



I “LINFOMI INDOLENTI”

Milano, Best Western Hotel Madison
26-27 gennaio 2026



M. Di Waldenstrom: il futuro

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ASST GOM Niguarda

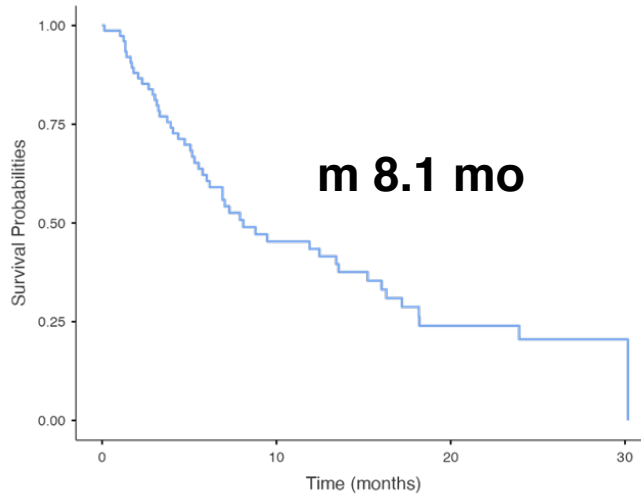


Disclosures of Name Surname

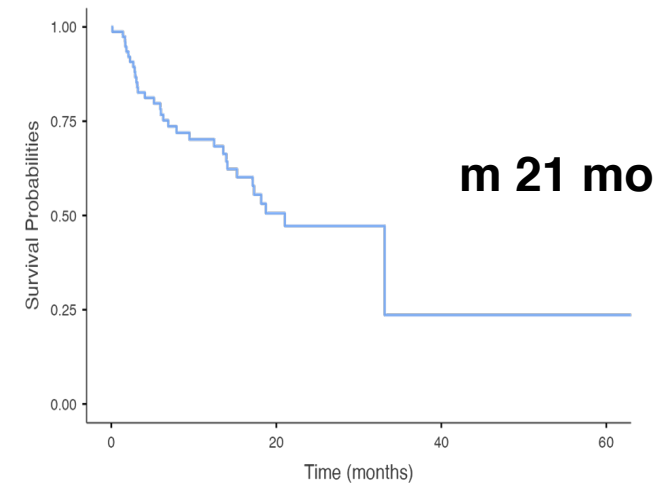
Company name	Research support	Employee	Consultant	Stockholder	Speakers bureau	Advisory board	Other
BeOne			X			X	X
Janssen			X			X	X
Abbvie			X			X	X
AstraZeneca			X			X	X

Outcomes of patients receiving a salvage treatment after cBTKi

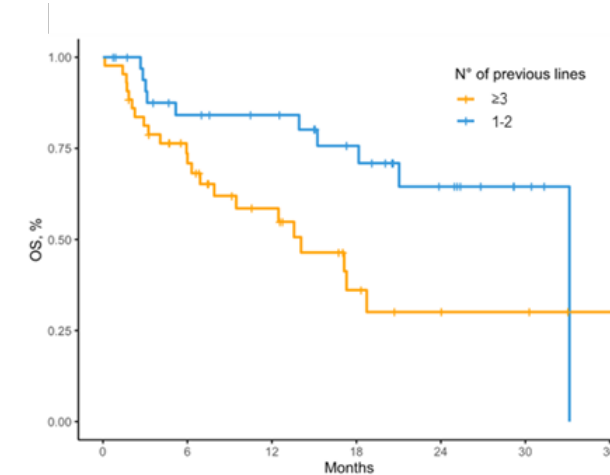
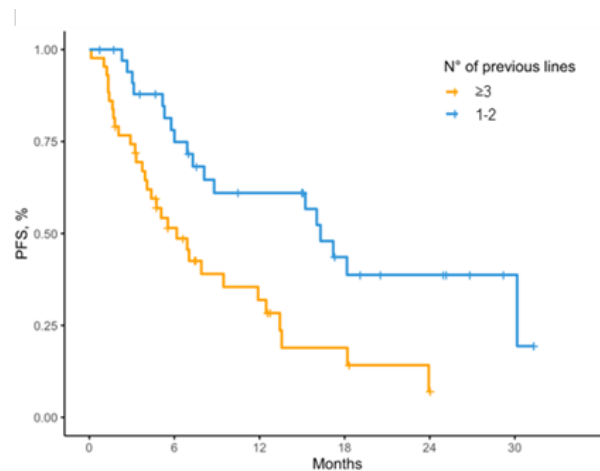
Progression free survival



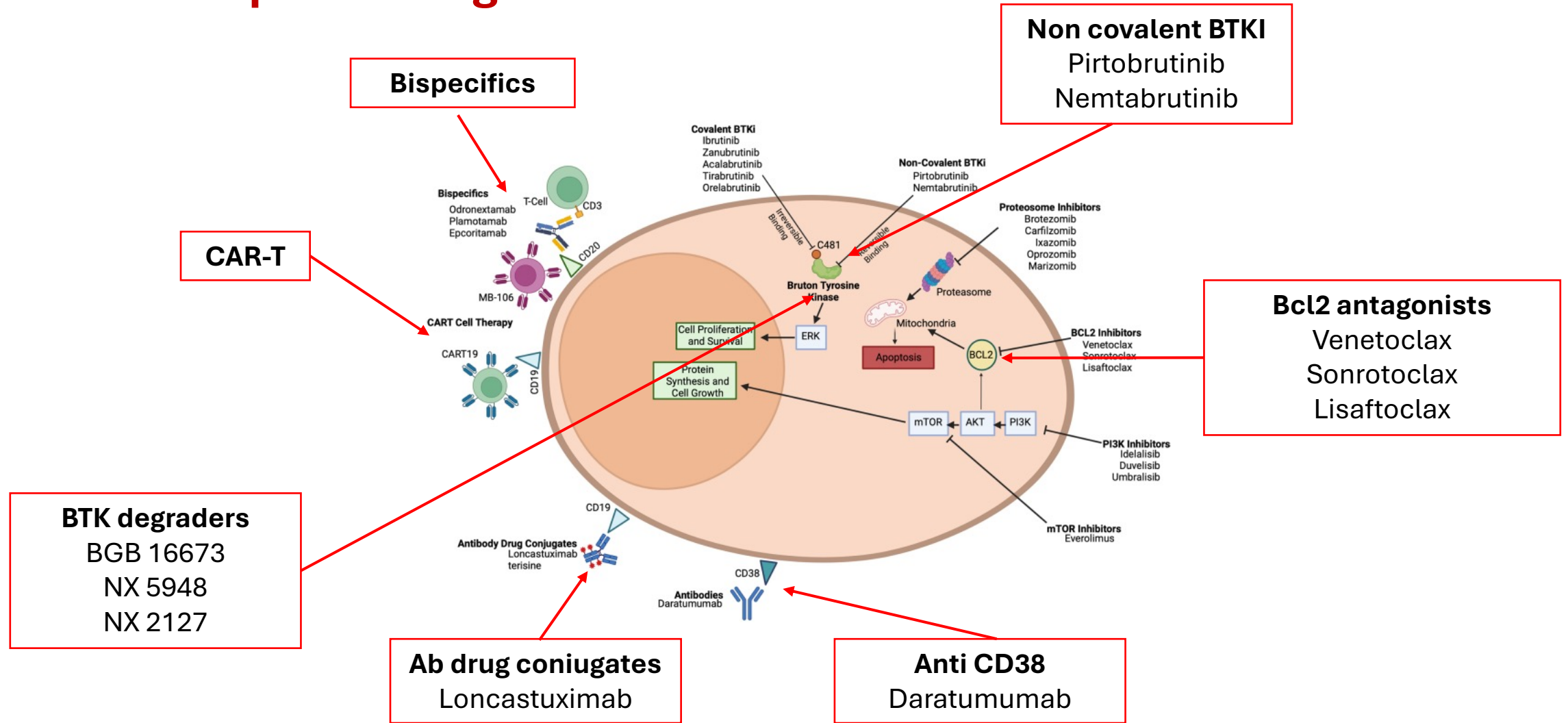
Overall survival



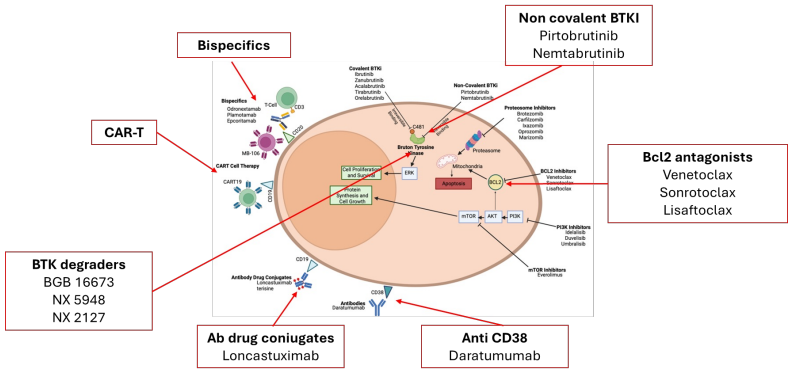
**According
to number of
lines
before
cBTKi**



Potential therapeutic targets in WM



EMA approved targets in iNHL



	FL	MCL	MZL	WM
CIT ¹	✓	✓	✓	✓
cBTKi ^{2,3}	Zanu	Ibru	Zanu	Zanu, Ibru
ncBTKi ⁴		Pirto		
Bispecifics ⁵	Epcor			
CAR-T ⁶	Tisa, Axi, Liso	Brexu		

In clinical practice CUP available for:

- Venetoclax
- pirtobrutinib

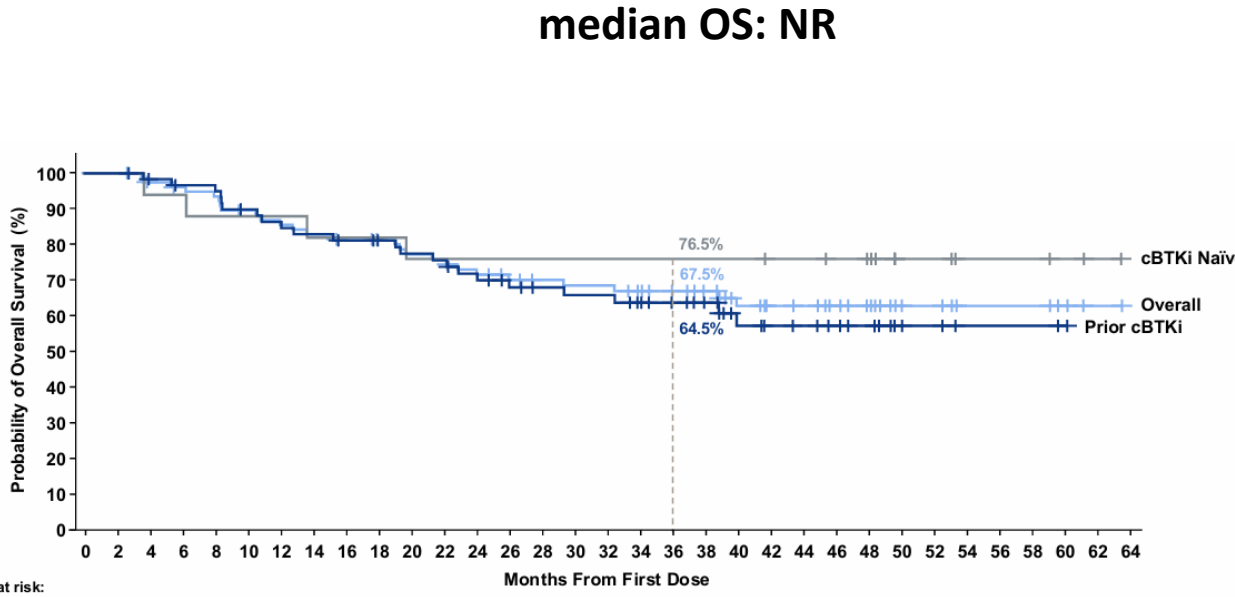
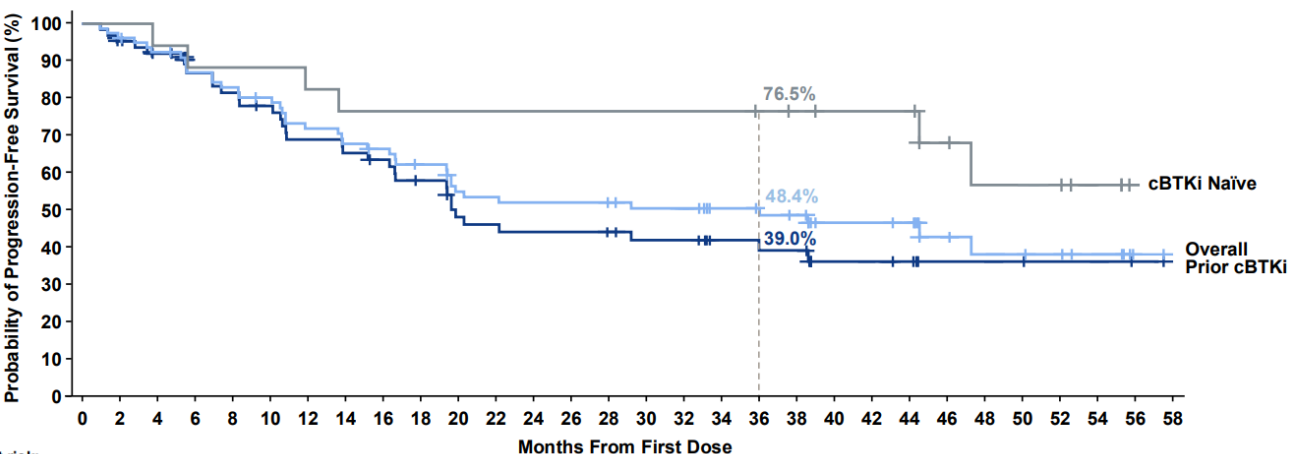
Pirtobrutinib in BTKi-exposed patients: survival

