

# To 2L and Beyond: Treatment options in R/R MCL

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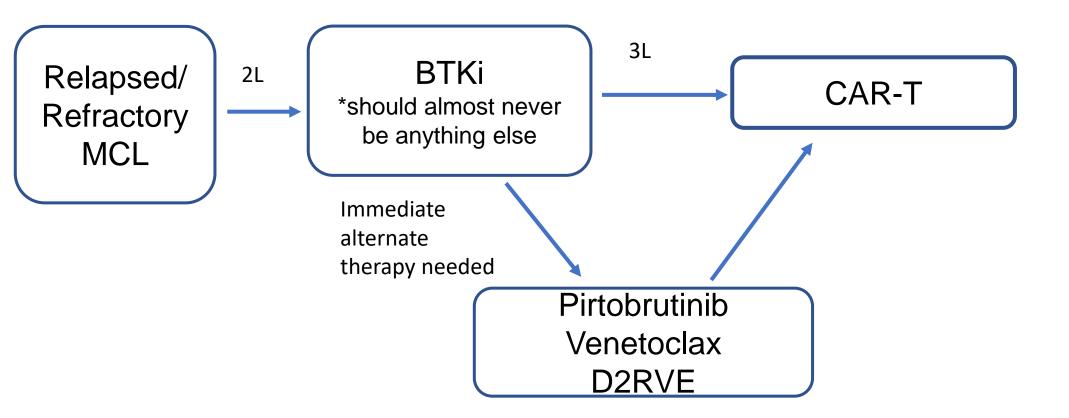




- MCL remains a difficult disease to treat mainly due to the variability in patient presentations/outcomes with current therapy
  - 1L therapy remains in flux
    - BTKi continue to attempt to move into the 1L setting
    - How does this (1L BTKi) either continuous or intermittent impact 2L space as this isn't going to cure patients
    - Potentially moves up other agents and accentuates the need for novel treatments in MCL

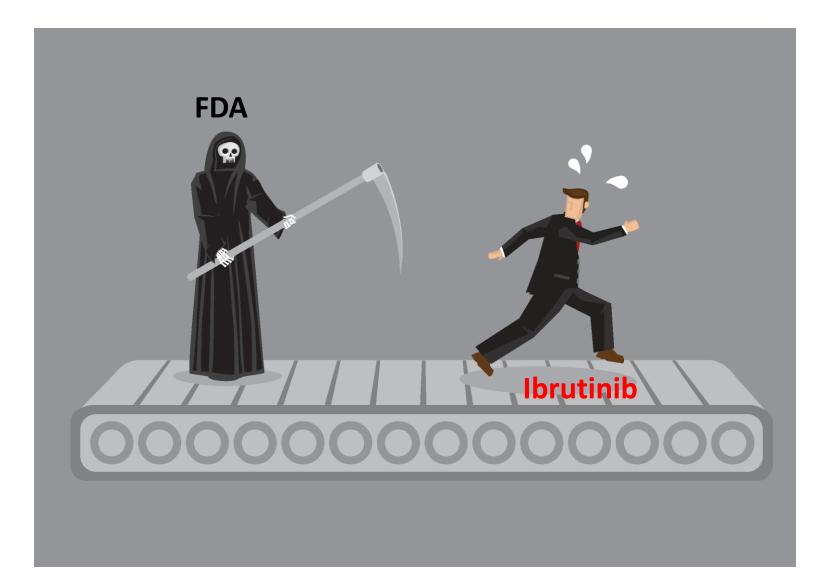
# R/R MCL

• My current view



## Sixth Sense.....









- In the US we have 2 cBTKi left on the market
  - Acalabrutinib and Zanubrutinib
    - No major issues to distinguish between the two drugs
      - Acalabrutinib 100 mg BID
        - Harder to dose reduce
      - Zanubrutinib
        - More neutropenia
    - Ultimately choice of agent is subjective
- Can we do better?

#### Acalabrutinib

ORR using the 2014 Lugano Classification

|   | ORR (CR   |
|---|-----------|
|   | Best resp |
| et al. Acalabrutinib in relapsed or                               | CR        |
| mantle cell lymphoma (ACE-LY-<br>ngle-arm, multicentre, phase 2   | PR        |
| et 2018;391(10121):659-667<br>ne S. Tam, et al., Zanubrutinib for | SD        |
|   |           |

|               | N=124                    |                 |  |
|---------------|--------------------------|-----------------|--|
|               | Investigator<br>assessed | IRC<br>assessed |  |
|               | n (%)                    | n (%)           |  |
| ORR (CR + PR) | 100 (81)                 | 99 (80)         |  |
| est response  |                          |                 |  |
| CR            | 49 (40)                  | 49 (40)         |  |
| PR            | 51 (41)                  | 50 (40)         |  |
| SD            | 11 (9)                   | 9 (7)           |  |
| PD            | 10 (8)                   | 11 (9)          |  |
| Not evaluable | 3 (2)                    | 5 (4)           |  |

