Emerging and Current Treatment of Multiple Myeloma: What Should We Know and What Should We Do

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Disclosures

Advisory Role: Pfizer, Astrazeneca, Janssen, Oncopeptides

Board Membership: C4 Therapeutics, Dynamic Cell Therapies, Window, Starton

Ownership Interests: C4 Therapeutics, Oncopep, NextRNA, Dynamic Cell Therapies

Therapeutic Advances in Multiple Myeloma

Proteasome inhibitors: bortezomib, carfilzomib, ixazomib; immunomodulatory drugs: thalidomide, lenalidomide, pomalidomide; HDAC inhibitor: panobinostat; monoclonal antibodies: elotuzumab, daratumumab, and isatuximab; nuclear transport inhibitor: selinexor; Immunotoxin: belantomab mafodotin; CAR T cell: idecel, ciltacel; bispecific T cell engager: teclistamab

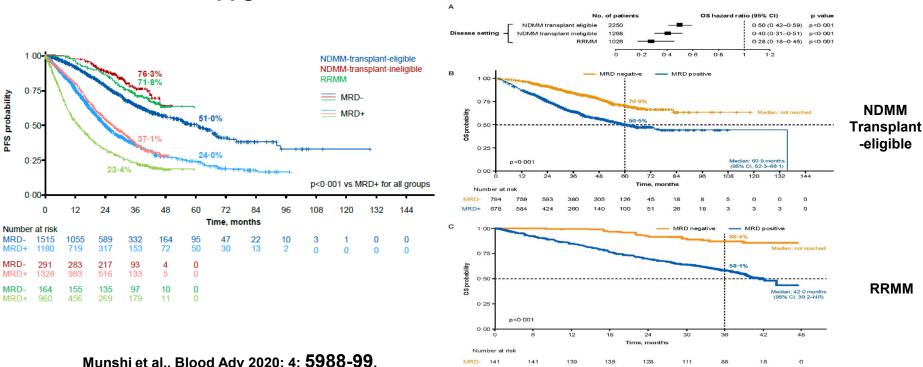
Target MM in the BM microenvironment, alone and in combination, to overcome conventional drug resistance *in vitro* and *in vivo*

Effective in relapsed/refractory, relapsed, induction, consolidation, and maintenance therapy

31 FDA approvals (15 agents), median patient survival prolonged 3-4 fold, from 3 to at least 8-10 years, and MM is a chronic illness in many patients.

3 Eras of Progress: Transplant 1980-; Targeted Therapies 2000-; Immune Therapies 2020-

Minimal Residual Disease Negativity in Newly Diagnosed and Relapsed Refractory MM: Prolonged PFS and OS OS PFS



MRD+ 926 818

740

665

601

496

293

55

0

Munshi et al., Blood Adv 2020; 4: 5988-99.

Even without CRAB (Calcium, Renal, Anemia, Bone) Myeloma Defining Events (IMWG) Include::

Bone marrow plasma cells **>** 60%

Abnormal FLC ratio <u>></u> 100 (involved kappa) or <0.01 (involved lambda)

Focal bone marrow lesions on PET-CT and/or

Treat as MM

High Risk Smoldering MM (SMM)

2 factors: M protein >2gm/dL, BM plasma cells > 20%, FLC ratio >20)

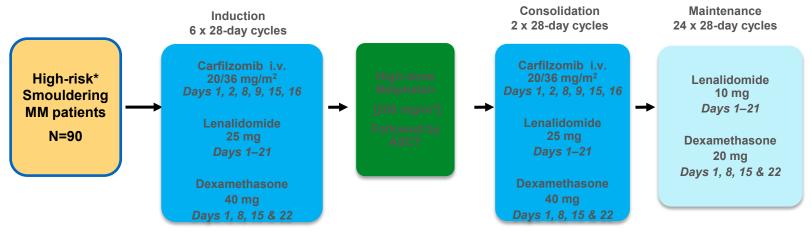
Novel agents (lenalidomide with or without dex) and immune therapy protocols to delay or prevent progression of high risk SMM to active MM.

Rajkumar et al. *Lancet Oncol* 2015; 12: e538; Kumar et al Blood Cancer J 2018; 8: 59 Lonial et al. JCO 2020; 38: 1126-37; Mateos et al ; NEJM 2013; 438-47.59

Daratumumab, Carfilzomib, Lenalidomide And Dexamethasone For High-Risk Smoldering Multiple Myeloma-ASCENT Trial (96 weeks)

The quadruplet regimen is effective in high-risk smoldering patient population: \geq 94% VGPR, 84% MRD-, median PFS NR, 89.9% PFS at 36 mo (87 patients, 7% AA)

Toxicities seen were similar to those seen with the same regimen when used in active myeloma



63% MRD- after ASCT, 49% maintained MRD-; MRD- sustained at 4 years after ASCT predicted sustained MRD-

At 70m, 94% patients not progressed to MM, 48% patients biochemically progressed: ORR 80% to DPd, majority have not progressed to MM

Kumar et al ASH 2022 Mateos et ASH 2022

Therapy for Newly Diagnosed MM Transplant Candidates

Triplets

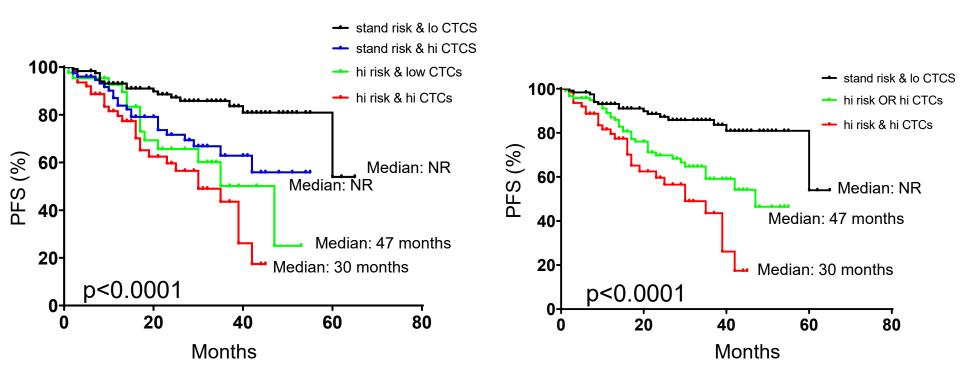
Lenalidomide (R)/ <u>B</u>ortezomib (V)/ Dexamethasone (Dex) RVD Cyclophosphamide (Cy)/Bortezomib/Dex CyBorD Carfilzomib (K) RD if neuropathy KRD Ixazomib RD all oral IRD VRD equivalent to KRD in non high risk; KRD in high risk

