to improve outcomes in patients treated with pomalidomide and dexamethasone¹

Patients treated with pomalidomide and dexamethasone have an ORR of only 30% and a PFS of 4 months²

Conventional IgG functions of belantamab mafodotin could be enhanced by the ability of pomalidomide to augment T-cell– and NK-cell–mediated immunity (including ADCC and ADCP)²

ADCC, antibody-dependent cellular cytotoxicity: ADCP, antibody-dependent cellular phagocytosis; IgG, immunoglobulin G; NK, natural killer; ORR, overall response rate; PFS, progression free survival; RRMM, relapsed/refractory multiple myeloma; SOC, standard of care.

1. Trudel S et al. Presented at: ASH Annual Meeting and Exposition; December 5-8, 2020. 2. Nalley C. Oncol Times. 2021;43(S4):20. doi:10.1097/01.COT.0000735196.51054.e⁴

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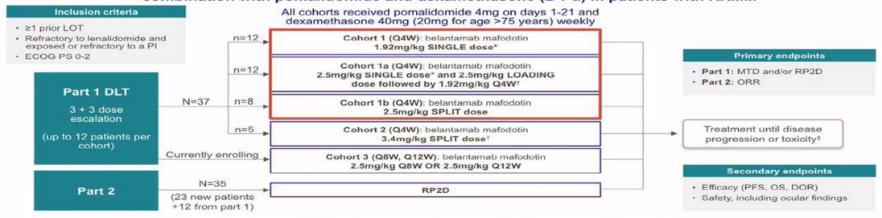






ALGONQUIN: study design

A phase I/II, two-part, multicenter, dose-escalation study evaluating belantamab mafodotin in combination with pomalidomide and dexamethasone (B-Pd) in patients with RRMM¹⁻³



"SINGLE belantamab malodotin IV on day 1.1 ISPLIT doses of belantamab malodotin IV equally on days 1 and 8.1 INine patients had discontinued treatment as of November 2020.2

DLT, dose-limiting toxicity: DOR, duration of response: ECOG PS, Eastern Cooperative Oncology Group performance status; IV, intravenous; LOT, line of therapy; MTD, maximum tolerated dose; ORR, overall response rate; OS, overall survival; PI, profession-free survival; PI, profession

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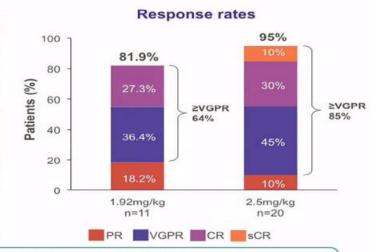




ALGONQUIN part 1: patients have maintained deep and durable responses across all cohorts

Patient characteristics	N=32	
Median age, years (range)	64 (36-81)	
Median prior lines of therapy (range)	3 (1-5)	
Double refractory,* n (%)	24 (75)	
Triple refractory,† n (%)	10 (31.2)	

Efficacy outcomes	All cohorts (N=32)	1.92-mg/kg cohort (n=12)	2.5-mg/kg cohorts (n=20)
ORR, n (%)	28/31 ‡ (90)	9/11‡ (82)	19/20 (95)
mPFS, months (95% CI)	24.9 (14.5-NR)	16.2 (8.72-NR)	25.3 (13.09-NR)



Belantamab mafodotin 1.92mg/kg and 2.5mg/kg in combination with Pd resulted in high efficacy, with 64% and 85% of patients achieving ≥VGPR, respectively

VGPR, very good partial response.
Trudel S et al. Poster presented at: 18th IMW; September 8-11, 2021; Vienna, Austria, Abstract 1082298.

^{*}Refractory to lenalidomide and a proteasome inhibitor. *Refractory to lenalidomide, a proteasome inhibitor, and daratumumab. *11 patients in the 1.92-mg/kg cohort were evaluable for response. CR. complete response; mPFS, median progression-free survival; NR, not reached; ORR, overall response rate; Pd, pornalidomide/dexamethasone; PR, partial response; sCR, stringent complete response VGPR, very coord partial response.