#### **Zanubrutinib**

| Response<br>assessment | Investigator-<br>assessed response<br>(N = 32) | IRC-assessed<br>response<br>(N = 32) |
|------------------------|--|--------------------------------------|
| ORR<br>95% CI*         | 29 (90.6)<br>(75.0-9x8.0)                      | 27 (84.4)<br>(67.2-94.7)             |
| Best response          |  |                                      |
| CR                     | 10 (31.3)                                      | 8 (25.0)                             |
| PR                     | 19 (59.4)                                      | 19 (59.4)                            |
| Stable disease         | 1 (3.1)  | 2 (6.3)                              |
| PD                     | 2 (6.3)  | 2 (6.3)                              |
| Unknown†               | 0  | 1 (3.1)                              |

Wang M. refractory 004): a sir trial. Lanc

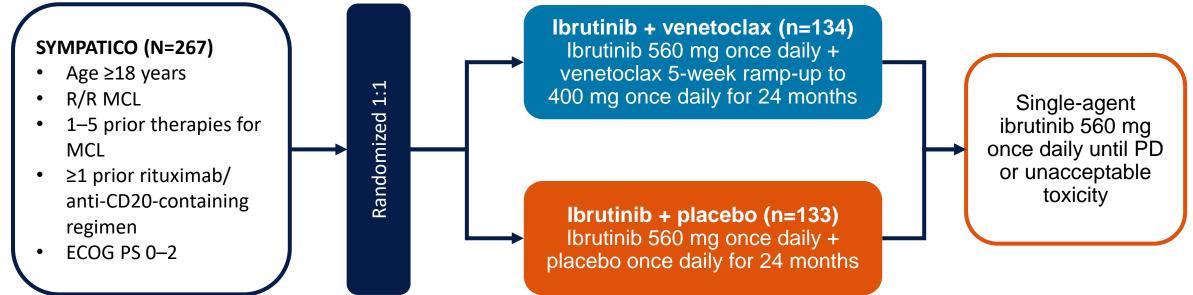
Constantir the treatment of relapsed or refractory mantle cell lymphoma, Blood Adv, 2021.

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#### SYMPATICO Study Design

• SYMPATICO (NCT03112174) is multinational, randomized, double-blind, placebo-controlled, phase 3 study



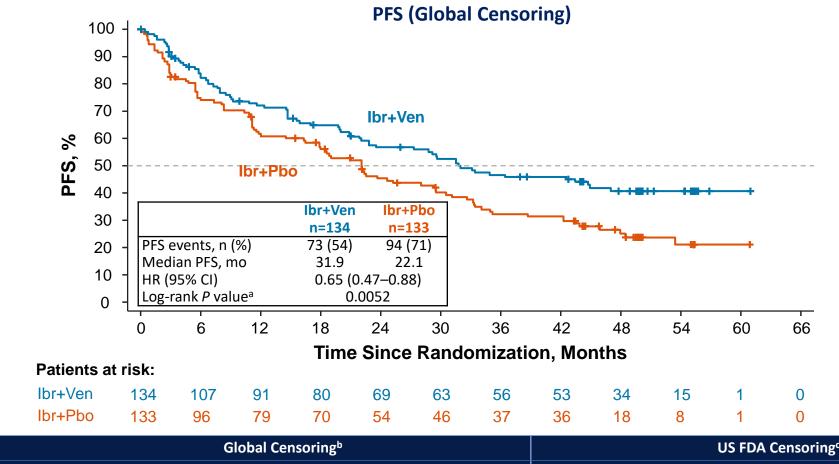
Stratification: ECOG PS, prior lines of therapy, TLS risk<sup>a</sup>

#### • Primary endpoint:

- PFS by investigator assessment using Lugano criteria
- Secondary endpoints (tested hierarchically in the following order):
  - CR rate by investigator assessment
  - TTNT<sup>b</sup>
  - OS (interim analysis)
  - ORR by investigator assessment
- CR, complete response; ECOG PS, Eastern Cooperative Oncology Group performance status; PD, progressive disease; PFS, progression-free survival; ORR, overall response rate; OS, overall survival; TLS, tumor lysis syndrome; TTNT, time to next treatment.

<sup>a</sup>Increased TLS risk was defined as at least 1 lesion >10 cm, or at least 1 lesion >5 cm with circulating lymphocytes >25,000 cells/mm<sup>3</sup>, and/or creatinine clearance <60 mL/min. <sup>b</sup>For hierarchical testing per US FDA censoring, TTNT was tested after OS.