Quadruplets VTD-Daratumumab (Cassiopeia, MRD- responses, FDA approved) RVD-Dara (Griffin, MRD- responses), KRD-Dara (Forte, MRD- including high risk) Elotuzumab RVD equivalent to RVD in high risk Isatuximab KRD active in high risk Ixazomib RD Dara under evaluation

Maintenance

R in standard risk; VR Bort, KR, Dara-R in high risk

Increased Levels of Circulating Plasma Cells in Patients with Newly Diagnosed Multiple Myeloma Are Independently Associated with Poor Prognosis



American Society *of* Hematology

Kostopoulos et al ASH 2022

DETERMINATION Phase 3 and IFM Study RVd vs RVd-ASCT with R to Progression (US) or Fixed Duration (IFM)

• Median age 57 y (RVd) and 55 y(RVd-ASCT), HR 19-20%, median 3 y for R maintenance

| PFS: RVd | RVd ASCT | 5-y OS | PFS IFM 2009 |
|------------------|----------|-----------------|---------------------|
| • ITT 46.2 vs. 6 | 67.5 mo. | 79.2 vs. 80.7 % | 35.0 vs. 47.3 mo. |
| • HR 17.1 vs. 5 | 55.5 mo. | 54.3 vs. 63.4 % | 20.2 vs. 29.5 mo. |
| • SR 53.2 vs. 8 | 32.3 mo. | 86.2 vs. 86.0 % | 36.8 vs. 52.0 mo. |

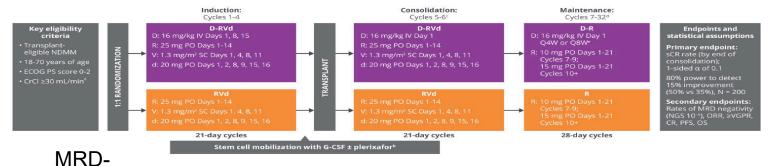
In transplant eligible patients RVd-ASCT prolongs PFS, but not OS, to a greater extent with continuous than fixed maintenance. Benefit is much less in HR patients

AA 18.5%; Asian 2.8%, Hispanic 5.9% DRIVE Rank Score 5



Richardson et al ASCO 2022, N Eng J Med 2022; 387: 132-47. Attal et al NEJM 2017; 376: 1311-20 Perrot A et al Blood 2018; 132:2456-64; ASH 2020 9

Dara with RVD Griffin Study: Phase 2 Randomized Study



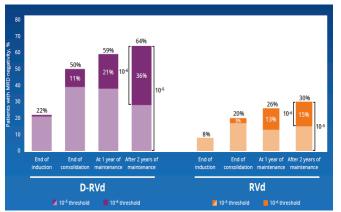
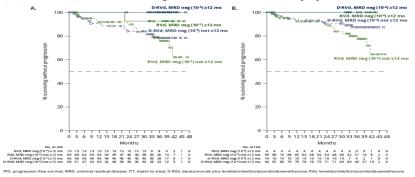


FIGURE 5: PFS by durable MRD negativity lasting ≥12 months at the (A) 10⁻⁵ or (B) 10⁻⁶ sensitivity thresholds in the ITT population



Depth of Response Increases from Induction through Maintenance Sustained MRd at 12m: 44.2% (DRVd) vs 12.6% (RVd) (10⁻⁵) Associated with Prolonged PFS



Carfilzomib Induction, Consolidation, and Maintenance with or without ASCT In NDMM: Cytogenetic Subgroup Analysis of FORTE Clinical Trial

KRd x 4, melphalan ASCT, KRd x 4 vs KRd x 12 cycles vs KCd x 4, ASCT, KCd x 4

477 pts enrolled, 396 pts cytogenetic data

4- year PFS: 71% with 0 HRCA, 60% with 1 HRCA, 39% with \geq 2 HRCA

4-year OS: 94% with 0 HRCA, 83% with 1 HRCA, 63% with \geq 2 HRCA

Conclusion: Carfilzomib based induction-intensification-consolidation regimens effective with 0 or 1 HRCA, but unmet need remains with \geq 2 HRCA

Mina et al, Lancet Oncol 2023; 24: 64-76.

Isatuximab, Carfilzomib, Lenalidomide, and Dexamethasone (Isa-KRd) in High-Risk NDMM: Interim Analysis GMMG-CONCEPT Trial

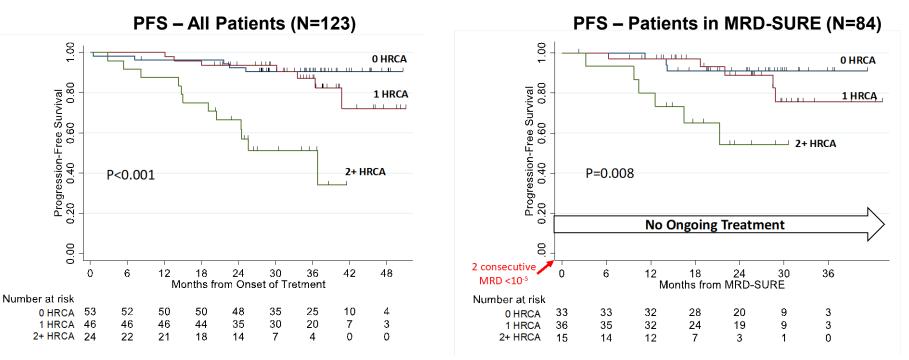
HRMM criteria: ISS stage II or III PLUS ≥1 of: del(17p), t(4;14), t(14;16) and/or >3 copies 1q21