M FU 35 months
Prior BTKi 78%
Prior BTKi+ CIT 64%
m prior lines:3 in BTK-exposed

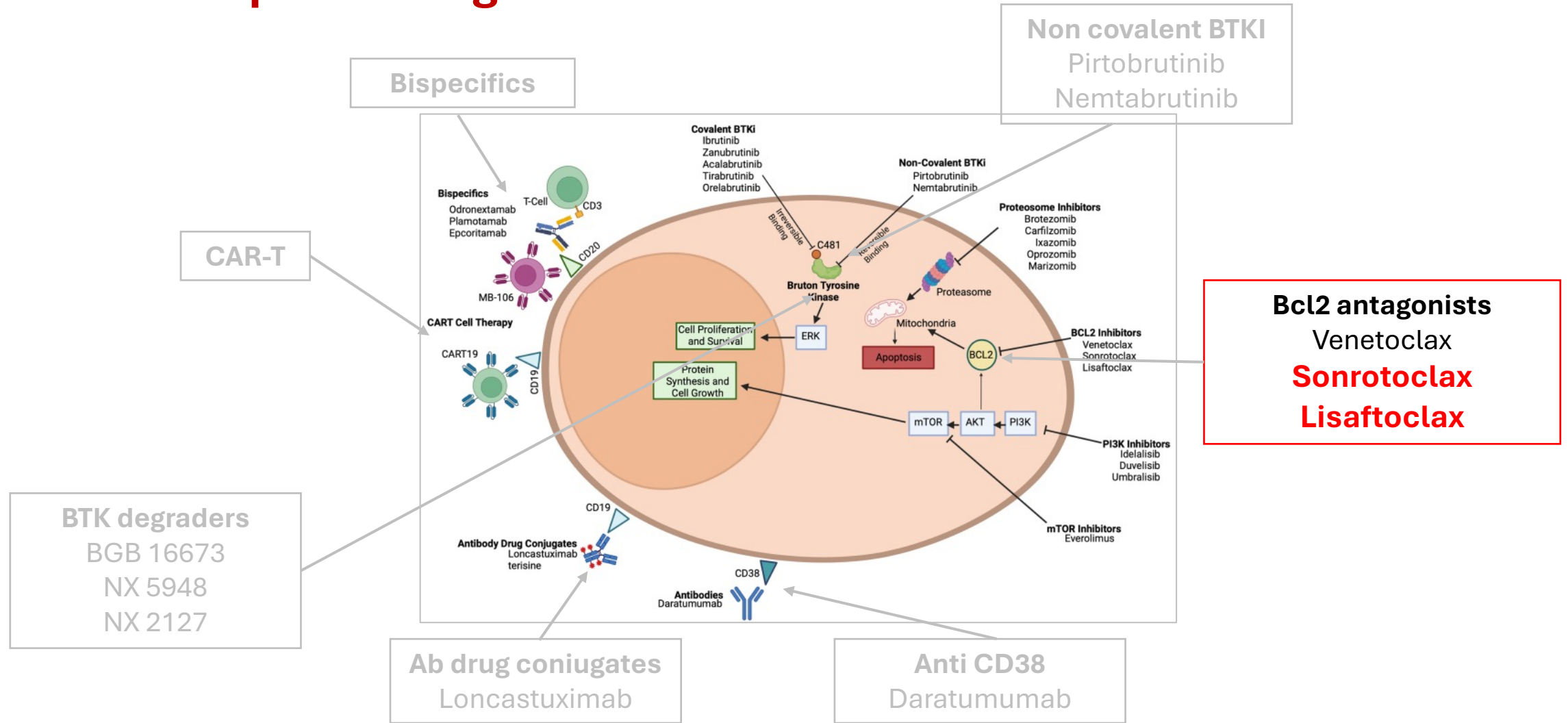
median PFS: 36 mo

19.6 in BTK-exp

NR in BTK-naïve

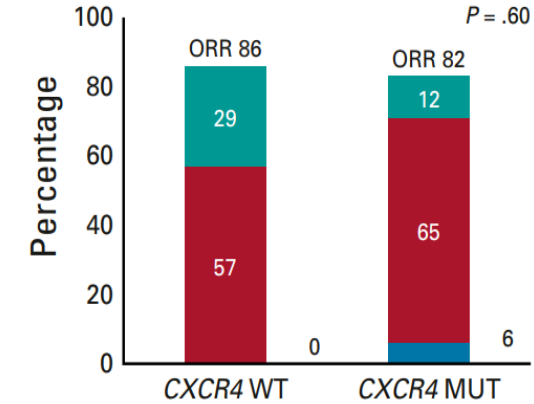
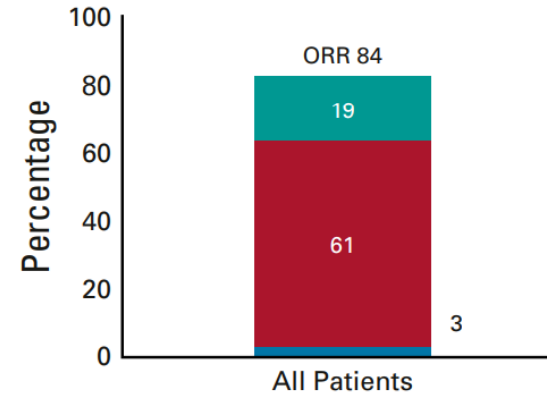


Potential therapeutic targets in WM

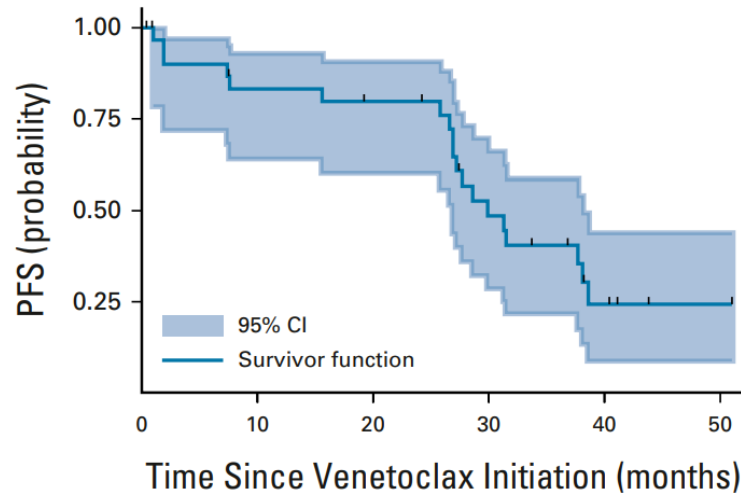


What next? Fixed-duration venetoclax monotherapy in R/R WM

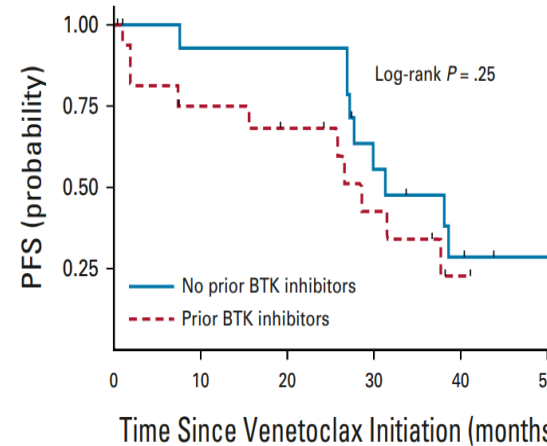
32 pts
Median prior Tx: 2(1-10)
Prior BTKi: 66%
MYD88^{mut}: 100%
CXCR4^{mut}: 53%



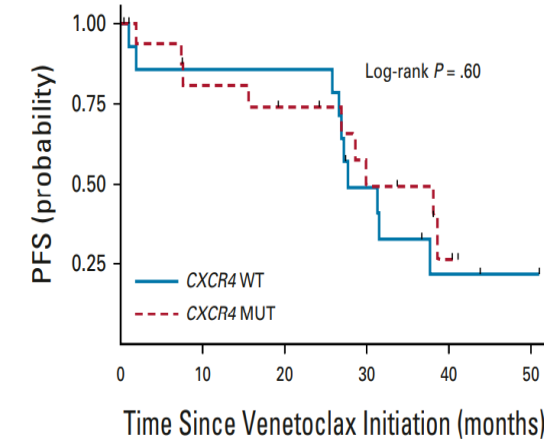
MR PR VGPR



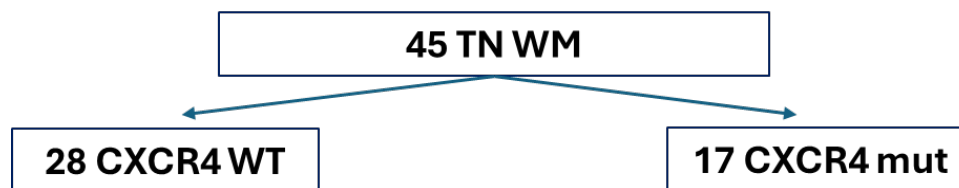
Accord to prior BTKi exp



Accord to CXCR4 status



Ibrutinib + venetoclax in TN WM

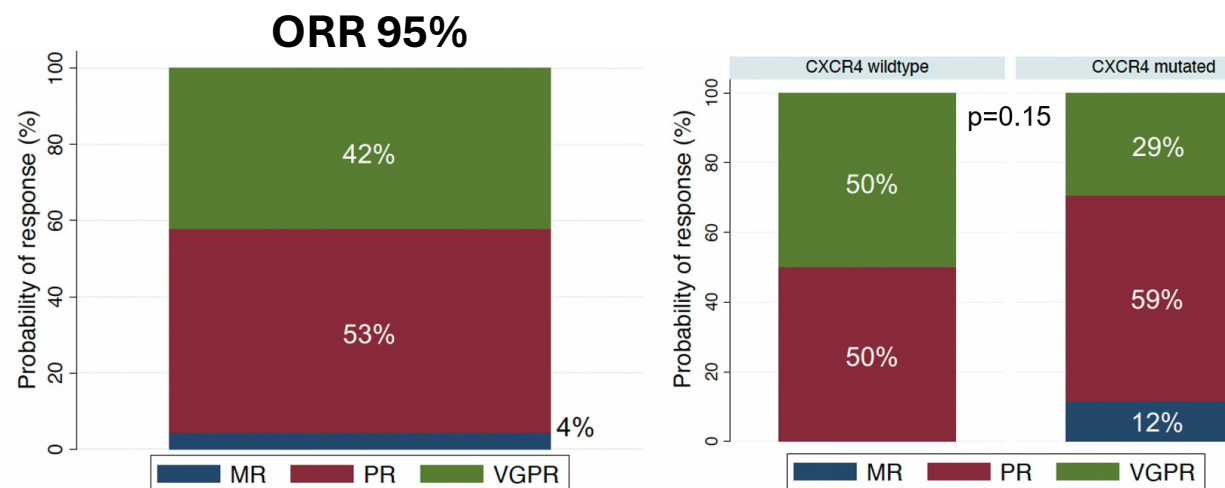


Safety

Adverse events	Grade 3	Grade 4	Grade 5	Total
Anemia	2			3
Atrial fibrillation	2	1		4
Diarrhea	1			9
Reflux				10
Mucositis	2			9
Nausea				5
Neutropenia	10	3		14
Hyperphosphatemia				8
Muscle/joint pain	2			16
Skin rash				6
Ventricular arrhythmia		1	2	4
Laboratory TLS	2			2

Efficacy

Median tx exposure 11 months

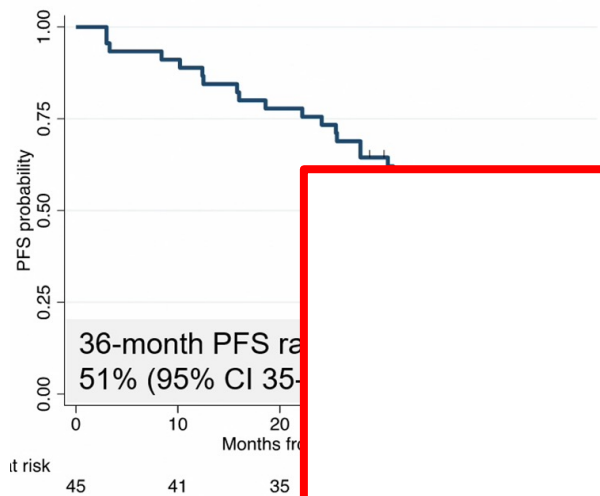


CXCR4 mut vs WT

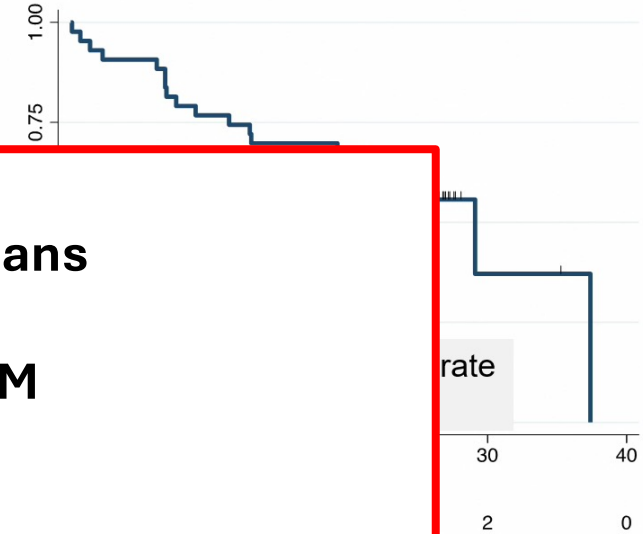
- No differences in Hb response
- Lower IgM reduction

Ibrutinib + venetoclax in TN WM

PFS

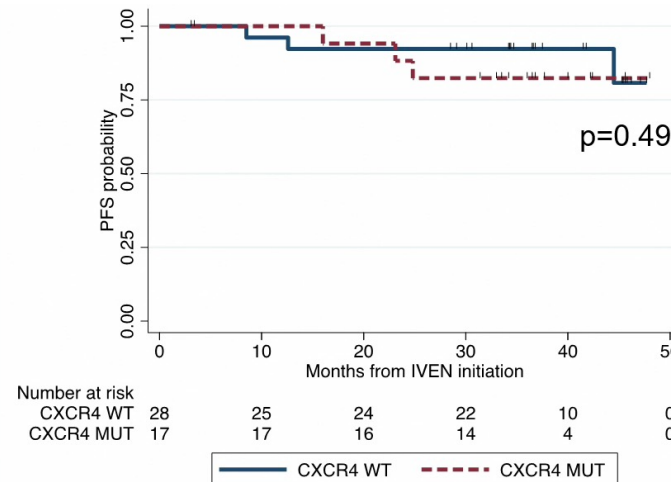
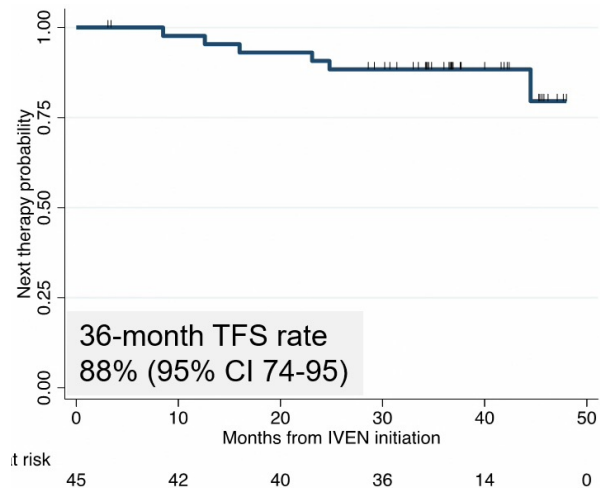


PFS from the end of treatment



➤ Ventricular events in 10% of participants

➤ I+V cannot be recommended in WM



PFS from the end of treatment independent from:

- CXCR4 status
- VGPR vs PR
- <12 mo vs >12 mo of treatment

Fixed-duration venetoclax pirtobrutinib in R/R WM

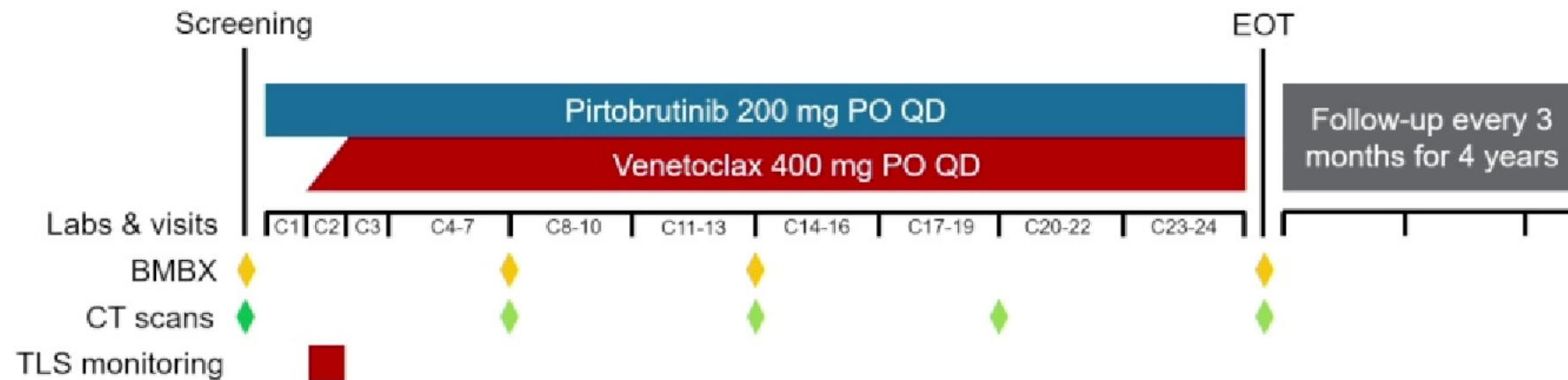
Treatment schema

18+ years
Diagnosis and need for treatment per IWWM2
MYD88 L265P present
1+ previous therapy

18+ years
Diagnosis and need for treatment per IWWM2
MYD88 L265P present
1+ previous therapy

CNS involvement
Pregnancy
Active HIV, HBV, HCV infection
Previous non-covalent BTK inhibitor

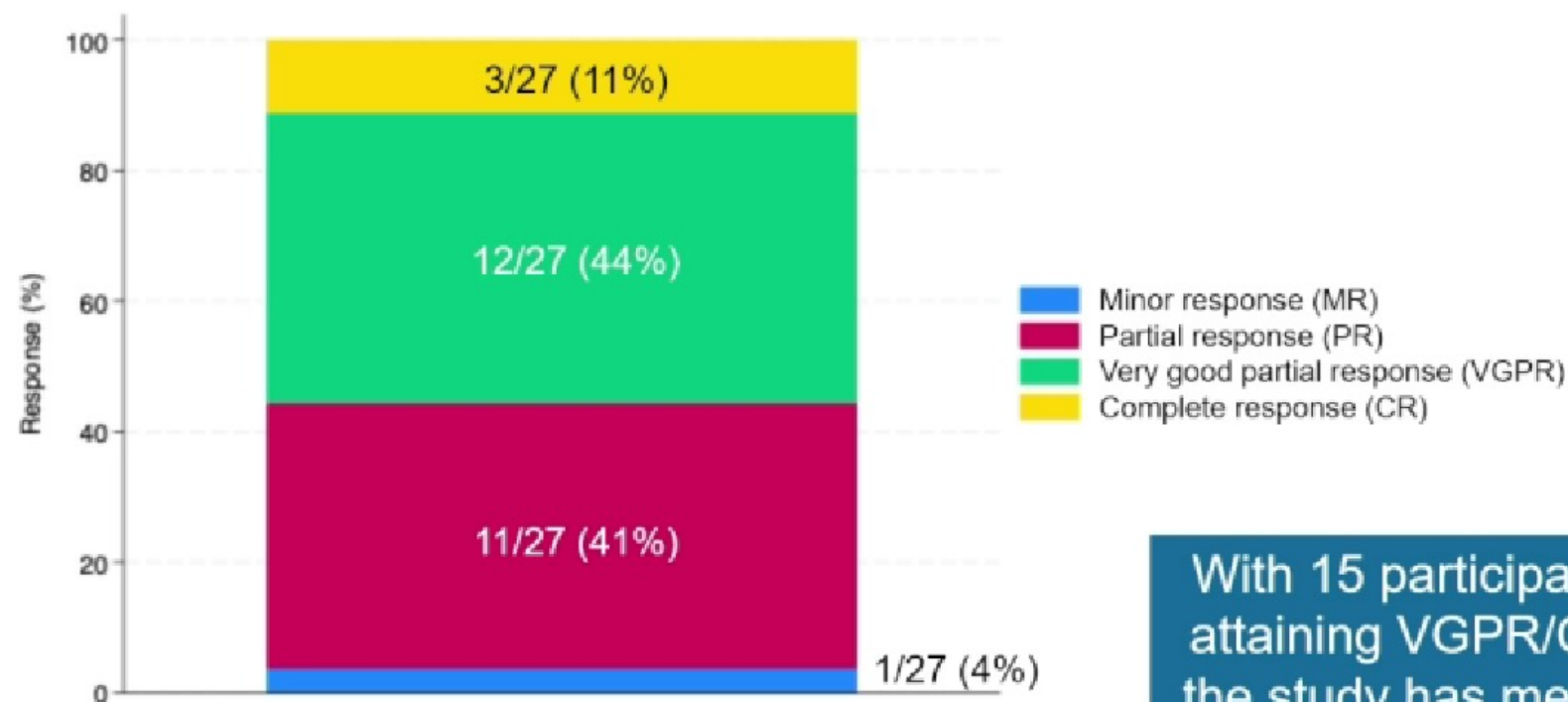
CNS involvement
Pregnancy
Active HIV, HBV, HCV infection
Previous non-covalent BTK inhibitor



Fixed-duration venetoclax pirtobrutinib in R/R WM

Response to therapy

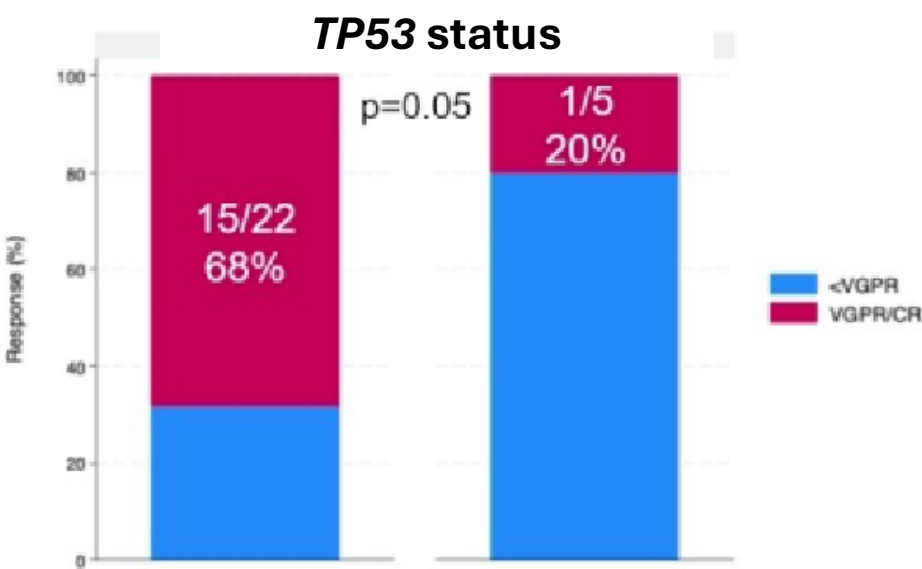
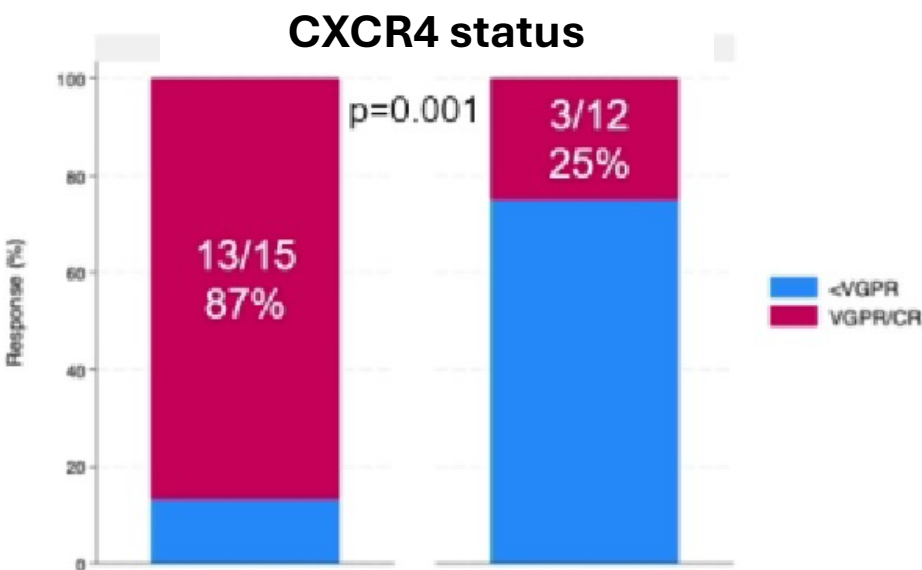
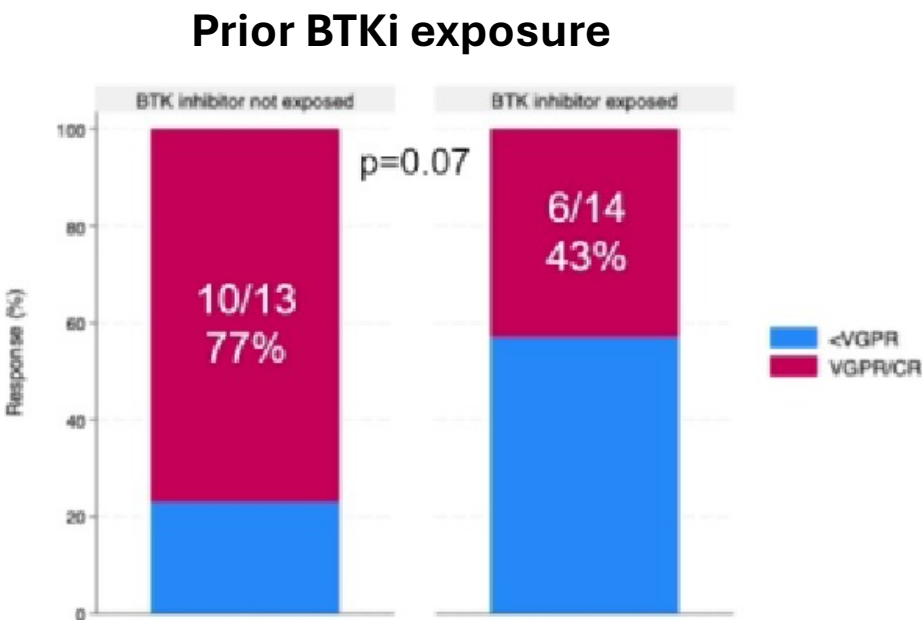
Median follow-up
11 months (95% CI 8-18)