#### Primary Endpoint: Investigator-Assessed PFS Was Significantly Improved With Ibrutinib + Venetoclax Versus Ibrutinib + Placebo



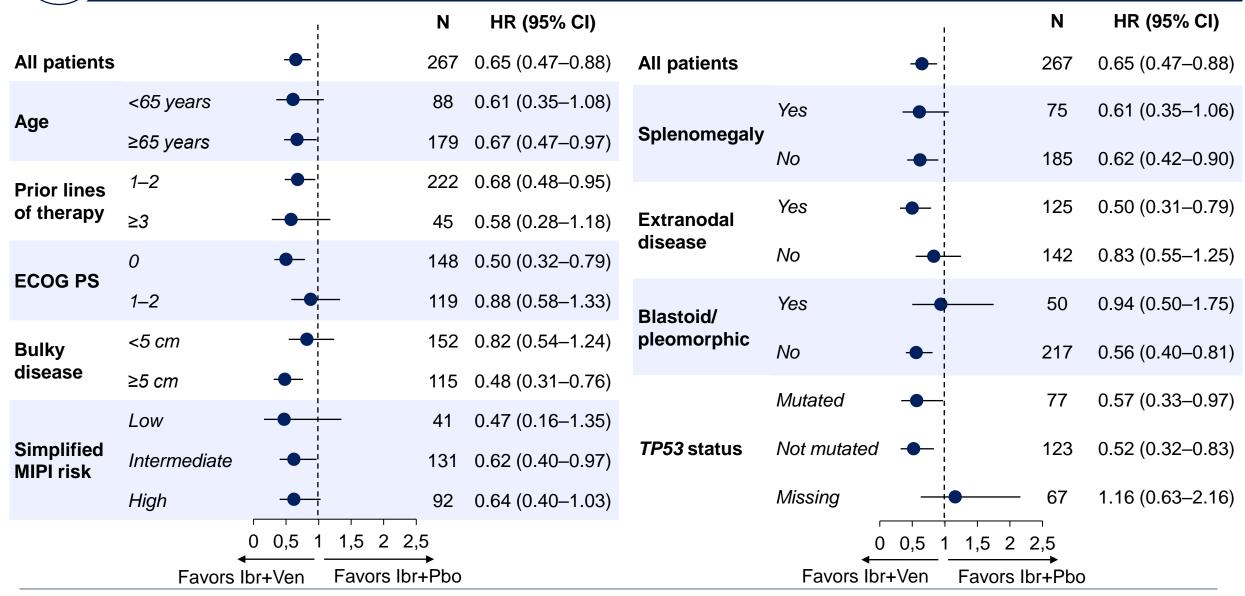
| Median PFS, mo Global Censoring <sup>b</sup> |                  |                  |                  | US FD                                   | A Censoring <sup>c</sup> |                  |                  |   |
|--|------------------|------------------|------------------|---|--------------------------|------------------|------------------|---|
|  | lbr+Ven<br>n=134 | lbr+Pbo<br>n=133 | HR (95% CI)      | Log-rank<br><i>P</i> value <sup>a</sup> | lbr+Ven<br>n=134         | lbr+Pbo<br>n=133 | HR (95% CI)      | Log-rank<br><i>P</i> value <sup>a</sup> |
| Investigator assessment                      | 31.9             | 22.1             | 0.65 (0.47–0.88) | 0.0052                                  | 42.6                     | 22.1             | 0.60 (0.44–0.83) | 0.0021                                  |
| IRC assessment                               | 31.8             | 20.9             | 0.67 (0.49–0.91) | 0.0108                                  | 43.5                     | 22.1             | 0.63 (0.45–0.87) | 0.0057                                  |

HR, hazard ratio; Ibr, ibrutinib; Pbo, placebo; Ven, venetoclax.

K

<sup>a</sup>*P* values were determined by stratified log-rank test (stratification factors: prior lines of therapy [1–2 vs ≥3] and TLS risk category [low vs increased risk]). <sup>b</sup>Censoring at last non-PD assessment for patients without PD or death. <sup>c</sup>Patients were censored at last non-PD assessment before start of subsequent anticancer therapy or missing ≥2 consecutive visits prior to a PFS event, whichever occurred first.

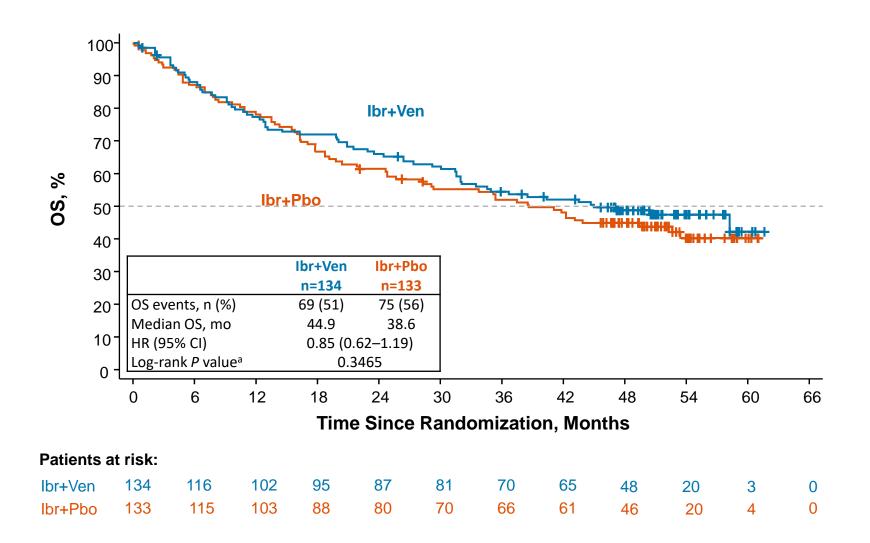
#### PFS Benefit<sup>a</sup> Was Generally Consistent Across Prespecified Subgroups