- Among newly diagnosed high-risk myeloma patients, Isa-KRd +/- HDM during induction and consolidation induced deep responses
- 67.7% MRD-negative TE patients and 54.2% MRD-negative TNE patients
- 63/66 evaluable TE patients were MRD-negative at the end of consolidation
- High and deep response rates were achieved in both TE (ORR: 94.9%, ≥VGPR: 90.9%) and TNE (ORR: 88.5%, ≥VGPR: 88.5%) patients, with responses deepening over time
- Isa-KRd is well tolerated, with overall safety profile consistent with individual drugs

Our data support the use of optimized quadruplet therapy in first-line treatment, especially in patients with high-risk disease



Daratumumab, Carfilzomib, Lenalidomide and Dexamethasone (Dara-KRd), ASCT, MRD Response-Adapted Consolidation and Treatment Cessation-MASTER Trial



HRCA = gain/amp 1q, t(4;14), t(14;16), t(14;20), del(17p)

nternational

veloma Societv

Median follow up 34.1 mo, unpublished data, IMW.

Early relapses with 2+ HRCA

Costa et al. JCO 2022; 40: 2901-12

19th International Myeloma Society Annual Meeting 13

Therapy for Newly Diagnosed MM Transplant Ineligible

Triplets preferred at attenuated dose/schedule:

Lenalidomide (Len)/ <u>B</u>ortezomib (Bort)/ Dexamethasone (Dex) RVD Lite Cyclophosphamide (Cy)/Bort/Dex CyBorD Carfilzomib RD if neuropathy KRD Ixazomib RD all oral regimen IRD Daratumumab RD DRD (Maia, FDA approved) Doublets Frail patients, ie Bort/Dex or Len/Dex at reduced doses Quadruplet

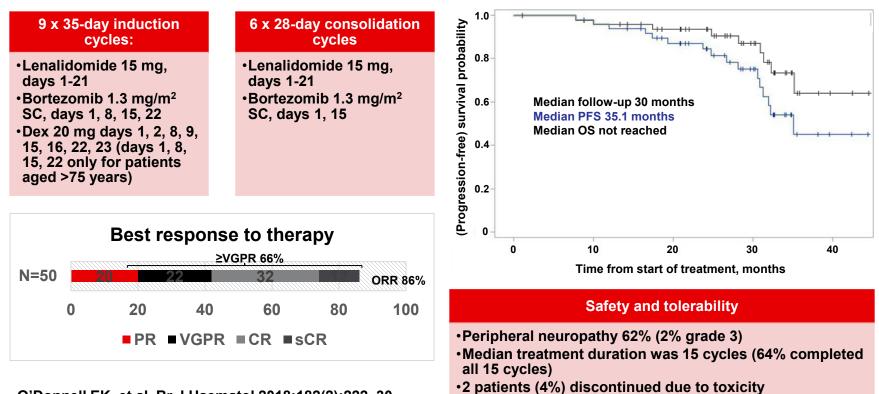
Daratumumab MPV (FDA approved but not used in USA); RVD lite,

R ixazomib **D** with or without MoAbs under evaluation

Maintenance

Len in standard risk, Bort or Len Bort in high risk, MoAbs under evaluation

RVd-lite: Reduced-Intensity Triplet Regimen with Substantial Efficacy



O'Donnell EK, et al. Br J Haematol 2018;182(2):222–30.

Health-Related Quality of Life for Frail Transplant-Ineligible Patients With Newly Diagnosed Multiple Myeloma Treated With Daratumumab, Lenalidomide, and Dexamethasone (D-Rd) in MAIA (DRd vs Rd) Trial

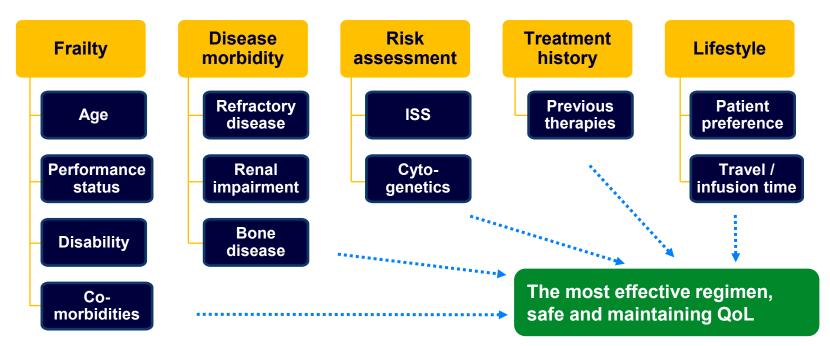
The phase 3 MAIA study demonstrated that the triplet regimen D-Rd improved PFS (53%, median 62 months) and OS (66%) in newly diagnosed transplant ineligible patients.

Additional updates of the MAIA study at ASH 2022 confirm superior outcomes with D-Rd vs Rd

- In an analysis of OS at a longer median follow-up (73.6 months) and an overall analysis of updated efficacy and safety after a median follow-up of 64.5 months
- In clinically important subgroups and in patients aged <70, <75, and ≥70 to
 <75 years both at a median follow-up of 64.5 months

Frail patients in MAIA showed improvements over time with D-Rd in Global Health Status (an overall HRQoL measure), in physical functioning, and reductions in pain.