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ALGONQUIN part 1*: belantamab mafodotin given in combination with Pd demonstrates a manageable safety profile consistent with the individual agents

AE	(coh	ng/kg ort 1) :12	2.5mg/kg (cohorts 1a-b) n=20	
	Any grade n (%)	≥Grade 3 n (%)	Any grade n (%)	≥Grade 3 n (%)
Keratopathy [†]	11 (91.7)	5 (41.7)	20 (100)	14 (70)
Blurred vision	10 (83.3)	4 (33.4)	18 (90)	9 (45)
Neutropenia	7 (58.3)	6 (50)	13 (65)	10 (50)
Thrombocytopenia	7 (58.3)	5 (41.7)	9 (45)	4 (20)

While keratopathy and blurred vision were the most frequently reported AEs, no patients discontinued treatment due to ocular events in either dose cohort

"MTD established as 2.5mg/kg SINGLE (day 1) and 2.5mg/kg SPLIT (1.25mg/kg on days 1 and 8) O4W in combination with standard dosing of pomalidomide and dexamethasone. Alternative dosing schedules are under evaluation to further optimize efficacy/safety profile. * "Keratopathy including superficial punictate keratopathy and/or microcyst-like epithelial changes."

1. Trudel S et al. Poster presented at: 18th Burly September 5-18.000 Vienna Austria. Abstract 188298. 2. Trudel S et al. Presented at: ASH Annual Meeting and Exposition; December 5-8, 2020. 3. Popat R et al. Abstract 188298.

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ALGONQUIN: study recap and future implications

- Belantamab mafodotin in combination with Pd demonstrated deep and durable response rates¹
 - Both dose cohorts (1.92mg/kg and 2.5mg/kg) demonstrated high responses, with 64% and 85% of patients achieving ≥VGPR, and a mPFS of 16.2 and 25.3 months, respectively
- · No new safety signals were reported with this combination1
 - The most frequent AEs observed were neutropenia, thrombocytopenia, and corneal events
- ALGONQUIN dose-escalation study will help to inform²
 - Mitigation strategies for corneal events associated with belantamab mafodotin
 - Appropriate dose selection for DREAMM-8, a phase III study evaluating belantamab mafodotin in combination with SOC doublet Pd vs PVd in 2L+ RRMM2.3
- The RP2D will be presented at the ASH congress later this year

second line; AE, adverse event; ASH, American Society of Hematology; mPFS, median progression-free survival; Pd, pomalidomide/dexamethasone; PVd, pomalidomide/correzomiproexametrasone; acceptable progression-free survival; Pd, pomalidomide/dexamethasone; PVd, pomalidomide/correzomiproexametrasone; PVd, pomalidomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomide/correzomi urvival; Pd, pomalidomide/dexamethasone; PVd, pomalidomide/bortezomib/dexamethasone; RP2D, recommended phase 2

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BCMA-targeted ADCs are currently under investigation in combination therapy with SOC and novel agents to enhance efficacy¹⁻³

Preclinical data have shown promising synergistic combinability of BCMA-targeted ADC agents with the first 3 pillars of treatment for MM (eg, immunomodulatory agents, Pls, and anti-CD38 mAbs) and novel agents (eg, gamma secretase inhibitors)

Unique MOAs of ADCs make them amenable to combination therapies1-4

Combinations with SOC agents can:

- Increase ADCC/ADCP activity (eg, immunomodulatory drugs, anti–PD-1)
- Enhance antitumor response via ICD (eg, anti-PD-1)
- Augment the degree of DNA damage and increase levels of MM cytotoxicity (eg, Pls, anti–CD-38 mAbs)

Synergism with novel agents can:

· Enhance MMAF-induced apoptosis (eg, gamma secretase inhibitors)

ADC, antibody-drug conjugate; ADCC, antibody-dependent cellular cytotoxicity; ADCP, antibody-dependent cellular phagocytosis; BCMA, 8-cell maturation antigen; CD, cluster of differentiation; ICD, immunogenic cell death; mAb, monoclonal antibody; MM, multiple myeloma; MMAF, monomethyl auristatin F; MOA, mechanism of action; PD-1, programmed cell death protein 1; PI, proteasome inhibitor; SOC, standard of care.