<sup>a</sup>Global censoring (censoring at last non-PD assessment for patients without PD or death).



B



<sup>a</sup>P values were determined by stratified log-rank test (stratification factors: prior lines of therapy [1–2 vs ≥3] and TLS risk category [low vs increased risk]).



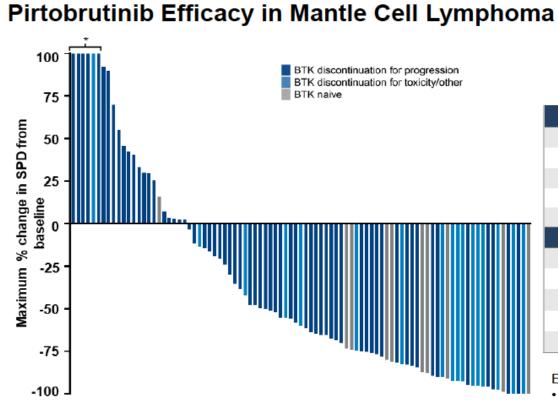
#### Safety Was Consistent With Known AEs of Each Single Agent

- Median overall treatment duration:
  - Ibrutinib + venetoclax, 22.2 months (range, 0.5–60.4)
  - Ibrutinib + placebo, 17.7 months (range, 0.1–58.9)

| AE, n (%)   | lbrutinib +<br>venetoclax<br>n=134       | lbrutinib +<br>placebo<br>n=132       | AE, n (%)  | lbrutinib +<br>venetoclax<br>n=134                  | lbrutinib +<br>placebo<br>n=132                     |
|---|--|---------------------------------------|--|---|---|
| Grade ≥3 AEs  | 112 (84)                                 | 100 (76)                              | Most frequent any-grade AEs <sup>b</sup>   | 07 (CF)   | 45 (24)   |
| Serious AEs   | 81 (60)                                  | 79 (60)                               | Diarrhea<br>Neutropenia  | 87 (65)<br>46 (34)                                  | 45 (34)<br>19 (14)                                  |
| AEs leading to discontinuation<br>Ibrutinib only<br>Venetoclax/placebo only<br>Both               | 41 (31)<br>11 (8)<br>2 (1)<br>28 (21)    | 48 (36)<br>10 (8)<br>7 (5)<br>31 (23) | Nausea<br>Fatigue<br>Anemia<br>Pyrexia<br>Cough  | 42 (31)<br>39 (29)<br>30 (22)<br>28 (21)<br>27 (20) | 22 (17)<br>36 (27)<br>16 (12)<br>26 (20)<br>36 (27) |
| AEs leading to dose reduction<br>Ibrutinib only<br>Venetoclax/placebo only<br>Both                | 48 (36)<br>17 (13)<br>14 (10)<br>17 (13) | 29 (22)<br>14 (11)<br>7 (5)<br>8 (6)  | Muscle spasms<br>Most frequent grade ≥3 AEs <sup>c</sup><br>Neutropenia<br>Pneumonia<br>Thrombocytopenia | 11 (8)<br>42 (31)<br>17 (13)<br>17 (13)             | 32 (24)<br>14 (11)<br>14 (11)<br>10 (8)             |
| AEs leading to death<br>Ibrutinib-related <sup>a</sup><br>Venetoclax/placebo-related <sup>a</sup> | 22 (16)<br>3 (2)<br>0                    | 18 (14)<br>2 (2)<br>1 (1)             | Anemia<br>Diarrhea<br>Leukopenia<br>MCL <sup>d</sup>   | 13 (10)<br>11 (8)<br>10 (7)<br>9 (7)                | 4 (3)<br>3 (2)<br>0<br>16 (12)                      |
| <b>Tumor lysis syndrome</b><br>Laboratory<br>Clinical   | 7 (5)<br>0                               | 3 (2)<br>0                            | Atrial fibrillation<br>COVID-19<br>Hypertension  | 7 (5)<br>7 (5)<br>6 (4)                             | 7 (5)<br>1 (1)<br>12 (9)                            |

<sup>a</sup>Per investigator opinion. <sup>b</sup>Occurring in ≥20% of patients in either arm. <sup>c</sup>Occurring in ≥5% of patients in either arm. <sup>d</sup>Worsening of MCL without meeting criteria for PD.