Disease and Patient Factors Influence Treatment Choices in Relapsed Refractory MM



Therapy for Relapsed MM

Active In Len and Bort refractory MM

Carfilzomib Pom Dex (no neuropathy)

Dara Pom Dex (FDA approved), Dara Carfilzomib Dex (deep responses, FDA approved)

Elo Pom Dex (well tolerated, FDA approved)

Isatuximab Pom Dex, Isa Carfilzomib Dex (FDA Approved)

Active in Bort refractory MM

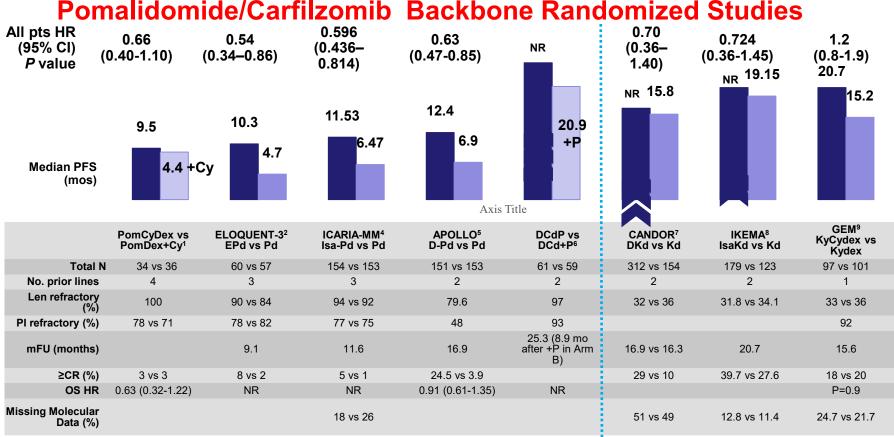
Elotuzumab Len/Dex (indolent relapse), Ixazomib Len Dex (all oral), Carfilzomib Len Dex (no neuropathy), Dara Len dex (MRD- responses) (all FDA approved)

Active in Len refractory MM

Pom Bort Dex, Selinexor Bort Dex, Dara Bort Dex (MRD- responses)(FDA approved)

Active in Len, Pom, Bort, Carfil, Dara refractory MM

Selinexor (GI side effects), Belantomab mafodotin (keratopathy), Idecel and Ciltacel CAR T cells, Teclistamab bispecific T cell engager (all FDA approved)

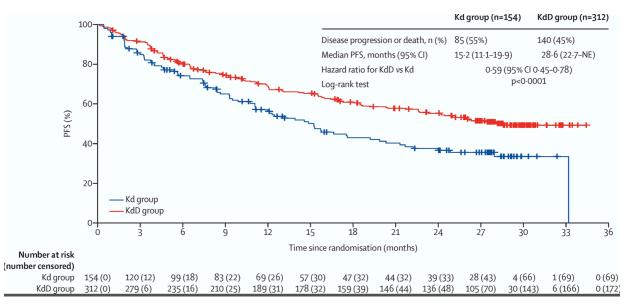


1. Baz RC et al. Blood (2016) 127 (21): 2561–2568; 2. Dimopoulos MA et al. N Engl J Med. 2018;379:1811; 3. Richardson et al. Lancet Oncol. 2019;20:781-794; 4. Attal M et al. Lancet. 2019;394:2096;

5. Dimopoulos MA et al. ASH 2020; 6. Sebag M et al. ASH 2020. 7. Dimopoulos M et al. Lancet. 2020;396:186; 8. Moreau P et al. Presented at the 25th European Hematology Association Annual Meeting; June 2020. Abstract LB2603.

9. Mateos MV et al. ASH 2020.

Carfilzomib, Dexamethasone, and Daratumumab versus Carfilzomib and Dexamethasone For RRMM (Candor)



At median FU 27.8 mo: median PFS 28.6 mo in KdD and 15.2 mo in Kd cohort. HR 0.59, p<0.0001)

Grade > 3 treatment emergent adverse events: 87% pts KdD vs 76% pts in Kd cohort

Usmani et al Lancet Oncol 2022; 23: 65-76.

Isatuximab -Pom-dex (ICARIA-MM)

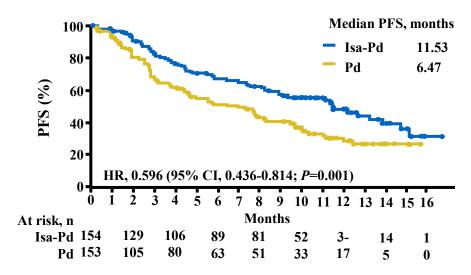
- Isa-Pom-dex group
 - 3 prior lines of treatment
 - 94% lenalidomide-refractory (60% in last line)
 - 77% PI-refractory
 - 72% double-refractory

| Response | Pd | Isa-Pd |
|--------------------|--------------------------|--------|
| ORR, % | 35 | 60 |
| sCR | <1 | 0 |
| CR | 1 | 5 |
| VGPR | 7 | 27 |
| PR | 27 | 29 |
| Median DOR, months | 11.1 | 13.3 |
| Median follow-up | edian follow-up 11.6 mos | |

Safety:

- Grade ≥3 neutropenia in 50% vs 35%
- SAEs in 73% vs 60%

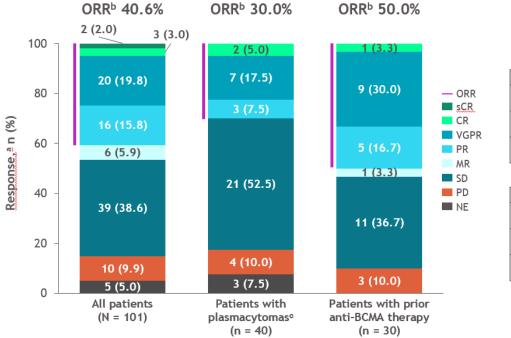
Attal M, et al. Lancet 2019;394(10214):2096–107. Richardson PG, et al. Lancet Oncol 2022;23(3):416–27.



- PFS HR (95% CI)
 - Lenalidomide-refractory, 0.59 (0.43-0.82)
 - Lenalidomide-refractory in last line, 0.50 (0.34-0.76)
 - Lenalidomide/PI-refractory: 0.58 (0.40-0.84)
- Median OS 24.6 vs 17.7 months, HR 0.76 (0.57-1.01)

DOR, duration of response; OS, overall survival.