1. Nooka AK et al. Future Oncol. 2021;17(16):1987-2003. 2. Trudel S et al. Presented at: ASH Annual Meeting and Exposition, December 5-8, 2020. 3. Xing L et al. Clin Cancer Res. 2021. doi:10.1158/1078-0432.CCR-21-1621.

4. Xing L et al. Leukemia. 2020;34(8):2150-2162.

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Studies are in progress to further investigate belantamab mafodotin as monotherapy or a combination partner^{1,2}

Monotherapy in the tripleclass-refractory setting

DREAMM-2*1

Phase II study of belantamab mafodotin in RRMM patients ongoing

DREAMM-12*3

Study of belantamab mafodotin in RRMM patients with renal impairment - ongoing

DREAMM-13*4

Study of belantamab mafodotin in RRMM patients with hepatic impairment - ongoing

Monotherapy in 3L+

DREAMM-3*9

Belantamab mafodotin vs Pd in RRMM patients - ongoing

Combination therapy with SOC in 1L+

DREAMM-6*5

Combo with Rd or Vd in RRMM - ongoing

DREAMM-7*10

Combo with Vd vs DaraVd in RRMM - ongoing

DREAMM-8*11

Combo with Pd vs PVd in RRMM - ongoing

ALGONQUIN16,12

Combo with Pd in RRMM ongoing

Combination therapy with novel agents

DREAMM-57

Combo with feladilimab or nirogacestat or dostarlimab or GSK3174998 or isatuximab -

ongoing

DREAMM-4113

Combo with pembrolizumab in RRMM - ongoing

Combination therapy in NDMM

DREAMM-9*2

Combo with VRd ongoing

NCT04808037§8

Combo with Rd - ongoing

Key:

Alternative dosing schedule strategies to mitigate corneal events^{2,5-8}

Please refer to slide notes for footnotes, abbreviations, and references.

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MEDI2228 rapidly internalizes into MM cells, leading to DNA damage and apoptosis of tumor cells^{1,2}

MEDI2228 is a fully humanized antibody conjugated to a pyrrolobenzodiazepine (PBD) payload, tesirine¹⁻⁴

- Once the agent is internalized in the MM cell, it cleaves and releases active PBD dimers
- The PBD dimers then cross-link the DNA, leading to apoptotic cell death
 - The dimers cause cell death in both rapidly dividing and more dormant cells

The ADC preferentially binds to membrane-bound BCMA, thereby delivering its payload specifically to MM cells¹

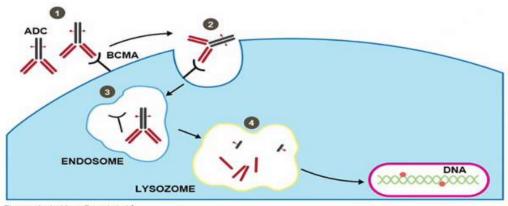


Figure adapted from Demel et al.⁴ ©2020 British Society for Haematology and John Wiley & Sons Ltd.

ADC, antibody-drug conjugate; BCMA, B-cell maturation antigen; MM, multiple myeloma.

1. Cho SF et al. Front Immunol. 2018;9:1821. doi:10.3389/firmmu.2018.01821.2. Kinneer K et al. Leukemia. 2019;33(3):766-771. 3. Xing L et al. Leukemia. 2020;34(8):2150-2162. 4. Demel I et al. Br J Haematol. 2021;193(4):705-722.