# Pirtobrutinib (Post BTKi Outcomes)



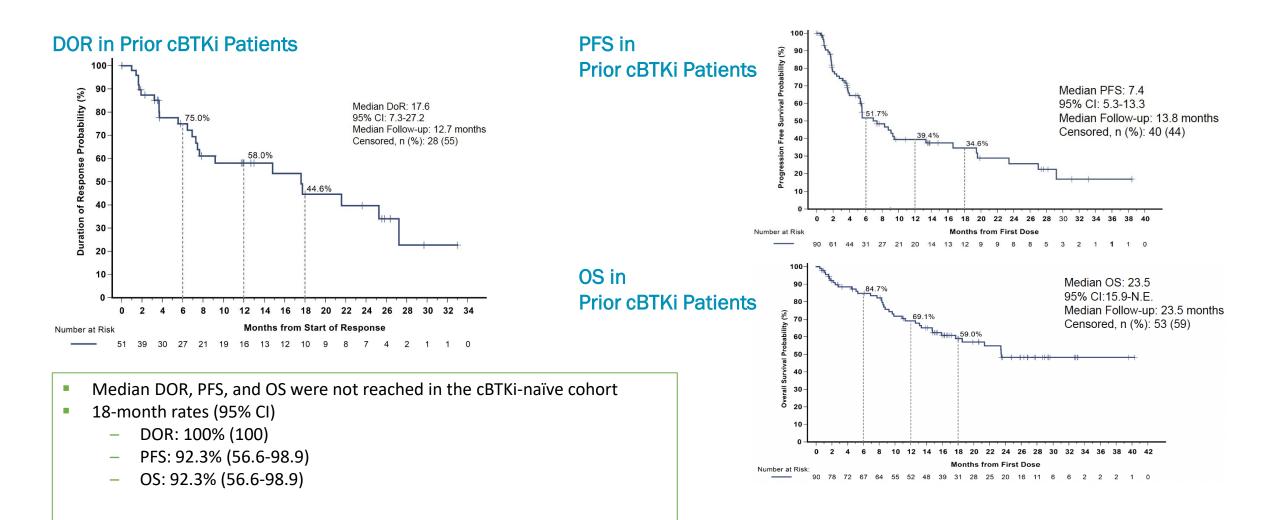
| BTK Pre-Treated MCL Patients <sup>a</sup>                        | n=100       |
|--|-------------|
| Overall Response Rate <sup>b</sup> , % (95% CI)                  | 51% (41-61) |
| Best Response  |             |
| CR, n (%)  | 25 (25)     |
| PR, n (%)  | 26 (26)     |
| SD, n (%)  | 16 (16)     |
| BTK Naive MCL Patients <sup>a</sup>                              | n=11        |
|  |             |
| Overall Response Rate <sup>b</sup> , % (95% Cl)                  | 82% (48-98) |
|  |             |
| Overall Response Rate <sup>b</sup> , % (95% CI)                  |             |
| Overall Response Rate <sup>b</sup> , % (95% CI)<br>Best Response | 82% (48-98) |

Efficacy also seen in patients with prior:

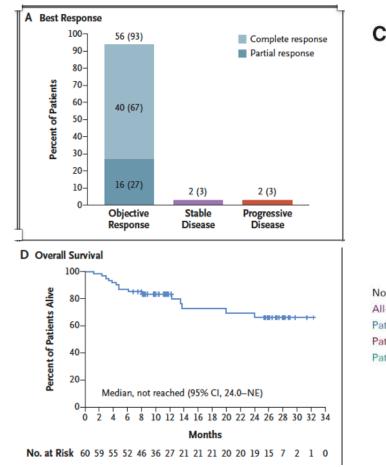
- Stem cell transplant (n=28): ORR 64% (95% CI: 44-81)
- CAR-T therapy (n=6): ORR 50% (95% CI: 12-88)

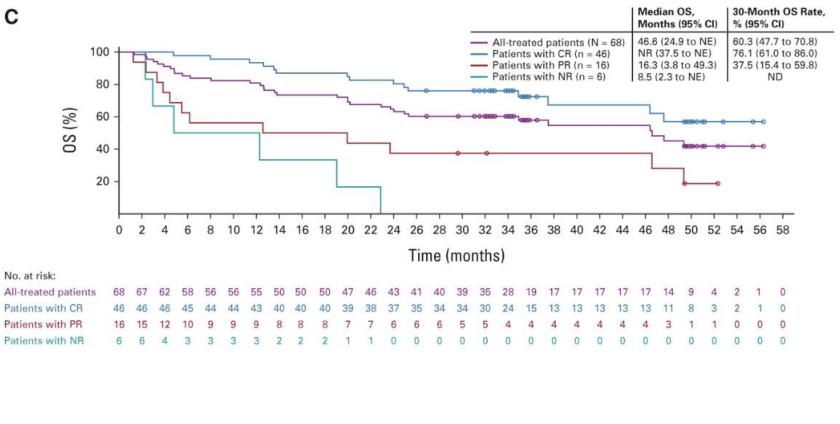
Data cutoff date of 16 July 2021. Data for 20 MCL patients are not shown in the waterfall plot due to no measurable target lesions identified by CT at baseline, discontinuation prior to first response assessment, or lack of adequate imaging in follow-up. \*Indicates patients with >100% increase in SPD. \*Efficacy evaluable patients are those who had at least one post-baseline response assessment or had discontinued treatment prior to first post-baseline response assessment. \*ORR includes patients with a best response of CR and PR. Response status per Lugano 2014 criteria based on investigator assessment. Total % may be different than the sum of the individual components due to rounding.