Mezigdomide (CC-92480) with Dexamethasone in RRMM: Dose-Expansion Phase of the CC-92480-MM-001 Trial



| Time to first response, median (range), months | | | |
|--|-------------------|--|--|
| All pts | 0.95 (0.89-12.92) | | |
| Pts with plasmacytomas ^c | 2.17 (0.92-5.26) | | |
| Pts with prior anti-BCMA therapy | 2.10 (0.89-10.16) | | |

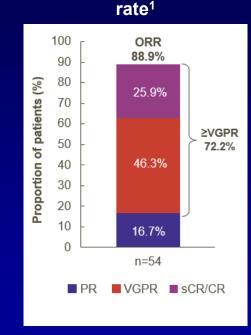
| Follow-up <u>time,^d median (range), months</u> | | | |
|---|-------------------|--|--|
| All pts | 5.46 (0.03-17.49) | | |
| Pts with plasmacytomas ^c | 6.10 (0.03-15.98) | | |
| Pts with prior anti-BCMA therapy | 5.46 (0.03-15.98) | | |

Activity of MEZI+DEX is promising in TCR pts, as well as those with plasmacytoma and/or prior anti-BCMA therapy

ALGONQUIN part 1: Belantamab Mafodotin in Combination With Pd Shows High Efficacy in All Cohorts in 2L+ RRMM¹

| Patient characteristics ¹ | N=56 | | | |
|---------------------------------------|-------------------------------|------------|--|--|
| Median age, years (range) | 64 (36-81) | | | |
| Median prior lines of therapy (range) | 2.5 (1-5) | | | |
| Anti-CD38 (dara) refractory, n (%) | 31 (55.4) | | | |
| Double refractory, n (%) | le refractory, n (%) 42 (75)* | | | |
| Triple refractory, n (%) | 27 (48.2)† | | | |
| Efficacy outcomes ¹ | n=54 | | | |
| ORR, n (%) | 48 (88.9) | | | |
| mPFS, months (95% CI) | 17 (14.5-NR) | | | |
| Median follow-up, months (range) | 11 (0.5-30.9) | | | |
| C -f-t-, | N=56 | | | |
| Safety outcomes,‡ n (%)² | Any grade | Grade ≥3 | | |
| Keratopathy | 56 (100) | 41 (73.21) | | |
| Blurred vision | 47 (83.92) | 26 (46.42) | | |
| Thrombocytopenia | 29 (51.87) | 20 (35.71) | | |
| Neutropenia | 28 (50) | 22 (39.28) | | |

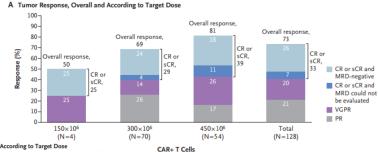
Overall response



No cases of secondary infections, CRS, or neurotoxicity were reported and no new safety signals were observed¹

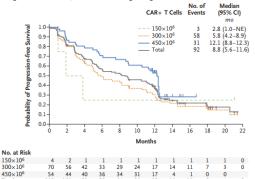
1. Trudel S et al. Poster presented at: American Society of Hematology Annual Meeting and Exposition; December 11-14, 2021; Atlanta, GA. Poster 1653.

Idecel BCMA CART: Response Rate and PFS in RRMM

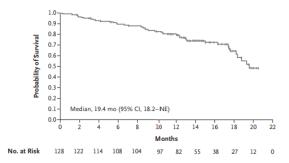


C Progression-free Survival, Overall and According to Target Dose

Total

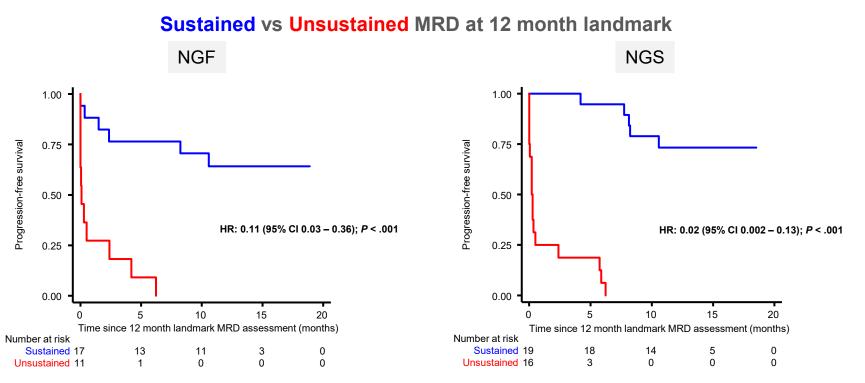


1 0 D Overall Survival



Munshi et al NEJM 2021; 384: 705-16

Early and Sustained Undetectable Measurable Residual Disease (MRD) After Idecabtagene Vicleucel (ide-cel) Defines a Subset of MM Patients in KarMMa Achieving Prolonged Survival



Paiva et al, ASH 2022

Ide-cel or Standard Regimens in RRMM

Phase III trial in RRMM after 2-4 regimens (IMiDs, PIs, Dara), refractory to last regimen Randomized 2:1 to Ide-Cel or 1 of 5 standard regimens

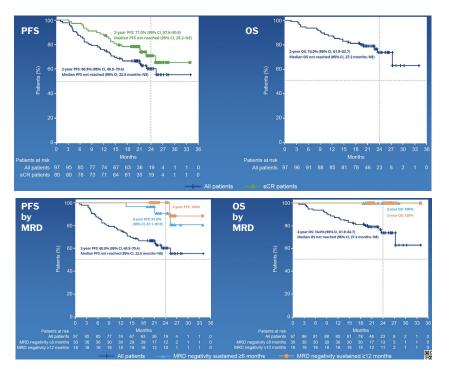
Results:

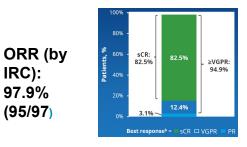
254 pts Ide-cel and 132 to standard regimen 66% triple refractory, 95% Dara refractory

At median 18.6 mos followup: PFS 13.3 mo Ide-cel vs 4.4 mo standard regimen HR 0.49, p<0.001); OS not mature ORR: 71% Ide-cel vs 42% standard therapy (p<0.001) Adverse events Grade \geq 3: 93%% Idecel vs 75% standard therapy Idecel: CRS 88%, 5% grade \geq 3; Neurotoxocity 15%, 3% grade \geq 3