With 15 participants
attaining VGPR/CR,
the study has met its
endpoint

Fixed-duration venetoclax pirtobrutinib in R/R WM

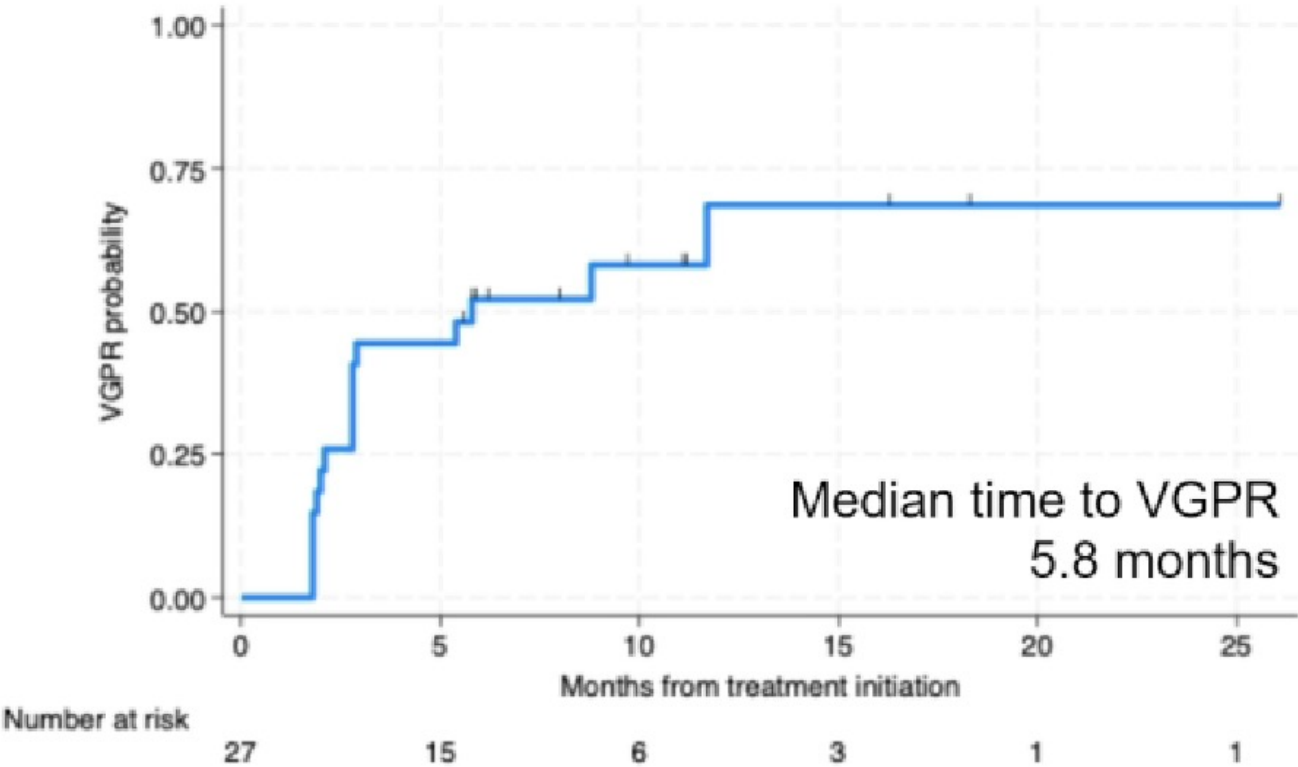
Response to therapy



Fixed-duration venetoclax pirtobrutinib in R/R WM

Time to VGPR

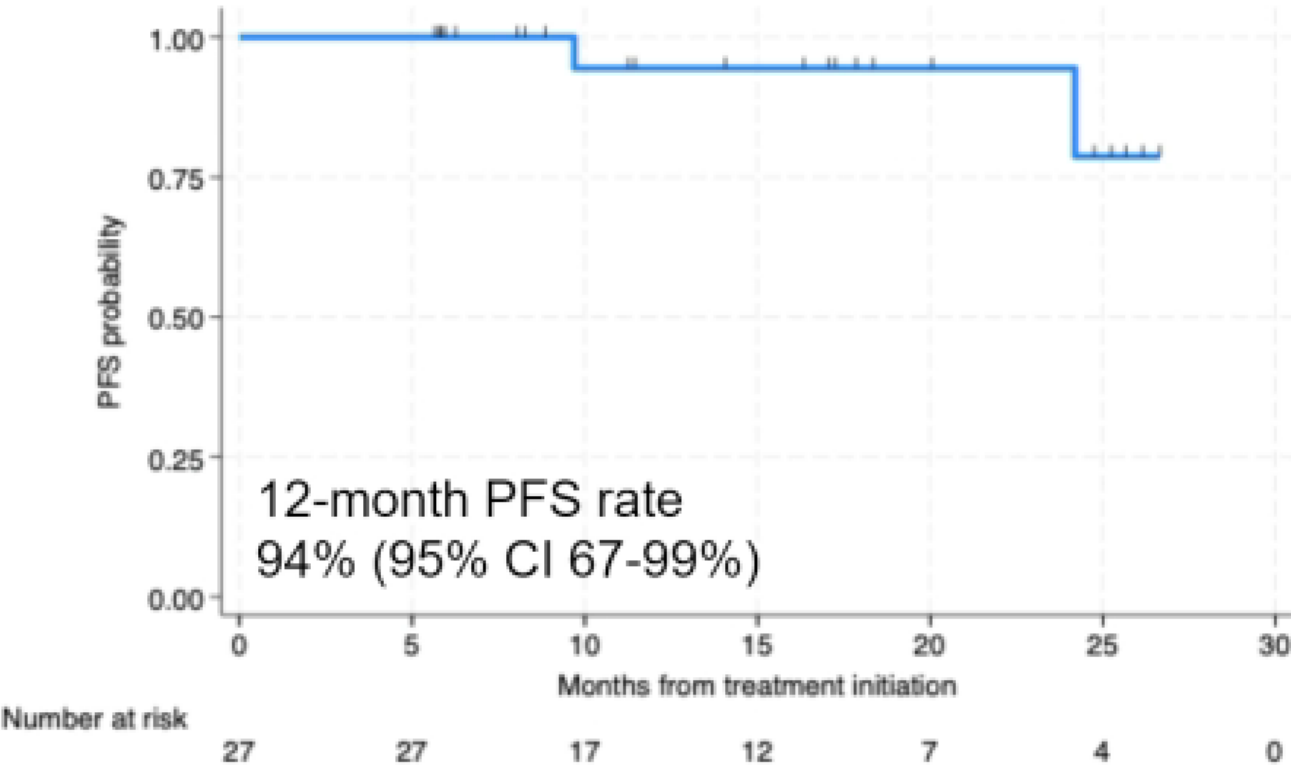
Median follow-up
11 months (95% CI 8-18)



Fixed-duration venetoclax pirtobrutinib in R/R WM

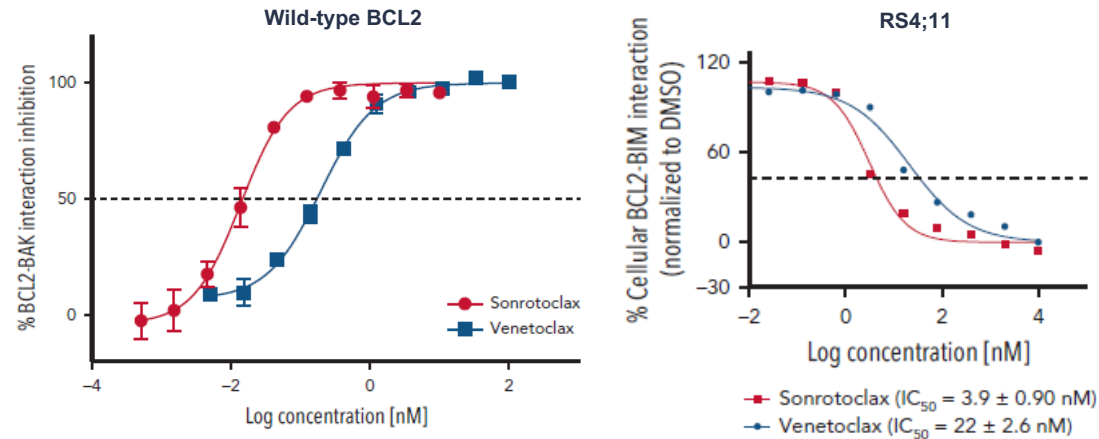
Progression-free survival

Median follow-up
11 months (95% CI 8-18)

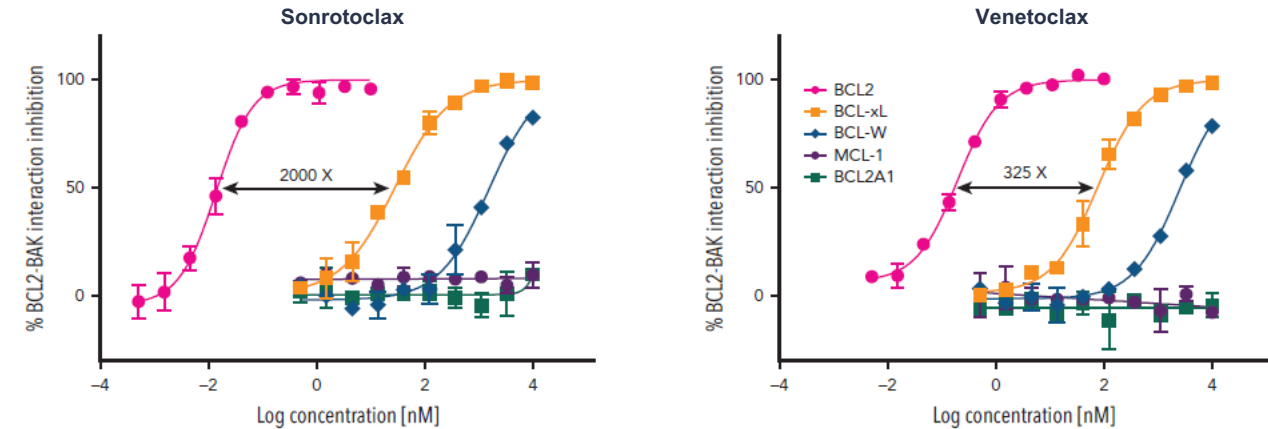


Next generation Bcl2 inhibitor sonrotoclax in R/R WM

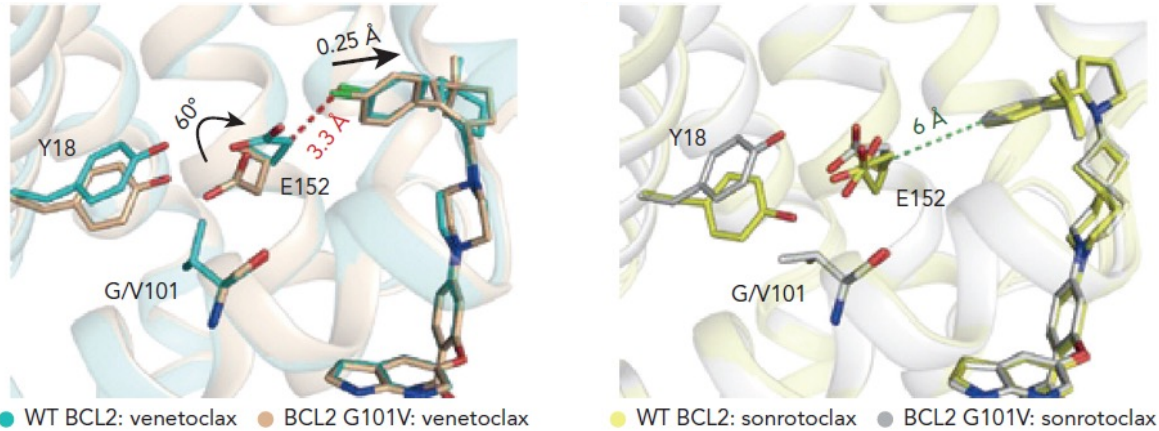
Increased potency



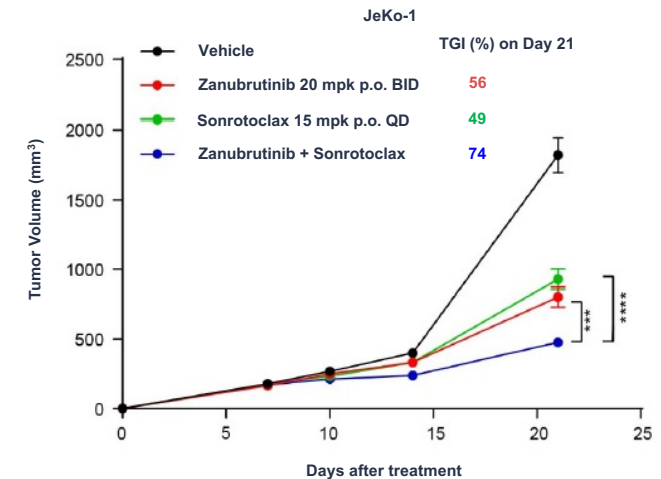
Increased selectivity toward BCL-xL



Sonrotoclax maintains high potency against the BCL2 G101V mutant



Increased activity of sonrotoclax + zanubrutinib than either single agent



BCL2A1, B-cell lymphoma-2-related protein A1; BCL2i, B-cell lymphoma-2 inhibitor; BCL-w, B-cell lymphoma-w; BCL-xL, B-cell lymphoma-L-extra large; BID, twice daily; MCL-1, myeloid cell leukemia-1; QD, once daily; TGI, total growth inhibition; WT, wild type. Adapted from Liu J et al. Blood. 2024;143(18):1825-1836.

Sonrotoclax in R/R NHL and CLL

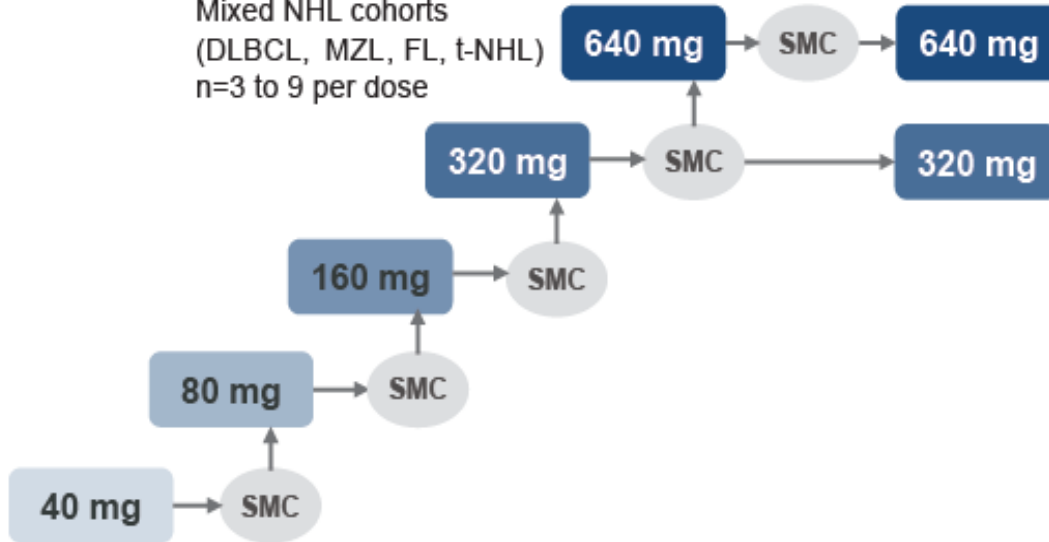
Sonrotoclax monotherapy



NHL Cohorts

Dose Escalation^a

Mixed NHL cohorts
(DLBCL, MZL, FL, t-NHL)
n=3 to 9 per dose



Dose Expansion

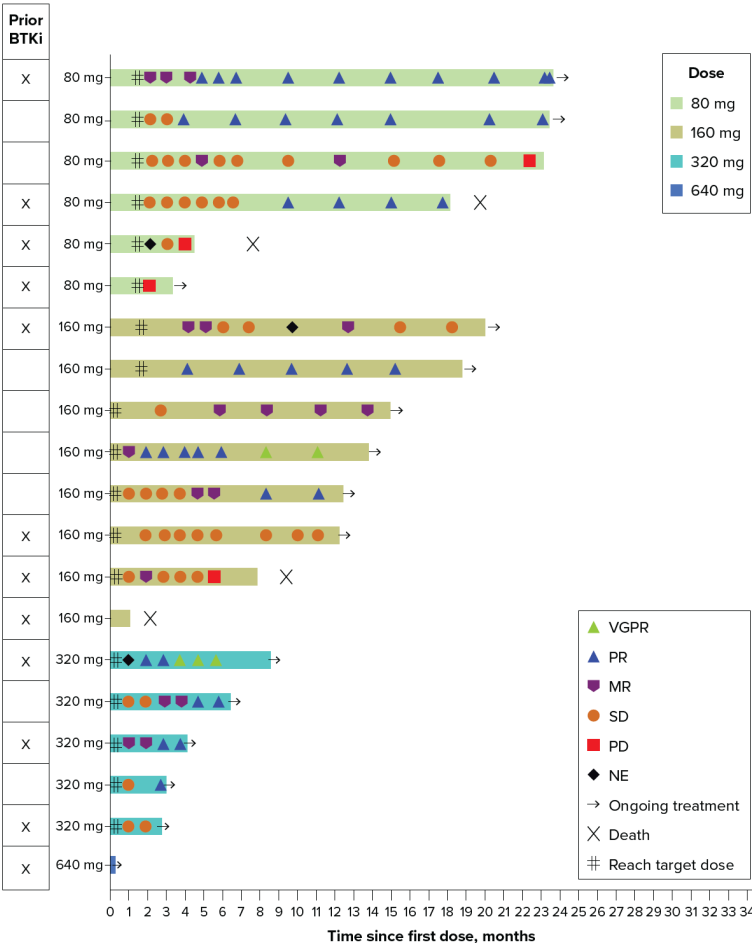
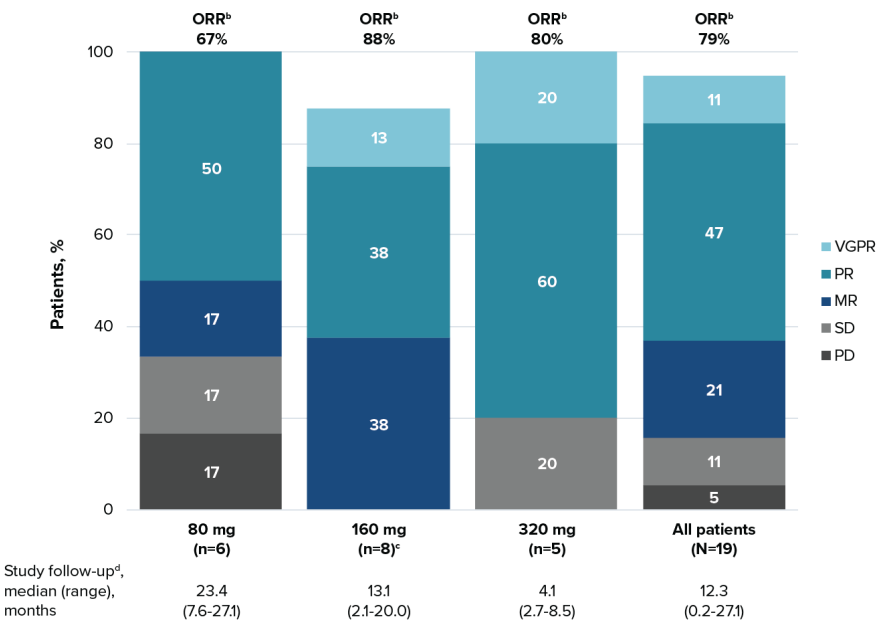
Mixed indolent NHL cohorts
(MZL, FL)
n=10 to 15 per dose