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Phase I results for anti-BCMA ADC MEDI2228 in RRMM*

	MEDI	22281-3			Phase (actual enrollme		
	N=82						
Patient	Median age, years (r	ange): 69 (40-8	39)				
characteristics	Prior lines of therap	y, range: 2-11					
orial actoriotics	7	riple refractory,	n (%)	47 (57	.3)		
	Dose in mg/kg	0.0125 (n=3)	0.025 (n=6)	0.05 (n=9)	0.10 (n=18)	MTD 0.14 (n=41)	0.2 (n=5)
Efficacy	ORR, n (%)	1 (33.3)	1 (16.7)	3 (33.3)	5 (27.8)	27 (65.9)	2 (40)
outcomes	≥VGPR, n (%)	1 (33.3)	0 (0)	2 (22.2)	4 (22.2)	11 (26.8)	0 (0)
	mDOR, months		**		## ·	5.9	
	Adverse	e event		Grades 1/2, n (%)	Grades 3/4,	n (%)
	Photop	hobia		17 (41.5)		7 (17.1))
D = 6 - 4	Ra	sh		13 (31.7)		0 (0)	
Safety profile	Thromboo	cytopenia		3 (7.3)		10 (24.4)
	Pleural e	effusion		9 (22.0)		1 (2.4)	
	GGT inc	reased		2 (4.9)		8 (19.5	Y:

*AstraZeneca has stopped development of MEDI2228 in MM.4

ADC, antibody-drug conjugate; BCMA, B-cell maturation antigen; GGT, gamma-glutamyltransferase; mDOR, median duration of response; MM, multiple myeloma; MTD, maximum tolerated dos

1. MEDI228 in subjects with relapsed/refractory multiple myeloma (MEDI228). Clinical Trials.gov identifier: NCT03489525. Updated May 24, 2021. Accessed August 4, 2021. https://clinicaltrials.gov/ct2/show/NCT03489525. 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstract 179. 3. Kumar SK et al. Presented at ASH Annual Meeting and Exposition: December 5-8, 2020. Abstr

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AMG 224 ADC inhibits the assembly of microtubules, leading to tumor cell death¹⁻³

AMG 224 is an ADC consisting of an antihuman BCMA-targeted IgG1 antibody¹

- Conjugated to an antitubulin maytansinoid, (mertansine, DM1), via a non-cleavable linker
- Mertansine (DM1) is a potent microtubuletargeted cytotoxic agent^{2,3}
- DM1 inhibits microtubule polymerization, resulting in antitumor effects

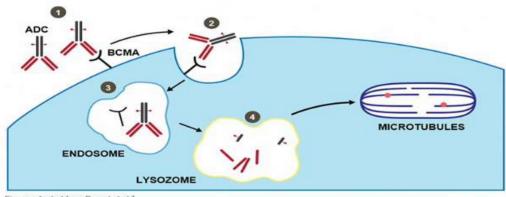


Figure adapted from Demel et al.³
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ADC, antibody-drug conjugate; BCMA, B-cell maturation antigen; IgG1, immunoglobulin G1.

1. Lee HC et al. Leukemia. 2020. doi:10.1038/s41375-020-0834-9. C'Donnell EK, Raje NS. Ther Adv Hematol. 2017;8(20):41-53. 3. Demel I et al. Br J Haematol. 2021;193(4):705-722.

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Phase I results for anti-BCMA ADC AMG 224 RRMM*

	AMG 2	AMG 2241		Phase I (actual enrollment N=42)	
	n=40				
Patient	Median age, years (rang	je): 65 (46-82)			
characteristics	Median prior lines of therapy (range): 7 (2-11)				
	Double refractory, n (%)		13 (33)		
Efficacy outcomes	Endpoints	Total (n=40)	Dose escalation cohort (n=29)	Dose expansion cohort 3mg/kg (n=11)	
	ORR, n (%)	9 (23)	6 (21)	3 (27)	
	mDOR, months	144	14.7		
Safety profile	AEs in dose escalation cohort (n=29)		Grades 1/2, n (%)	Grades ≥3, n (%)	
	Thrombocytopenia			7 (24)	
	Ocular†		6 (21)	0	
	Anemia			6 (21)	
	AEs in 3mg/kg dose expansion cohort (n=11)		Grades 1/2, n (%)	Grades ≥3, n (%)	
	Thrombocytopenia			6 (55)	
	Ocular [‡]		4 (36)	0	
	Neutropenia			3 (27)	
	Anemia			2 (18)	

^{*}Amgen deprioritized AMG 224 anti-BCMA ADC in 2017.² Included dry eye, increased lacrimation, conjunctival hemorrhage, diplopia, eye irritation, eye pruritus, blurred vision, reduced visual acuity, visual impairment, and vitreous hemorrhage. Included dry eye, increased lacrimation, and ocular hyperemia.