Rodriguez-Otero P et al NEJM 2023, in press

Updated Results From the CARTITUDE-1 Phase 1/2 Study of **Cilta-cel CART in RRMM**





| Efficacy | | |
|---|------------------|----------------|
| Best response of sCR by median follow-up, % | 1 year | 67 |
| | 2 years | 83 |
| Median time to (range), months | First response | 1 (0.9-10.7) |
| | Best response | 2.6 (0.9-17.8) |
| | ≥CR | 2.9 (0.9-17.8) |
| Median DOR (range), months | | NE (21.8-NE) |
| MRD-negative (10 ⁻⁵) [n=61], % | | 92 |

Martin T, et al. ASH 2021. Abstract 549

IRC):

97.9%

(95/97)

Cartitude 2: Ciltacel in Early Relapse (within one year of ASCT, or within one year in those without ASCT)

n=19 pts ORR 100%, 90% CR, 95% VGPR 12 mo PFS 90% 84% CRS, ICANs grade 4 1 pt

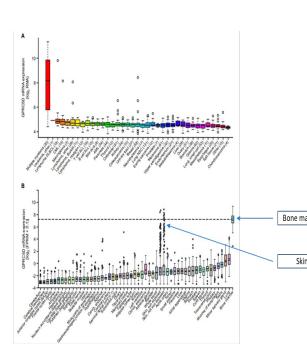
van de Donk ASCO 2022

Cartitude 2 : Ciltacel for Relapse after 1-3 prior therapies

n=20 pts ORR 95%, 75% CR/sCR, 85% VGPR Median DOR not reached CRS 85%, 10% grade ³/₄ 3 pts ICANS grades 1-2

Agha et al ASCO 2022

GPRC5D Targeted CAR T Cell Therapy in Relapsed Refractory Multiple Myeloma

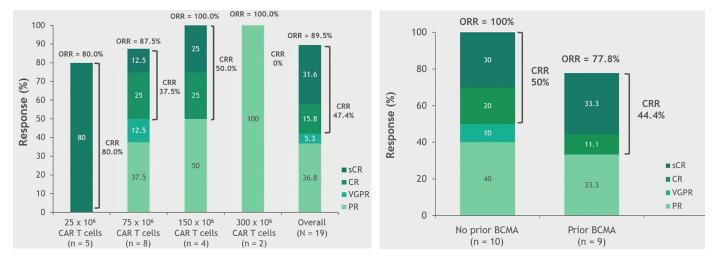


Smith EL. et al. Science Translational Medicine 2019

| - | | | • • | | | |
|------|-----------------------------|---|---|--|---|-----------------|
| | Response | 25 X10 ⁶ CAR+ T cells (n=3) | 50 X10 ⁶ CAR+ T cells (n=3) | 150 X10 ⁶ CAR+ T cell (n=5) | 450 X10 ⁶ s CAR+ T cells (n=5) | Total (N=16) |
| PR o | r better, n (%) | 1 (33) | 3 (100) | 2 (40) | 5 (100) | 11 (69) |
| VGP | R or better, n (%) | 1 (33) | 2 (67) | 0 (0) | 4 (80) | 7 (44) |
| CR o | r better (%) | 0 (0) | 1 (33) | 0 (0) | 3 (60) | 4 (25) |
| MRD | negativity, n (%) | 2 (67) | 2 (67) | 2 (40) | 2 (50) | 8 (50) |
| | Res | oonse | | IA therapy 10) | Prior CAR T the (n=8) | rapy |
| - | Partial Respons | e or better, n (% | %) 8 (| 80) | 6 (75) | |
| - | Complete Response or better | | 3 (| 30) | 3 (38) | |
| - | BM MRD negativ | /ity*, n (%) | 5 (| 50) | 2 (25) | |
| - | | | | | | |

Mailankody et al ASH 2021; N Engl J Med 2022; 387: 1196-1206.

CC-95266 GPRC5D-Targeting CAR-T Cell Therapy: Response



ORR

ORR in patients with and without prior BCMA-targeting therapy

Berdeja J et al. ASH 2022

Phase I Study of PHE885, a Fully Human BCMA-Directed CAR-T Cell Therapy for Relapsed/Refractory Multiple Myeloma

Anti-BCMA CAR-T cells PHE885 is manufactured using the T-Charge[™] platform, which reduces ex vivo culture time to about 24 hours and takes <2 days to manufacture, relying entirely on in vivo expansion after CAR-T cell infusion

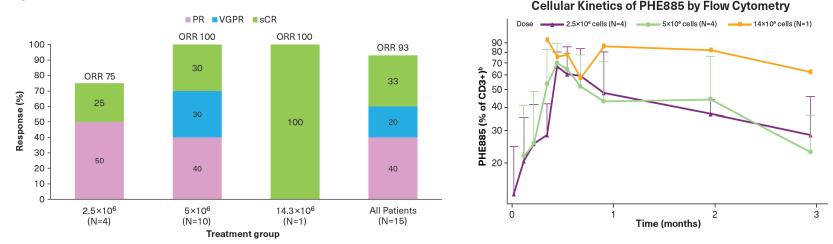


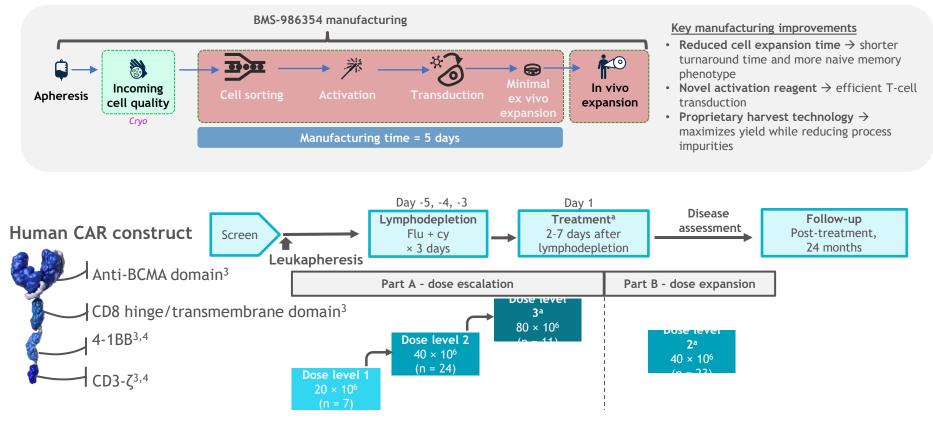
Figure 2. Summary of Tumor Response by ORR^a