# Updated Results and Subgroup Analysis From the BRUIN Phase 1/2 Study of Pirtobrutinib in Patients With R/R MCL: DOR, PFS, and OS



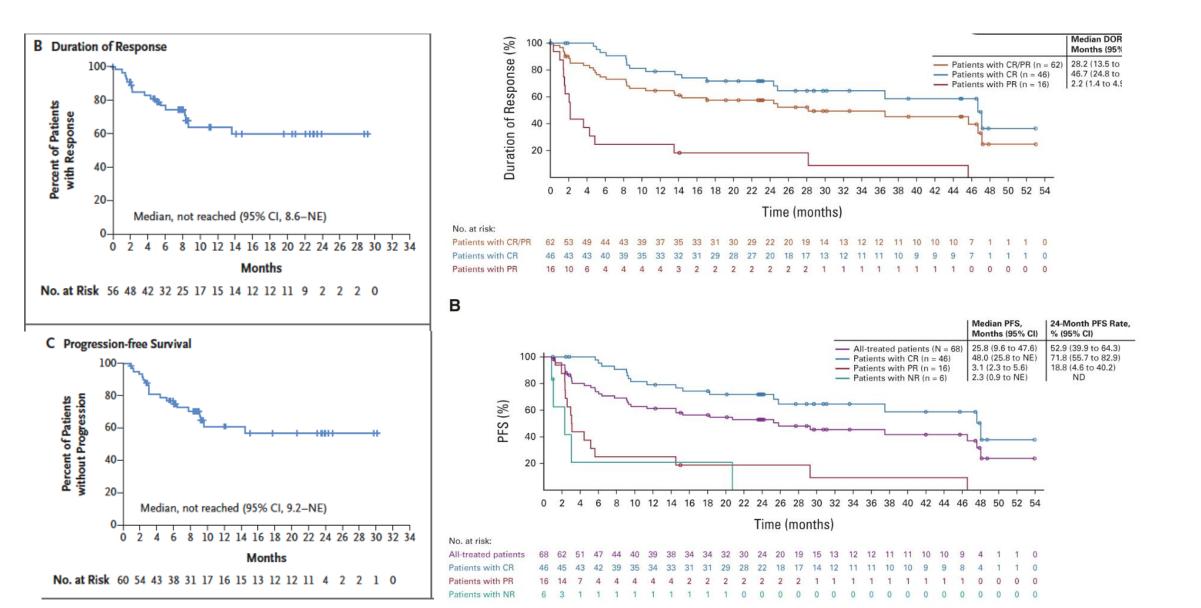
# Brexucabtagene autoleucel





Wang M et al, KTE-X19 CAR T-Cell Therapy in Relapsed or Refractory Mantle-Cell Lymphoma. N Engl J Med. 2020 Apr 2;382(14):1331-1342. doi: 10.1056/NEJMoa1914347. PMID: 32242358; PMCID: PMC7731441.

# Then vs. Now

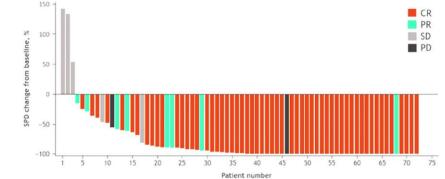


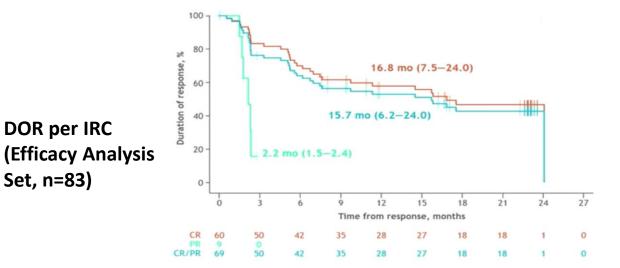
# Results From the TRANSCEND-NHL-001 Study of Liso-cel in Patients With R/R MCL: Response and Analysis DOR