Sonrotoclax in WM cohort: efficacy

Dose levels: 80 mg → 640 mg
20 WM → 14 (70%) on treatment at last data cut-off

20 WM (mFU 12.3 months)

- Median age: 68.5 yrs
- No. prior lines: 2.5
- Prior BTKi: 60%
- Prior BTKi as last therapy: 45%



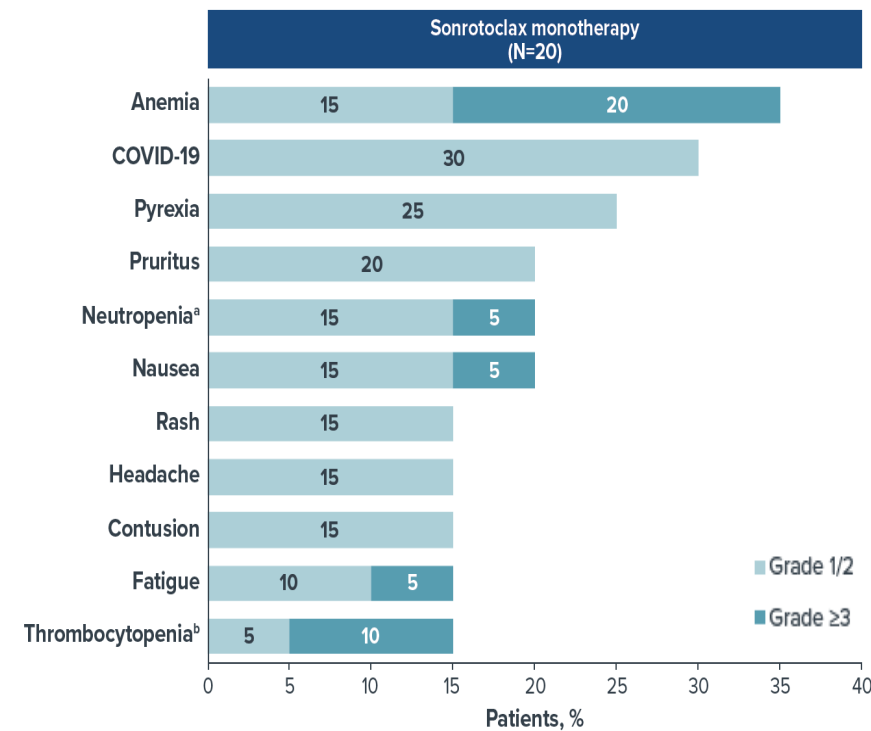
Sonrotoclax in WM cohort: safety

	WM ² (N=20)
Any grade TEAE	95%
Grade ≥3	35%
Serious AEs	30%
Leading to death	10%
Leading to discontinuation	10%
Leading to dose interruption	25%
Leading to dose reduction	0

- No MTD reached
- No clinical TLS reported

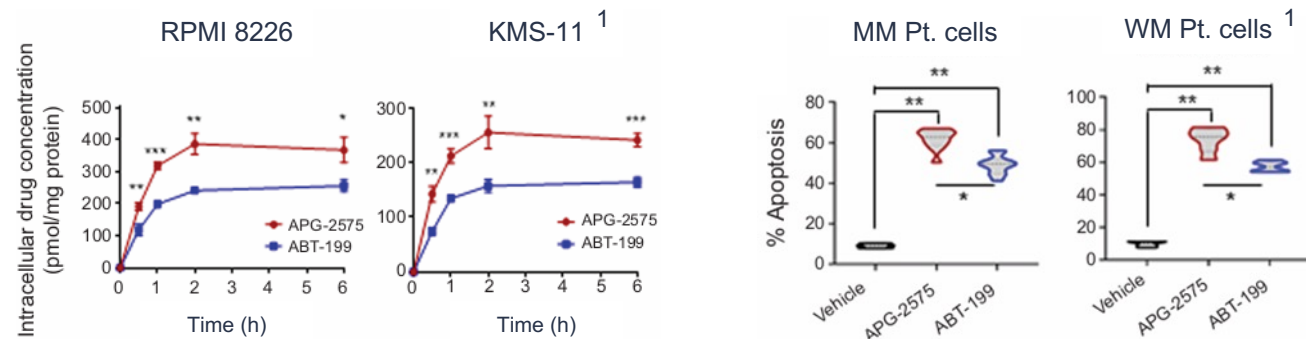
Grade 1-2
vs
Grade 3-4
AEs

(WM)²



Lisaftoclax (APG-2575), a novel BCL-2 inhibitor in B-cell malignancies

Lisaftoclax vs venetoclax

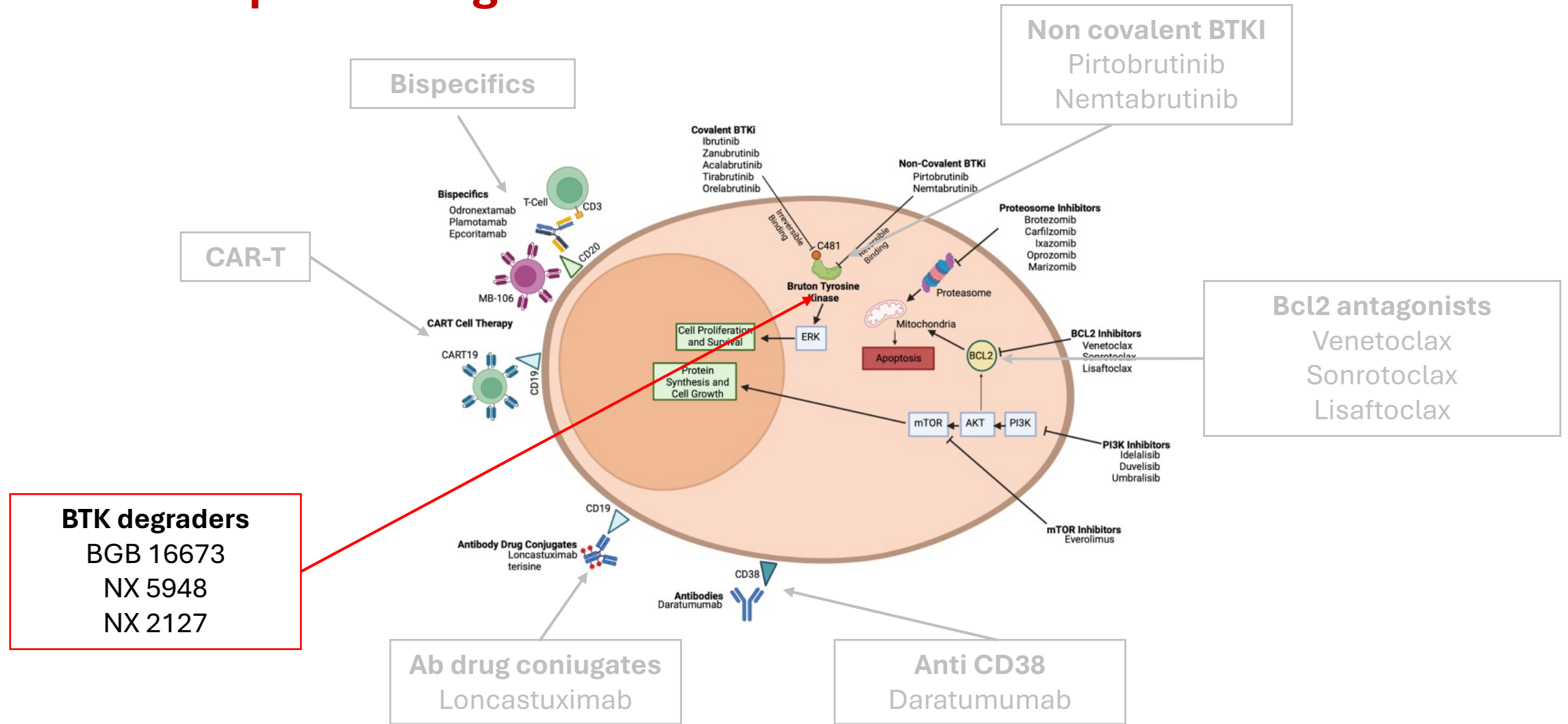


	Any grade (≥15%)	Grade 3/4
Adverse event, <i>n</i> (%)		
Diarrhea	25 (48.1)	1 (1.9)
Fatigue	18 (34.6)	1 (1.9)
Nausea	16 (30.8)	2 (3.8)
Anemia	15 (28.8)	5 (9.6)
Thrombocytopenia	15 (28.8)	7 (13.5)
Neutropenia	14 (26.9)	11 (21.2)
Constipation	13 (25.0)	1 (1.9)
Vomiting	12 (23.1)	—
Headache	11 (21.2)	2 (3.8)
Peripheral edema	9 (17.3)	2 (3.8)
Hypokalemia	9 (17.3)	1 (1.9)
Arthralgia	8 (15.4)	—

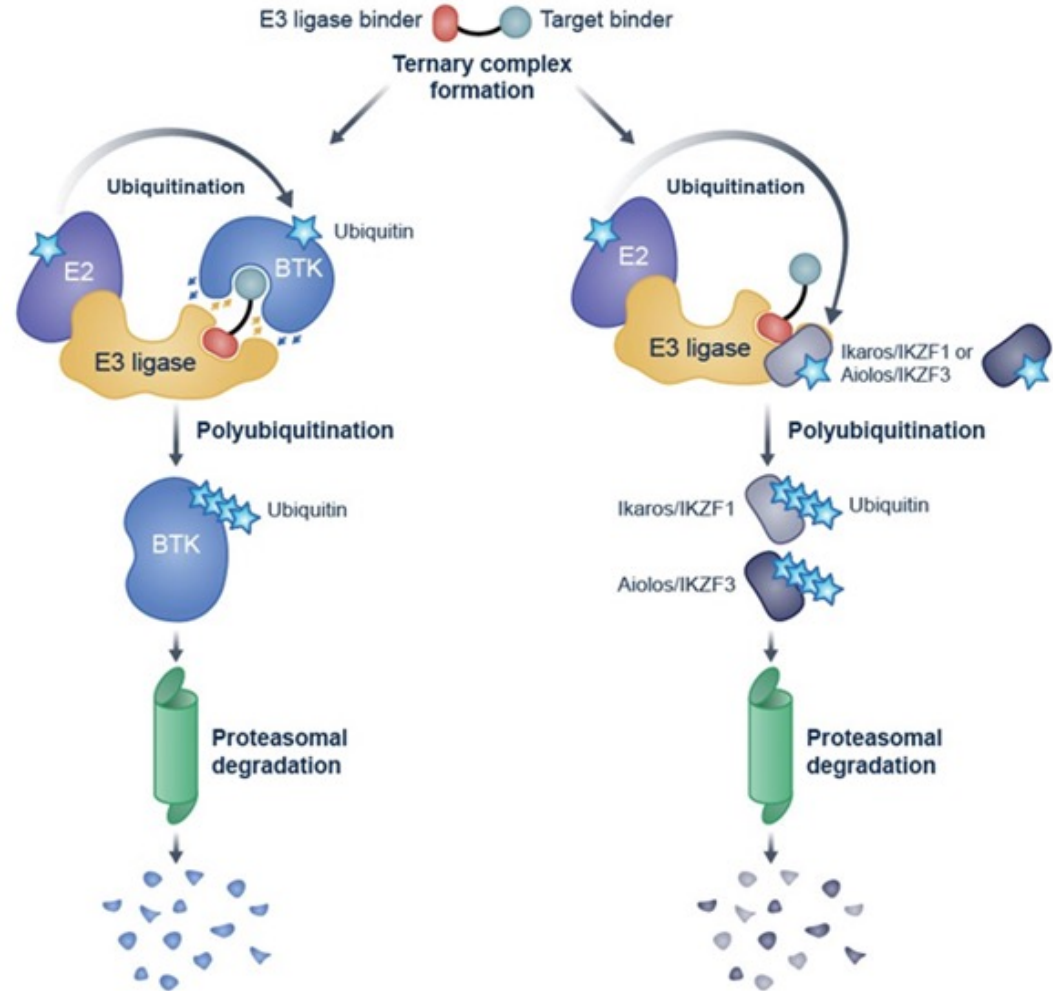
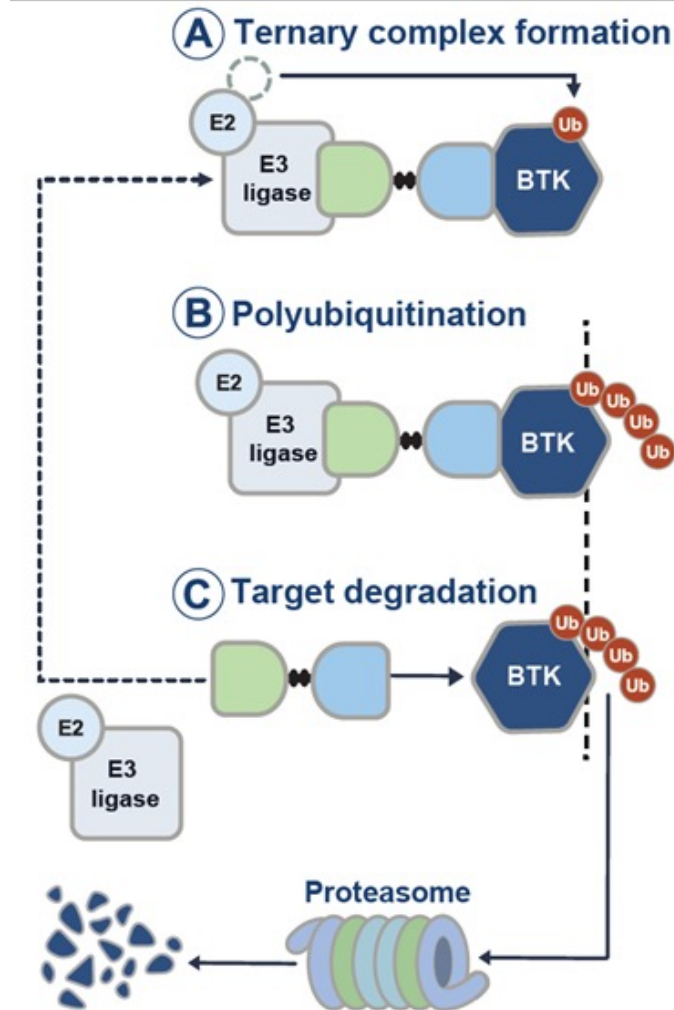
- Higher C_{max} and lower systemic exposure compared to venetoclax²
- Daily ramp-up²
- No TLS reported²
- While effective in CLL, on preliminary data **no major responses in NHL cohort** (7 SD; 1 minor response)²

BCL-2, B-cell lymphoma-2; CLL, chronic lymphocytic leukemia; C_{max}, maximum plasma concentration; h, hours; KMS, Kawasaki Medical School; MM, multiple myeloma; NHL, non-Hodgkin lymphoma; Pt, patient; RPMI, Roswell Park Memorial Institute; SD, stable disease; TLS, tumor lysis syndrome; WM, Waldenström macroglobulinemia. Adapted from 1) Deng J et al. Clin Cancer Res. 2022;28(24):5455-5468; 2) Ailawadhi S et al. Clin Cancer Res. 2023;29(13):2385-2393.