^{1.} Lee HC et al. Leukemia. 2020:35:255-258. 2. ADC Review. AMG. Accessed August 5, 2021. https://www.adcreview.com/drugmap/amg-224-adc-bite/Please refer to silde notes for abbreviations.

This information is intended for healthcare providers only. Compounds may be investigational. Inclusion in this presentation does not imply requisitory approval for these compounds or indicational.

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Discussing the impact of ADCs on patient experience in triple-class-refractory MM

Is QOL impacted by ADC-associated adverse events in patients with triple-class-refractory multiple myeloma?

How can we successfully manage adverse events associated with ADCs (eg, corneal events)?

Can treatment efficacy be maintained with long-term management of ADC-associated adverse events?

ADC, antibody drug conjugate; MM, multiple myeloma; QOL, quality of life.

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Corneal exam findings (keratopathy*), together with BCVA changes, guide dose modifications of belantamab mafodotin

	Corneal examination finding(s) [‡]		Presentation of MECs ^{‡2}	Corneal AE management
Severity [†]	Change in BCVA	Description	Example schematics by severity	Recommended dose modifications
Grade 1/ Mild	Decline from baseline of 1 line on Snellen VA test	Mild superficial keratopathy*§ (documented worsening from baseline), with or without symptoms	Pupil Cornea Limbus	Continue treatment at current dose
Grade 2/ Moderate	Decline from baseline of 2 or 3 lines (and Snellen VA not worse than 20/200)	Moderate superficial keratopathy*§ with or without patchy MECs, subepithelial haze (peripheral), or a new peripheral stromal opacity	Dots represent MECs	Withhold treatment until improvement and BCVA reduction is of mild severity or better Resume at reduced dose of 1.9mg/kg
Grade 3/ Severe	Decline from baseline of more than 3 lines (and Snellen VA not worse than 20/200)	Severe superficial keratopathy*§ with or without diffuse MECs involving the central cornea, subepithelial haze (central), or a new central stromal opacity		Withhold treatment until improvement and BCVA reduction is grade 1/mild Resume at reduced dose of 1.9mg/kg ^{II}
Grade 4/ Severe	Snellen VA worse than 20/200	Corneal epithelial defect, including corneal ulcers. These should be managed promptly and as clinically indicated by an eyecare professional	N/A	Withhold treatment until improvement and BCVA reduction is of mild severity or better. For worsening symptoms, consider discontinuing Resume at reduced dose of 1.9mg/kg ^{II}

Please refer to slide notes for footnotes, abbreviations, and reference.

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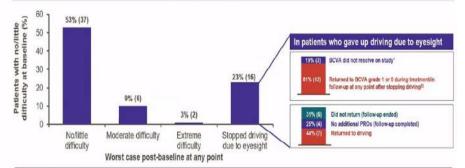






Most patients in DREAMM-2 continued driving with little or no difficulty while on treatment with belantamab mafodotin

Worst case post-baseline shift in driving among patients with no/little difficulty at baseline (N=70)



Post-baseline assessments were missing for 6 patients (9%)

In the 23% (16) patients who stopped driving due to eyesight, time to onset of first occurrence was a median of 63.5 days

Of these patients who stopped driving, 81% (13) returned to a BCVA of grade 0 or 1 later during treatment/follow-up, tt with 44% (7) returning to driving on-study. Of the 56% (9) patients who did not return to driving, 44% (4) did not have a follow-up PRO assessment

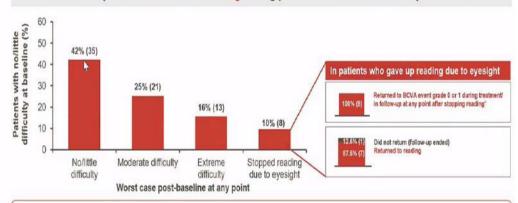
Please refer to slide notes for abbreviations and references.