| Best Response                        | Primary Analysis Set (n=74)        |  |
|--------------------------------------|------------------------------------|--|
| ORR, % (95% CI)                      | 86.5 (76.5-93.3); <i>P</i> <0.0001 |  |
| CR, % (95% CI)                       | 74.3 (62.8-83.8); <i>P</i> <0.0001 |  |
| PR, %                                | 12.2                               |  |
| SD, %                                | 6.8                                |  |
| PD, %                                | 0                                  |  |
| NE, %                                | 6.8                                |  |
| Response                             | Efficacy Analysis Set (n=83)       |  |
| ORR, % (95% CI)                      | 83.1 (73.3-90.5)                   |  |
| CR, % (95% CI)                       | 72.3 (61.4-81.6)                   |  |
| Median months to first CR/PR (range) | 0.95 (0.7-3.0)                     |  |
| DOP Par IPC                          | Responders Patients with CR        |  |

| DOR Per IF                        | RC             | Responders<br>(n=69) | Patients with CR<br>(n=60) |
|-----------------------------------|----------------|----------------------|----------------------------|
| Median, m                         | onths (95% CI) | 15.7 (6.2-24.0)      | 16.8 (7.5-24.0)            |
| Rate, %                           | 12-month       | 52.9 (40.1-64.2)     | 57.8 (44.2-69.2)           |
| (95% CI)                          | 18-month       | 42.7 (29.9-54.9)     | 46.7 (32.8-59.4)           |
| Median follow-up, months (95% CI) |                | 22.8 (16             | 5.7-23.0)                  |

Change in SPD and Response Status per IRC (Efficacy Analysis Set, n=83)





# Cytokine Release Syndrome/Neurotoxicity

## Brexucabtagene

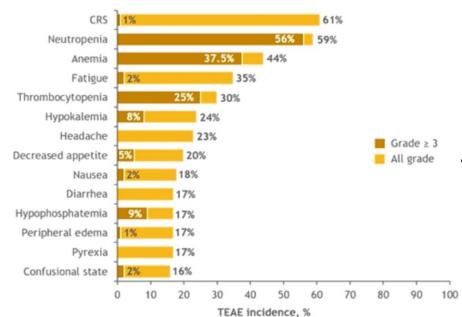
• No Grade 5 CRS occurred

| Parameter                                       | N = 68      |
|---|-------------|
| CRS, n (%)ª                                     |             |
| Any grade                                       | 62 (91)     |
| Grade ≥ 3                                       | 10 (15)     |
| Most common any grade symptoms of CRS, n<br>(%) |             |
| Pyrexia   | 62 (91)     |
| Hypotension                                     | 35 (51)     |
| Нурохіа   | 23 (34)     |
| AE management, n (%)                            |             |
| Tocilizumab                                     | 40 (59)     |
| Corticosteroids                                 | 15 (22)     |
| Median time to onset (range), days              | 2 (1 – 13)  |
| Median duration of events, days                 | 11          |
| Patients with resolved events, n (%)            | 62/62 (100) |

| Parameter                             | N = 68                  |
|---------------------------------------|-------------------------|
| Neurologic events, n (%) <sup>a</sup> |                         |
| Any grade                             | 43 (63)                 |
| Grade ≥ 3                             | 21 (31)                 |
| Most common any grade symptoms, n (%) |                         |
| Tremor                                | 24 (35)                 |
| Encephalopathy                        | 21 (31)                 |
| Confusional state                     | 14 (21)                 |
| AE management, n (%)                  |                         |
| Tocilizumab                           | 18 (26)                 |
| Corticosteroids                       | 26 (38)                 |
| Median time to onset (range), days    | 7 (1 – 32)              |
| Median duration of events, days       | 12                      |
| Patients with resolved events, n (%)  | 37/43 (86) <sup>b</sup> |

Wang M et al, KTE-X19 CAR T-Cell Therapy in Relapsed or Refractory Mantle-Cell Lymphoma. N Engl J Med. 2020 Apr 2;382(14):1331-1342. doi: 10.1056/NEJMoa1914347. PMID: 32242358; PMCID: PMC7731441.

### Primary Analysis Results From the TRANSCEND-NHL-001 Study of Liso-cel in Patients With R/R MCL: Safety



TEAEs (Liso-cel-Treated Set, n=88)

| Other AEs of Special Interest, n (%) | Liso-cel-Treated Set (n=88) |
|--------------------------------------|-----------------------------|
| Prolonged cytopenias                 | 35 (40)                     |
| Grade ≥3 infections                  | 13 (15)                     |
| Hypogammaglobulinemia                | 6 (7)                       |

| • | MTD was not reached;      |
|---|---------------------------|
|   | 2 patients with a DLT amo |
|   | 31 DLT-evaluable patients |
|   | (both at DI 2)            |