31

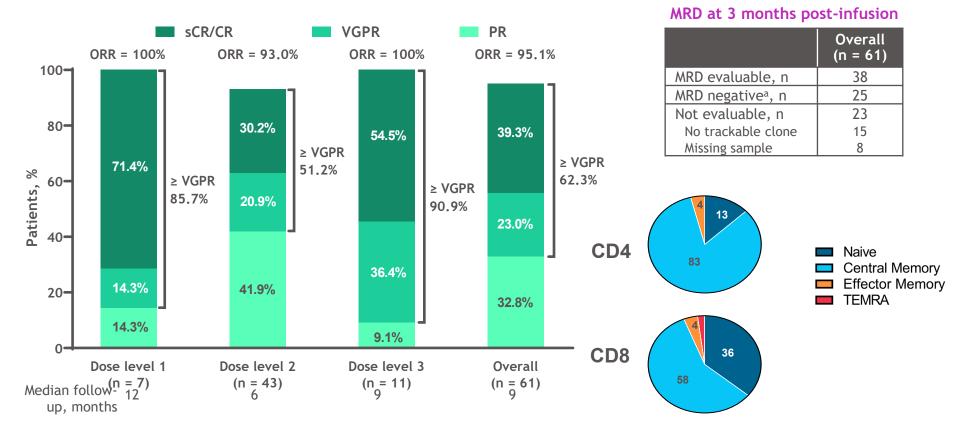
A shift toward Naive/Tscm phenotype Is observed following PHE885 treatment

A shift to Tscm/Tnaive population in both CD4 and CD8 T cells in the >VGPR group but not PD group

Phase 1 Trial of BCMA NEX-T CAR T cell therapy CC-98633/BMS-986354 in RRMM

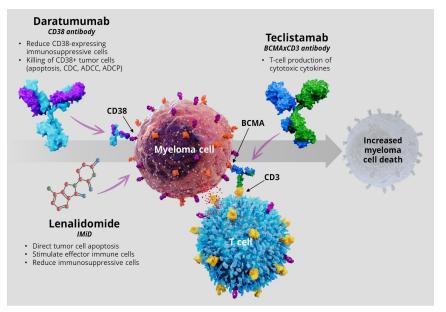


Best Overall Response and MRD



Teclistamab With SC Daratumumab and Lenalidomide in RRMM MajesTEC-2, Phase 1b, Multicohort Study

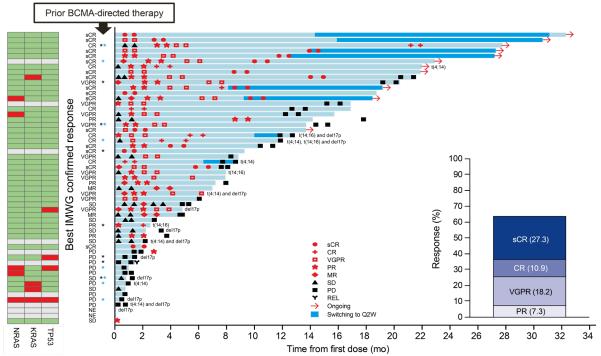
- Teclistamab BCMA×CD3 bispecific antibody FDA approved (ORR, 63%) for patients with ≥ 4 lines heavily pretreated RRMM
- Len stimulates CTL/NK cells, downregulates Tregs; Dara expands CTLs
- Tec/Len/Dara93.5% ORR, 54.8% CR; 90.3%
 <u>> VGPR</u> including Dara and/or Len refractory MM
- 25/31 (80.6%) patients remain progression-free on treatment
- Grade 3/4 AEs occurred in 29 (90.6%) patients, cytopenias and pneumonia most common, infectious deaths



Nooka A et al. ASCO 2022; Moreau P et al. NEJM 2022; 387:495: Searle et al ASH 2022



Elranatamab, a BCMA Targeted T-cell Engaging Bispecific Antibody, Induces Durable Clinical and Molecular Responses in RRMM



- Median duration of follow-up 12.0 months (range 0.3–32.3)
- ORR 64% (95% CI, 50–75) and CR/sCR rate 38% (21/55)
- 54% (7/13) of patients with prior BCMA-directed therapy achieved response
- For responders (N=35), median time to response was 36 days (range 7–262)

Raje et al, ASH 2022

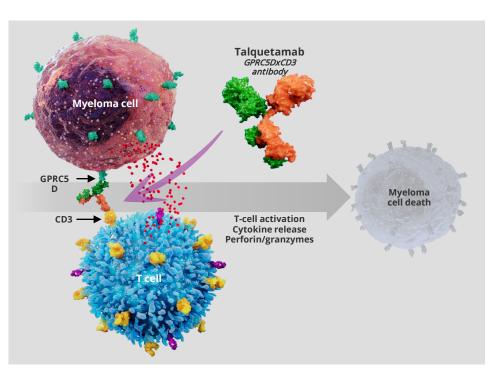
Response to Bites correlate with expansion of TCR+ MM CD8+ CTLs and decreased T cell exhaustion; conversely, loss of TCR+ CD8+ CTL and increased T cell exhaustion underlies relapse. Monitoring both disease response and immune profile can inform optimal dose and schedule.