Potential therapeutic targets in WM



BTK degradation



BGB16673-101 in WM

Baseline Patient Characteristics

Heavily pretreated with high rate of poor risk features

	Total (N=36)
Age, median (range), years	72.0 (49-81)
Male, n (%)	22 (61.1)
ECOG PS, n (%)	
0	17 (47.2)
1	17 (47.2)
2	2 (5.6)
Hemoglobin, median (range), g/L	102 (60-146)
Hemoglobin ≤ 110 g/L, n/N with known status (%)	25/34 (73.5)
Neutrophils, median (range), $10^9/L$	2.6 (0.2-7.4)
Neutrophils $\leq 1.5 \times 10^9/L$, n/N with known status (%)	11/33 (33.3)
Platelets, median (range), $10^9/L$	153.5 (14.0-455.0)
IgM, median (range), g/L	35.1 (0.3-92.6)

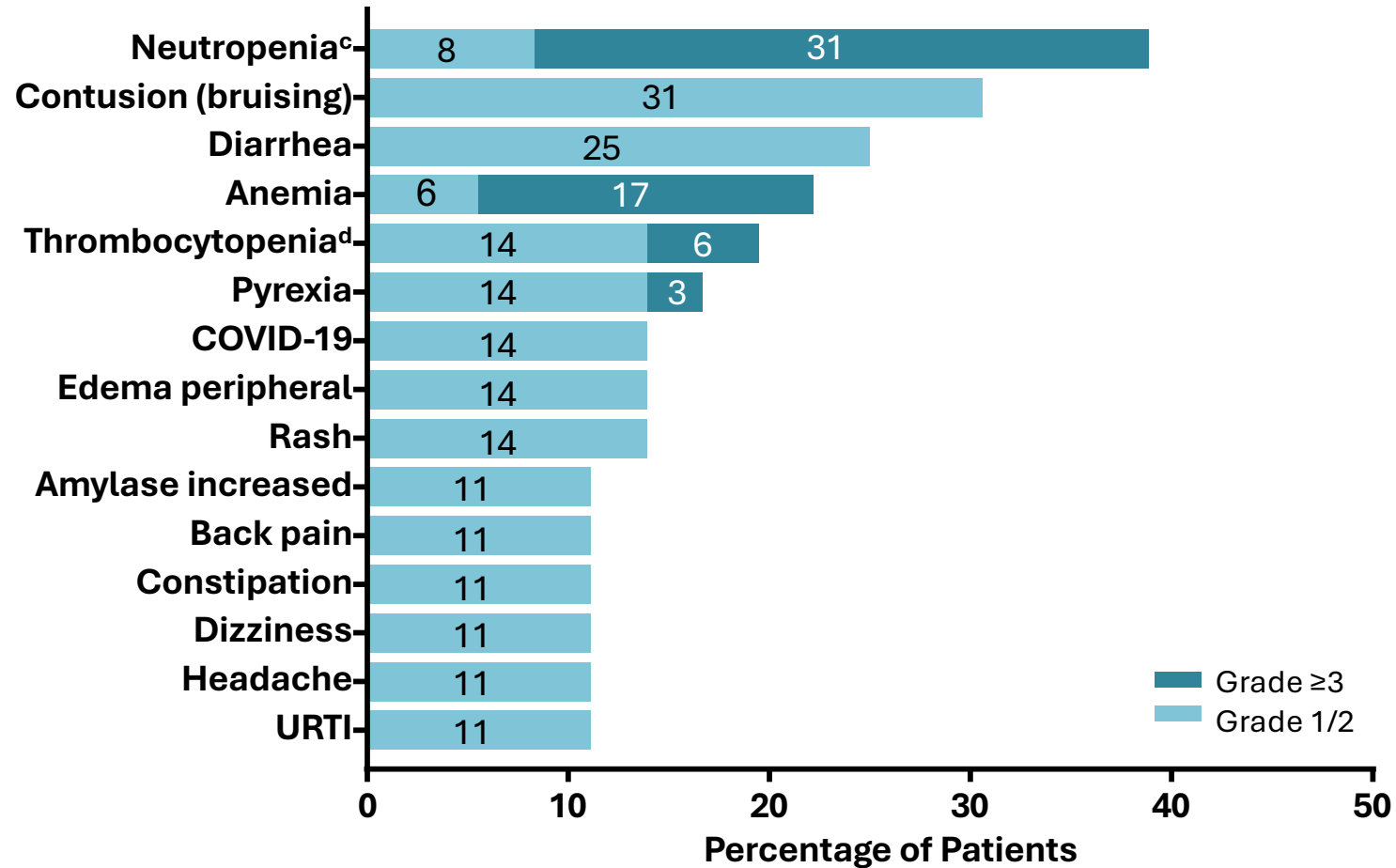
	Total (N=36)
Mutation status, n/N with known status (%) ^a	
<i>MYD88</i> mutation present	31/35 (88.6)
<i>CXCR4</i> mutation present	19/35 (54.3)
<i>BTK</i> mutation present	11/31 (35.5)
<i>TP53</i> mutation present	16/31 (51.6)
No. of prior lines of therapy, median (range)	3 (1-11)
Prior therapy, n (%)	
cBTK inhibitor	36 (100)
Anti-CD20 antibody	36 (100)
Chemotherapy	34 (94.4)
Proteasome inhibitor	11 (30.6)
BCL2 inhibitor	9 (25.0)
ncBTK inhibitor ^b	7 (19.4)
Discontinued prior BTK inhibitor due to PD, n (%)	30 (83.3)

Safety Summary and All-Grade TEAEs in ≥10% of All Patients

Well tolerated with no treatment-related TEAEs leading to death

- Most common TEAEs were neutropenia in 39% and contusion (bruising) in 31% of patients
- No atrial fibrillation, major hemorrhage^a, febrile neutropenia, or pancreatitis

Patients, n (%)	Total (N=36)
Any TEAE	32 (88.9)
Any treatment-related	25 (69.4)
Grade ≥3	22 (61.1)
Treatment-related grade ≥3	14 (38.9)
Serious	12 (33.3)
Treatment-related serious	4 (11.1)
Leading to death ^b	1 (2.8)
Treatment-related leading to death	0
Leading to treatment discontinuation	2 (5.6)



Data cutoff: March 3, 2025. Median follow-up: 8.2 months (range, 0.6-30.6 months).

^aGrade ≥3, serious, or any central nervous system bleeding. ^bSeptic shock (200-mg dose level), note in the context of PD. ^cNeutropenia combines preferred terms *neutrophil count decreased* and *neutropenia*. ^dThrombocytopenia combines preferred terms *platelet count decreased* and *thrombocytopenia*.

IgM, immunoglobulin M; PD, progressive disease; PR, partial response; TEAE, treatment-emergent adverse event; URTI, upper respiratory tract infection.

Overall Response Rate

High response rates across all risk groups

- Responses were observed at all dose levels and in patients with prior chemoimmunotherapy (25/30), cBTK inhibitor (27/32), or ncBTK inhibitor (4/4)

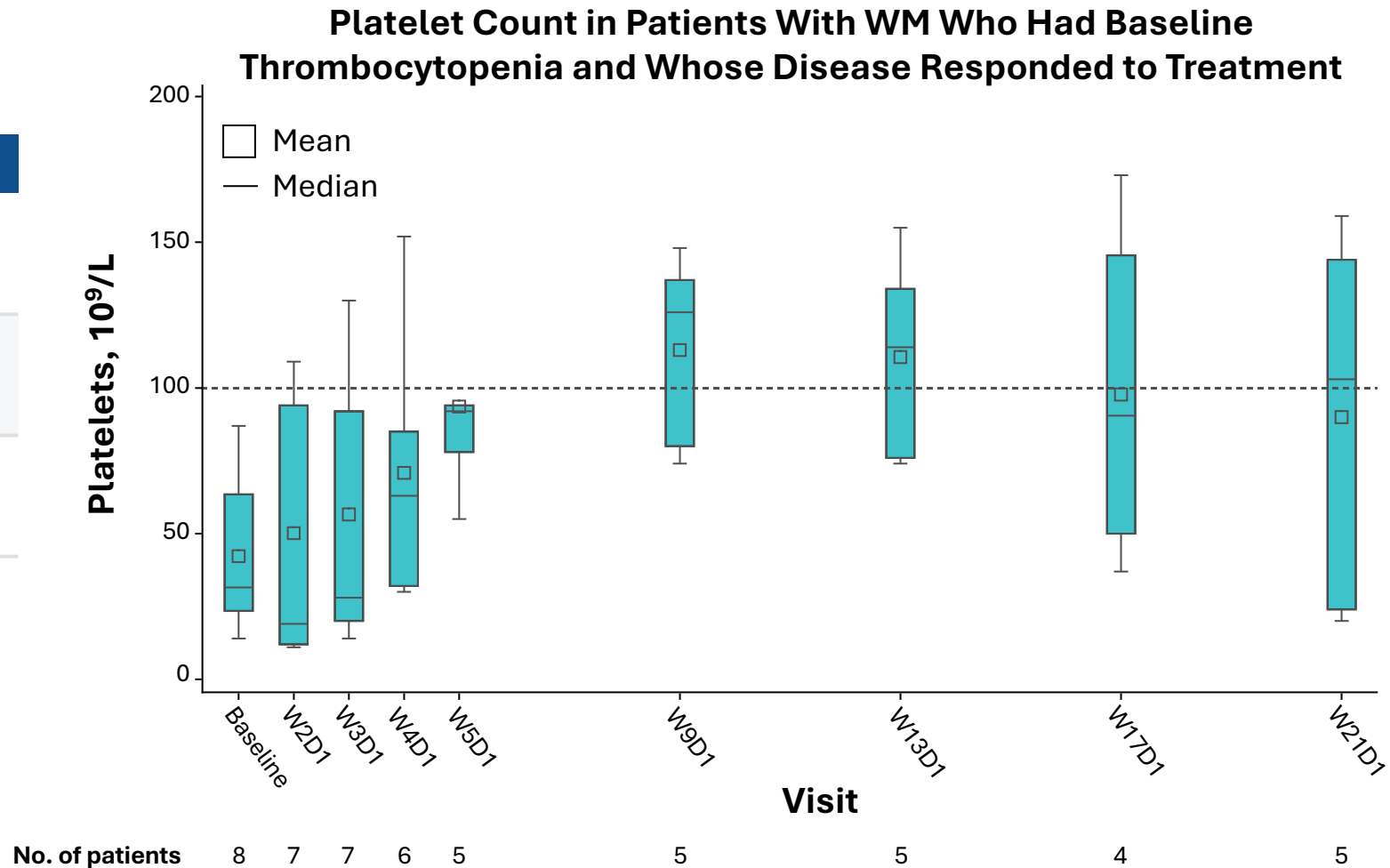
	Total (N=32) ^a
Best overall response, n (%)	
VGPR	10 (31.3)
PR	14 (43.8)
MR	3 (9.4)
SD	3 (9.4)
PD	1 (3.1)
Discontinued prior to first assessment	1 (3.1)
ORR, n (%)^b	27 (84.4)
Major response rate, n (%)^c	24 (75.0)
Time to first response, median (range), months^d	1.0 (0.9-3.7)

Mutation status, n/N tested (%)	ORR (N=32) ^a
<i>BTK</i>	
Mutated	11/11 (100)
Unmutated	15/19 (78.9)
Unknown	1/2 (50.0)
<i>MYD88</i>	
Mutated	25/28 (89.3)
Unmutated	2/3 (66.7)
Unknown	0/1 (0)
<i>CXCR4</i>	
Mutated	16/17 (94.1)
Unmutated	11/14 (78.6)
Unknown	0/1 (0)
<i>TP53</i>	
Mutated	15/15 (100)
Unmutated	11/15 (73.3)
Unknown	1/2 (50.0)

^aEfficacy-evaluable population; 4 patients were too early in treatment course to be response-evaluable. ^bIncludes best overall response of MR or better. ^cIncludes best overall response of PR or VGPR. ^dIn patients with a best overall response better than SD.
 BTK, Bruton tyrosine kinase; cBTK, covalent Bruton tyrosine kinase; MR, minor response; ncBTK, noncovalent Bruton tyrosine kinase; ORR, overall response rate; PD, progressive disease; PR, partial response; SD, stable disease; VGPR, very good partial response.