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Additionally, many patients in DREAMM-2 continued reading with little or no difficulty while on treatment

Worst case post-baseline shift in reading among patients with no/little difficulty at baseline



Post-baseline assessments were missing for 8 patients (10%)

Time to first occurrence for patients who stopped reading due to eyesight was a median of 85 days. Of the 8 patients who stopped reading, 100% (8) returned to a BCVA of grade 0 or 1 later during treatment/follow-up,* with 87.5% (7) able to start reading again while in the study

Please refer to side notes for abbreviations and references

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Example questions to ask patients to facilitate reporting of new corneal AEs

During conversations with patients regarding the effects of their treatment, it may be helpful to ask the following questions regarding new corneal AEs they may be experiencing:

- Are you finding it difficult to read during the day or at night due to your eyesight?
- Mave you noticed any problems with your eyesight while driving?
- O you have any problems with your eyes or vision when using a computer/tablet/phone or watching television?
 Have you needed to increase the font size on your devices so that you can see the text better?
- When you noticed any vision changes or other symptoms when you engage in any other activities that are important to you?
- Have you experienced any pain or discomfort in or around your eyes?
- Are your eyes more sensitive than usual to light?
 - Have you needed to turn off the lights or wear sunglasses indoors because you were more sensitive to light?
- Have you noticed any other symptoms related to your eyes or eyesight?
 - Foreign body sensation?
 - Watering eyes?
 - Others (patient to indicate)

AE. adverse event.

Lonial S et al. Blood Cancer J. 2021;11:103.

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Summary

Belantamab mafodotin displays a multimodal MOA including immunogenic cell death¹

- Belantamab mafodotin is an anti-BCMA mAb with immune-dependent (ICD and ADCC/ADCP) and independent (MMAF) antitumor activity
- Induction of ICD by belantamab mafodotin results in an immunedependent mechanism that activates innate and adaptive immune cells

MEDI2228 and AMG 224 induce tumor cell apoptosis via different MOAs

- MEDI2228's payload, PBD, crosslink DNA, leading to apoptotic cell death through accumulation of DNA damage²
- AMG 224 induces apoptosis through its payload by inhibiting microtubule assembly³

BCMA-targeted ADCs are amenable to combination therapies

- BCMA-targeted ADCs can be combined with SOC, to include the other 3 pillars of treatment for MM, and novel agents^{4,5}
 - Belantamab mafodotin combos can enhance ADCC/ADCP activity or increase antitumor response⁶
 - MEDI2228 combos can induce
 MM cytotoxicity and increase MM cell DNA damage⁷

ADC, antibody-drug conjugate, ADCC, antibody-dependent cellular cytotoxicity, ADCP, antibody-dependent cellular phagocytosis, BCMA, B-cell maturation antigen; ICD, immunogenic cell death, mAb, monoclonal antibody, MM, multiple myeloma; MMAF, monomethyl auristatin F, MOA, mechanism of action; PBD, pyrrolobenzodiazepine; SOC, standard of care.

Montes De Oca R, Gupta I, Shelton C. Presented at: American Association for Cancer Research Annual Meeting; June 22-24, 2020. Poster 6711. 2. Kinneer K et al. Leukemia. 2019;33(3):766-771. 3. Demel I et al. Br J Haematol. 2021;193(4):705-722. 4. Montes De Oca R, Gupta I, Shelton C. Poster presented at: American Association for Cancer Research Annual Meeting; June 22-24, 2020. Poster 6711. 5. Nooka AK et al. Future Oncol. 2021;17(16):1987-2003. 6. Trudel S et al. Poster presented at: ASH Annual Meeting and Exposition; December 5-8, 2020. 7. Xing L et al. Leukemia. 2020;34(8):2150-2162.