Neri, Rabb et al IMW 2022

Talquetamab, a G Protein-Coupled Receptor Family C Group 5 Member D × CD3 Bispecific Antibody in RRMM: Phase 1/2 Results From MonumenTAL-1

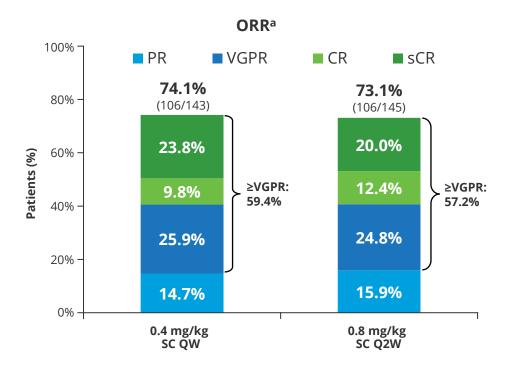
- Talquetamab is a novel first-in-class, off-the-shelf, T-cell redirecting bispecific antibody directed against a new antigen target called GPRC5D^{1,2}
- **GPRC5D is a novel antigen target in myeloma** that is highly expressed on malignant plasma cells with limited expression in normal human tissues,³⁻⁶ including hematopoietic stem cells⁷
- Talquetamab has shown an ORR of 64– 70% with QW and Q2W dosing in the phase 1 MonumenTAL-1 study (NCT03399799)⁸

AA7.3%, Asian 2.4% Drive Rank Score 0



Chari et al ASH 2022

MonumenTAL-1: Overall Response Rate



ORR similar for QW and Q2W schedules

- Triple-class refractory: 72.6% and 71.0%
- Penta-drug refractory: 71.4% and 70.6%

Most common AEs were CRS, skin and nail-related events, and dysgeusia

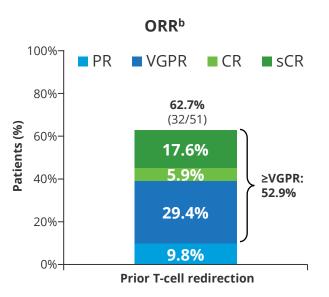
At 0.4 mg/kg QW and 0.8 mg/kg Q2W: Infections occurred in 57.3% and 50.3%

• Grade 3/4 in 16.8% and 11.7%

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Talquetamab ORR in Patients With Prior T-Cell Redirection

- Patients enrolled in cohort of prior T-cell redirection therapy:
 - Were younger and had a higher prevalence of highrisk cytogenetics
 - Median of 6 prior lines of therapy (range, 3–15)
 - 70.6% (n=36) received prior CAR-T cell therapy and 35.3% (n=18) prior bispecific antibody therapy; 3 patients received both
 - 7.8% (n=4) were refractory to belantamab
 - Most patients received QW (n=43) vs Q2W (n=8) talquetamab dosing
- ORR was 62.7%
 - 72.2% ORR (26/36) in patients with prior CAR-T therapy
 - 44.4% ORR (8/18) in patients with prior bispecific antibody treatment
- Median DOR was 12.7 months (range, 3.7–NE) at a median follow-up of 11.8 months (range, 1.0^a–25.4)



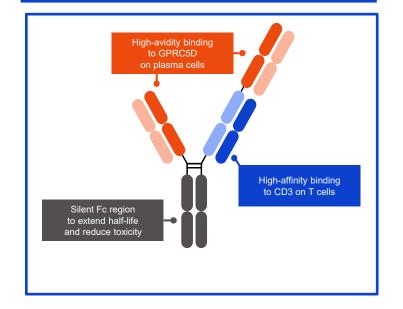
Chari et al ASH 2022

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Forimtamig (RG6234), a GPRC5DxCD3 T-cell-Engaging Bispecific Antibody in RRMM : Phase I Dose-Escalation Study

- Forimtamig is a GPRC5DxCD3 bispecific antibody with a novel 2:1 configuration
- AEs were consistent with the forimtamig MOA
- Step-up dosing mitigated the risk of severe CRS
 - low rates of Grade ≥3 CNS toxicity observed (IV: 2.0%; SC: 3.6%)
- Forimtamig was highly active in patients with RRMM
 - high response rate across all tested doses for both IV (ORR: 71.4%; ≥VGPR: 59.2%) and SC (ORR: 63.6%; ≥VGPR: 52.8%) dosing
 - durability for both IV (median DoR: 10.8) and SC (median DoR: 12.5 months) dosing
 - most ≥CR patients with an available BMA sample were MRD-negative (71.4%)

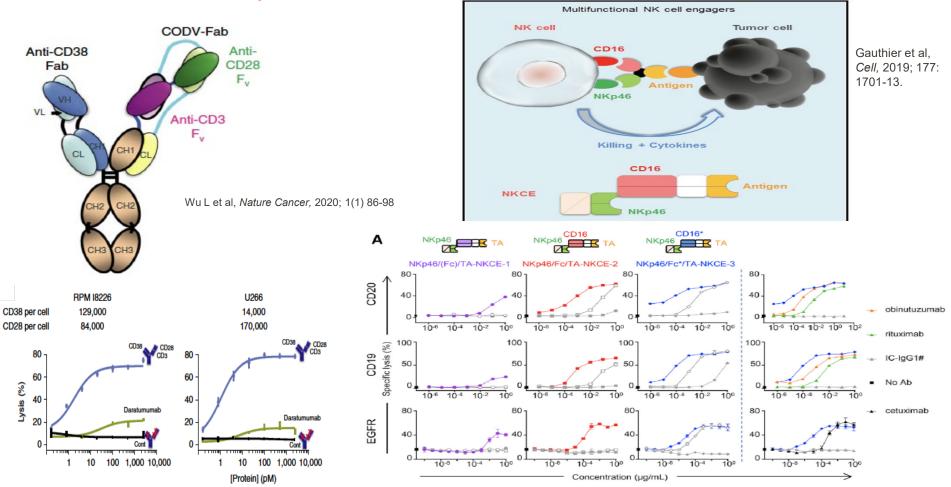
Forimtamig: 2:1 (GPRC5D:CD3) configuration for increased potency vs 1:1 configuration⁴



Carlo-Stella et al ASH 2022

CD38 x CD28 x CD3 Trispecific Ab

NK Trispecific Tumor Antigen x CD16 x p46NK



1980- Stem cell transplant 2000- Novel agents 2020- Immune therapies

In the future, Dara RVD will achieve high rates of response NDMM; ASCT will be Compared with CAR T cells and/or BiTEs to both achieve durable MRD- responses and restore memory anti-MM immunity, allowing patients to be disease free and off all therapy.

"Cure is Growing Old and Dying from Something Else"

Francesca Thompson, MD 1986