Rapid and Significant Cytopenia Improvement Was Observed in Patients With Treatment Response

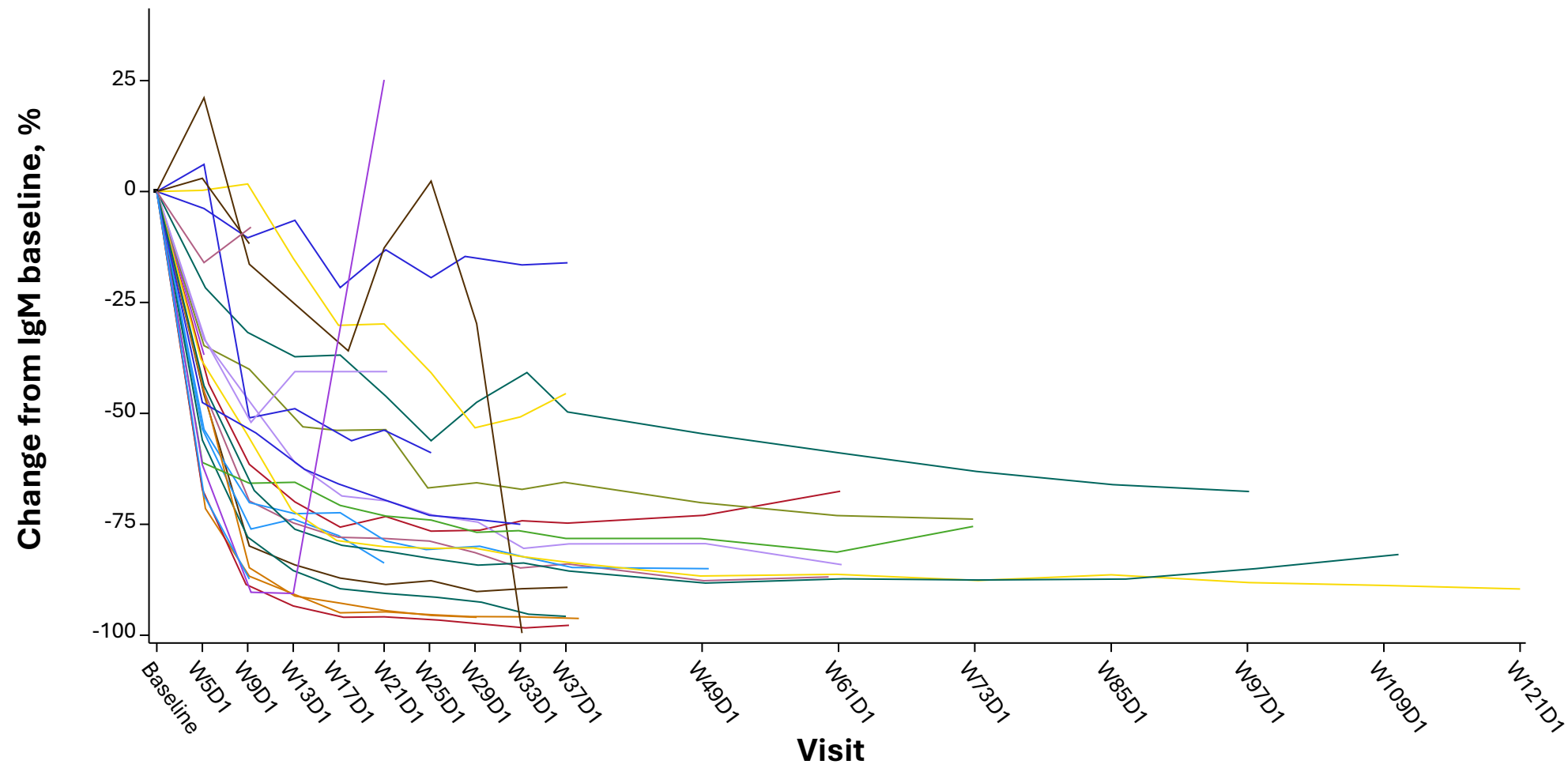
	Baseline	W9D1
Neutrophil count, median, 10 ⁹ /L	0.9	1.1
Hemoglobin level, median, g/L	98.0	114.0
Platelet count, median, 10 ⁹ /L	39.5	126.0



D, day; W, week; WM, Waldenström macroglobulinemia.

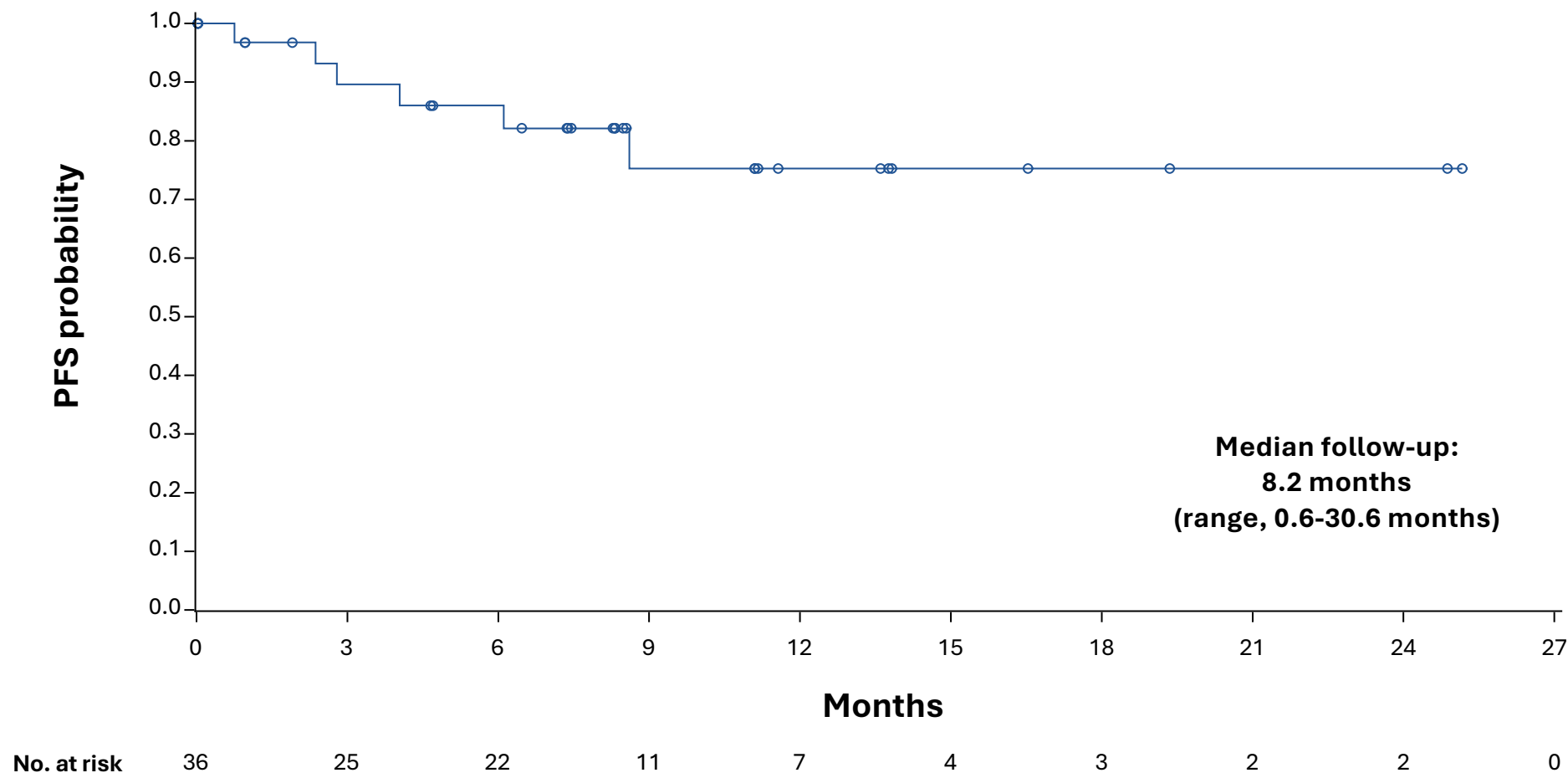
IgM Decreased in All Patients

Rapid and sustained decrease in IgM in most patients



Patient with rapid IgM increase had *BTK*, *MYD88*, *CXCR4*, and *TP53* mutations at baseline, paused treatment for 2-3 weeks due to COVID-19 infection, and developed rapid progression shortly after restarting treatment. D, day; IgM, immunoglobulin M; W, week.

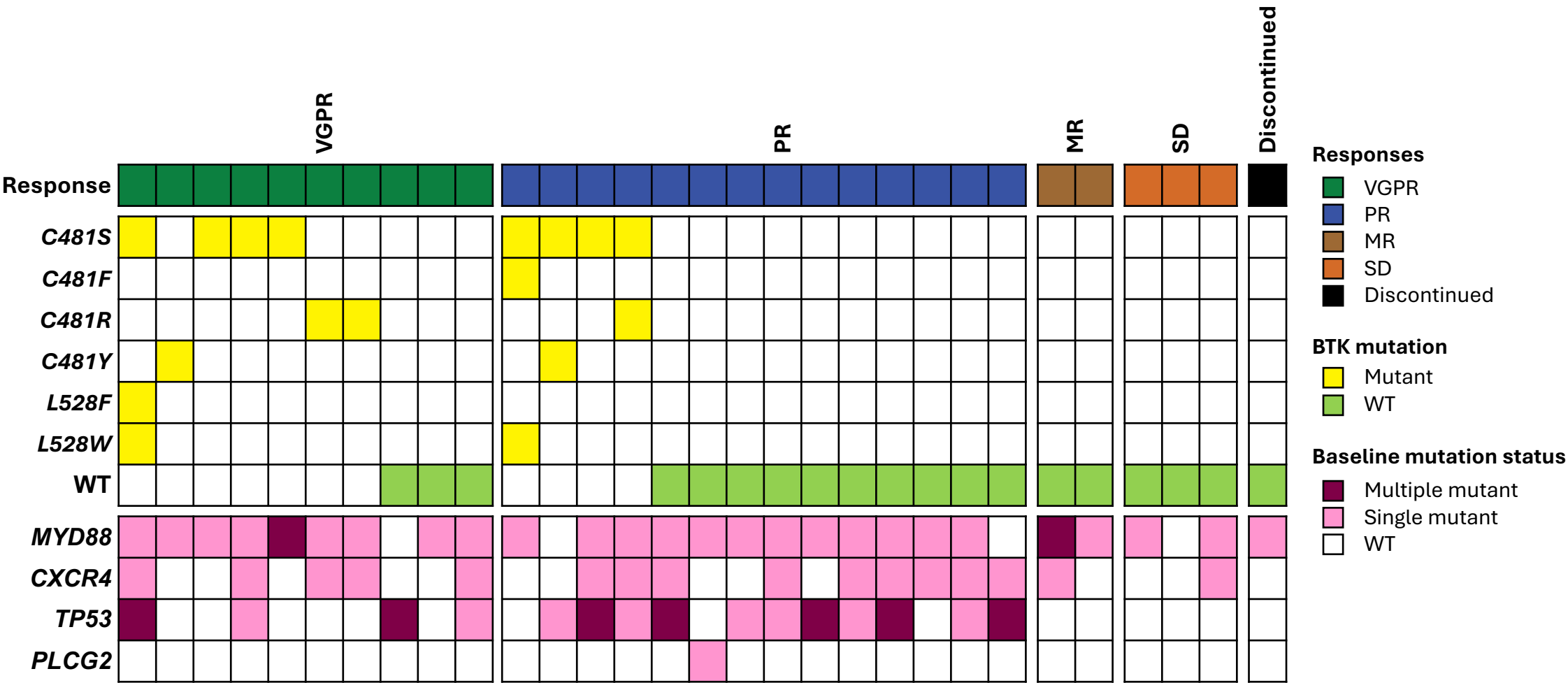
Median PFS Was Not Reached



PFS, progression-free survival.

Responses Occurred Regardless of Baseline Mutations

(Best Overall Response vs Baseline Mutation)^a



^aGenomic mutations were centrally assessed by targeted next-generation sequencing.
BTKi, Bruton tyrosine kinase inhibitor; MR, minor response; NE, not evaluable; PR, partial response; SD, stable disease; VGPR, very good partial response; WT, wild type.

NX-5948-301: Phase 1a/b trial in adults with R/R B-cell malignancies

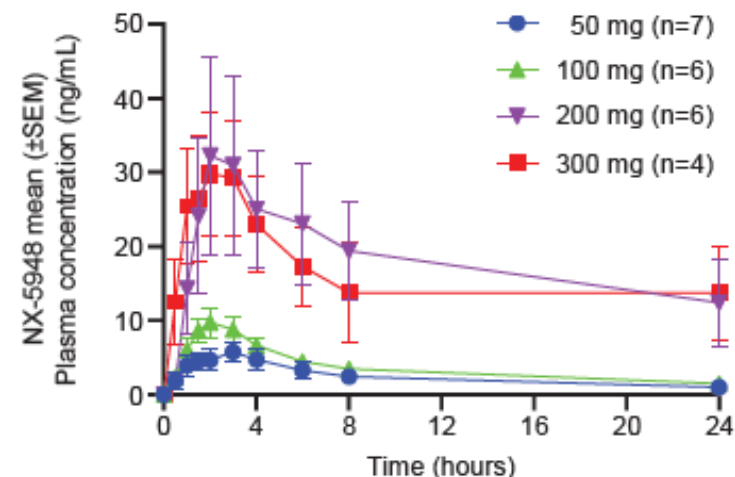
Dose levels: 40 mg → 640 mg

48 NHL/WM¹

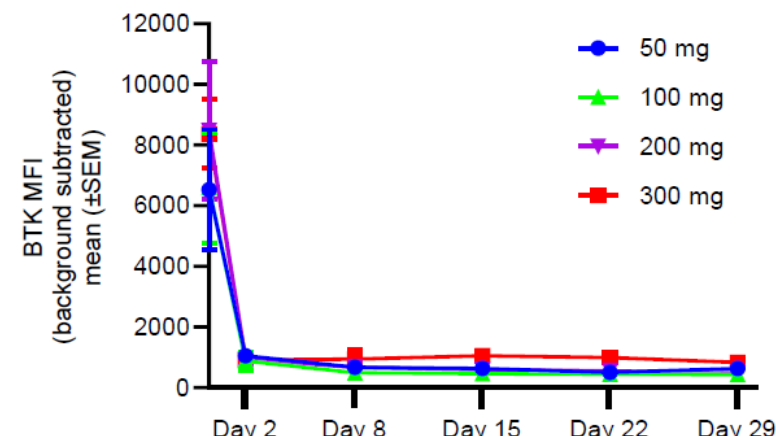
- Median age 66.5 years
- Median prior lines: 4
- **CNS involvement 20.8%**
- Prior cBTKi: 60.4%
- Prior ncBTKi: 14.6%
- Prior BCL2i: 14.6%
- Prior CAR-T/Bispecifics 22.9%/14.6%
- *TP53* mutations 9.5%

- *22/48 still on treatment*
- *Clinical follow-up still ongoing for iNHL/WM cohort*
- *Clinical efficacy on CNS involvement*

NX-5948 Cycle 1, Day 1 pharmacokinetics



BTK degradation in all patients receiving NX-5948

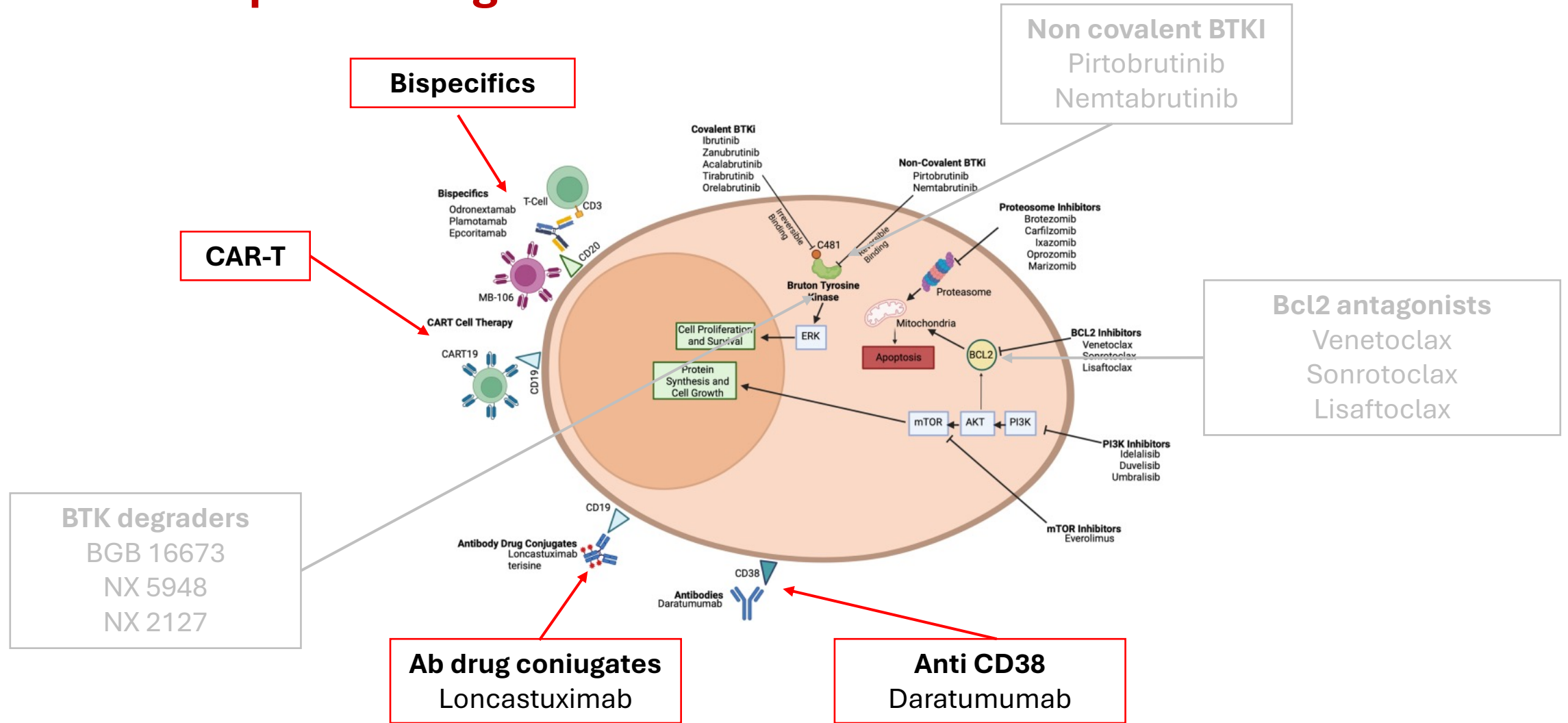


BCL2i, B-cell lymphoma-2 inhibitor; BTK, Bruton's tyrosine kinase; cBTKi, covalent BTKi; CAR-T, chimeric antigen receptor T-cell; CNS, central nervous system; FL, follicular lymphoma; iNHL, indolent non-Hodgkin lymphoma; MZL, marginal zone lymphoma; ncBTKi, non-covalent BTKi; R/R, relapsed/refractory; *TP53*, tumor protein p53; WM, Waldenström's macroglobulinemia.

1) Linton K et al. Presented at the EHA2024 Hybrid Congress; June 13-16, 2024; Madrid, Spain. Available at: <https://www.nurixtx.com/wp-content/uploads/2024/06/EHA-2024-Oral-FINAL.pdf>;

2) Searle E et al. Presented at the 21st Annual International Ullmann Chicago Lymphoma Symposium; 19-20 April 2024, Chicago, IL, USA. Available at: <https://ir.nurixtx.com/static-files/17923ef7-e335-4870-9ed9-aff3b25e127b>.

Potential therapeutic targets in WM



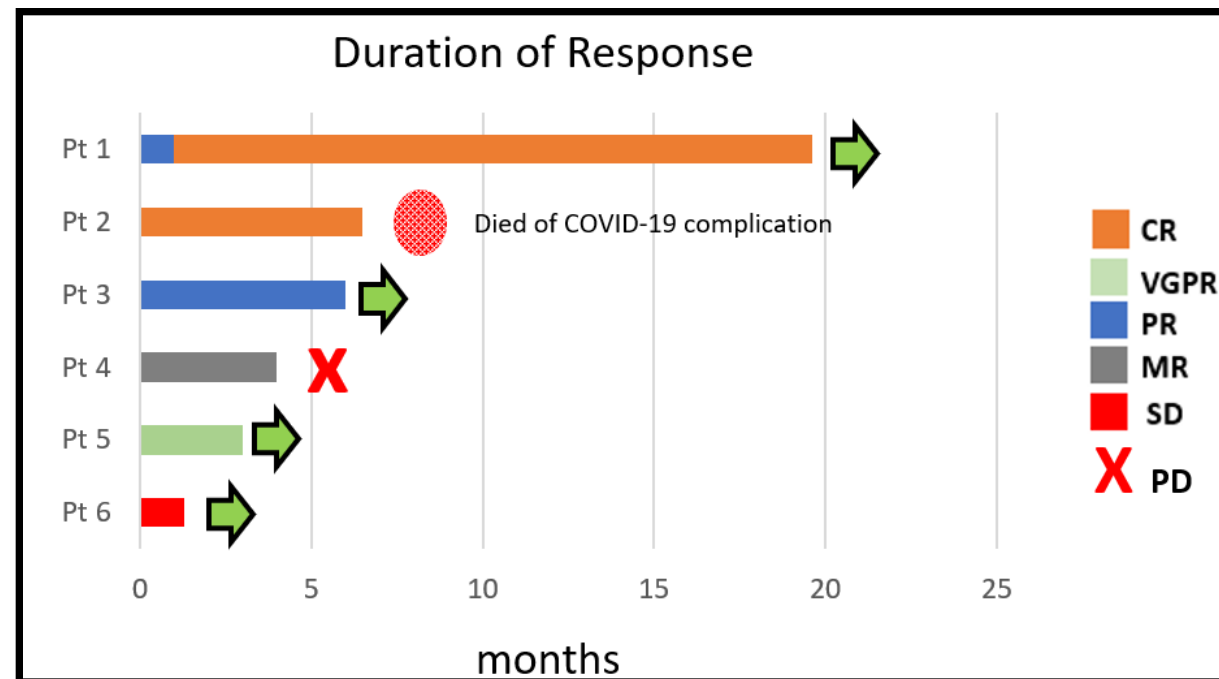
CD20 CAR-T Cell Therapy

Patient characteristics (N=6)	
Age, median (range)	69 (51-79)
Female, n (%)	2 (33%)
Prior lines of therapy, median (range)	6.5 (2-12)
Prior Bruton tyrosine kinase inhibitor	6 (100%)

Best response by IWWM-7 [†] (N=6)	
CR	2 (33%)
VGPR	1 (16.7%)
PR	1 (16.7%)
MR	1 (16.7%)
SD	1 (16.7%)

Major response rate: **67%**

Safety (N=6)				
	G1	G2	G3	G4
CRS	2 (33%)	3 (50%)	0	0
ICANS	1 (16%)	0	0	0

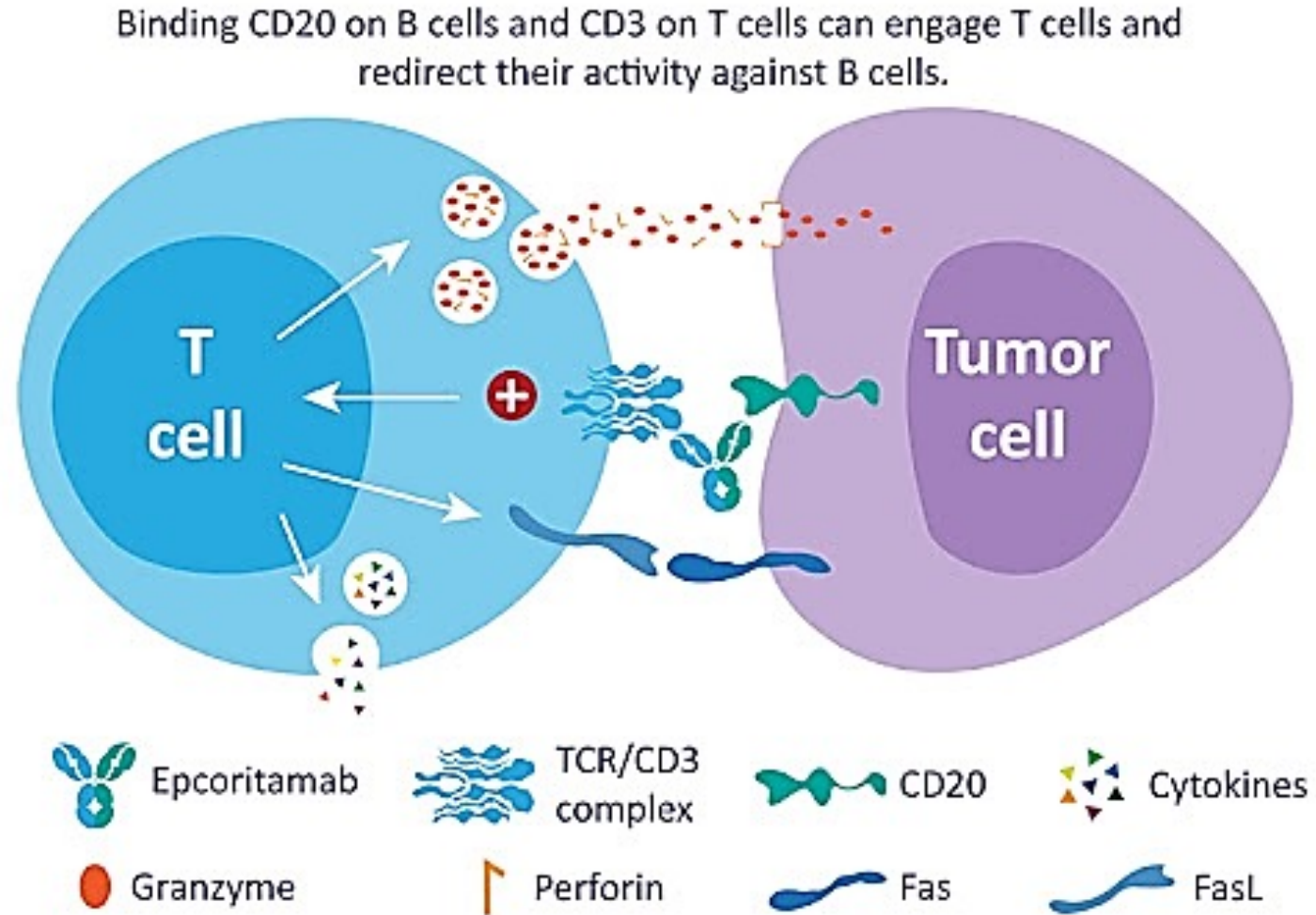


No patient has started new anti-WM treatment after MB-106

Bispecific Antibody Therapy for WM

Epcoritamab in R/R WM

- ☐ ≥1 prior line
- ☐ Have to undergo plasmapheresis before 1° infusion id IgM >4000 mg/dl
- ☐ BNS excluded

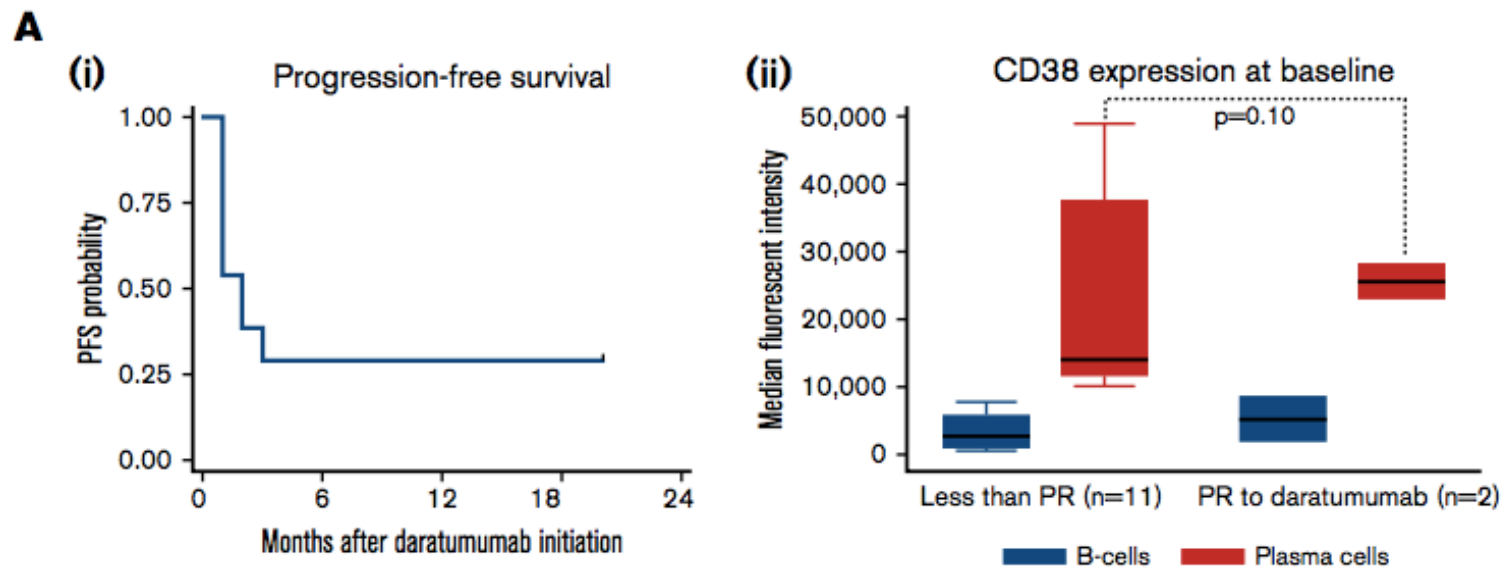


Actively recruiting

A Phase II Study of Daratumumab Plus Ibrutinib in Patients With WM

2020 Daratumumab monotherapy RR WM (13 pts, 4 RR cBTKi)
daratumumab monotherapy induced lower than expected responses in WM, despite effective in MM

ORR	23%
MR	15%
Clinical benefit	54%



M number of Dara cycles: 2
11/13 discontinued due to PD/no response

Conclusions

- **Promising development of next generation Bcl2 inhibitors, nc BTKi and BTK degraders in cBTKi-refractory patients**
 - *Should WM follow CLL road-map?*
- **No data on cellular therapy/bispecifics**
 - *May be effective, especially if sensitized by BTKi*
- **Chemo-free fixed-duration regimen both in first and salvage treatment may be an effective strategy to avoid long-term toxicities and resistance**