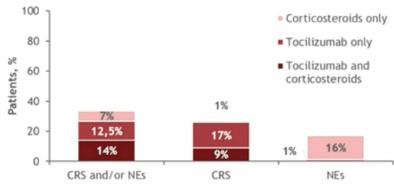
- (both at DL2) Grade 5 TLS in a patient w
- high tumor burden
- Grade 3 neutropenia/grad 4 thrombocytopenia

among

- Grade 5 TEAEs in 4 (4.5%) patients
  - 3 were considered related to liso-cel
  - 1 was considered unrelated

|       | CRS and NEs<br>(Liso-cel-Treated Set, n=88) |            | CRS        | NEs        |  |
|-------|---|------------|------------|------------|--|
|       | Any grade, n (%)                            |            | 54 (61)    | 27 (31)    |  |
| vith  | Grade 1/2                                   |            | 53 (60)    | 19 (22)    |  |
|       | Grade 3                                     |            | 0          | 7 (8)      |  |
| de    | Grade 4                                     |            | 1 (1)      | 1 (1)      |  |
|       | Grade 5                                     |            | 0          | 0          |  |
| 4 + 0 | Median time to:<br>(range), days            | Onset      | 4.0 (1-10) | 8.0 (1-25) |  |
|       |   | Resolution | 4.0 (1-14) | 5.0 (1-45) |  |

#### Treatment for CRS and NEs



CRS - Cytokine Release Syndrome

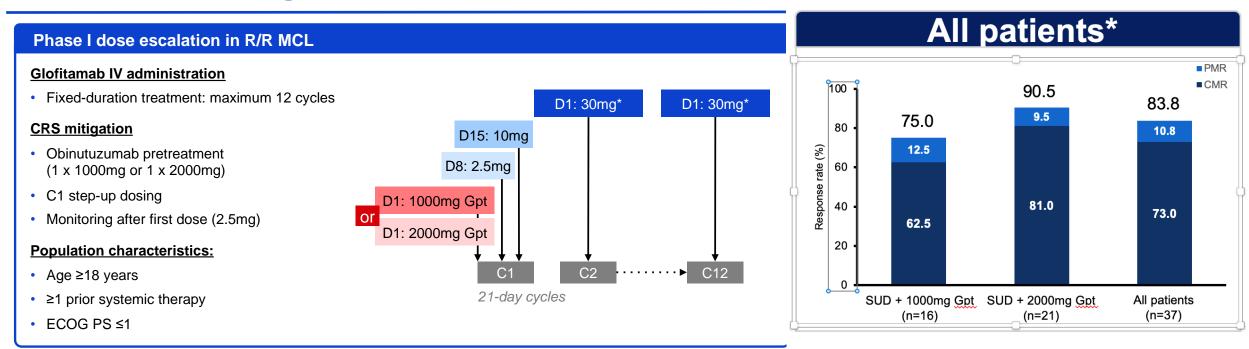
DLT – Dose limiting Toxicity

MTD – Maximum Tolerated Dose, NE – Neurological Event

Wang M, et al. ICML 2023. Abstract LBA3.

# Glofitamab

#### **Glofitamab dosing schedules**



Clinical cut-off date: March 14, 2022; \*In the glofitamab SUD + 1000mg Gpt cohort, two patients had 16mg glofitamab as their target dose.

#### Updated data will be presented at ASCO and EHA

# **Cytokine release syndrome\***

| n (%) of patients with<br>≥1 AE unless stated | Glofitamab SUD +<br>1000mg Gpt (n=16) | Glofitamab SUD +<br>2000mg Gpt (n=21) |                     | CRS by cycle, grade and regimen |                                 |                              |     |
|---|---------------------------------------|---------------------------------------|---------------------|---------------------------------|---------------------------------|------------------------------|-----|
| Any CRS                                       | 14 (87.5)                             | 14 (66.7)                             | (N=37)<br>28 (75.7) |                                 | nab SUD<br>mg G <mark>pt</mark> | Glofitamab Sl<br>+ 2000mg Gr |     |
| Grade 1                                       | 4 (25.0)                              | 7 (33.0)                              | 11 (29.7)           | C1D8–14 2.5mg 66.8              |                                 | 45.0                         |     |
| Grade 2                                       | 6 (37.5)                              | 5 (23.8)                              | 11 (29.7)           | C1D15–21 10mg 40                | 0.0                             | 30.0                         |     |
| Grade 3                                       | 2 (12.5)                              | 2 (9.5)                               | 4 (10.8)            | C2 30mg                         | 13.3                            | 26.3                         |     |
| Grade 4                                       | 2 (12.5)                              | 0 (0.0)                               | 2 (5.4)             | , C                             |                                 |                              |     |
| Serious AE of CRS (any grade)                 | 10 (62.5)                             | 5 (23.8)                              | 15 (40.5)           | C3 30mg                         | 0.0                             | 5.3                          |     |
| Median time to CRS onset, hours (range)       | 7.55 (4.4–14.0)                       | 9.77 (5.0–20.8)                       | 9.31 (4.4–20.8)     | C4+ 30mg<br>                    | 7.7                             | 5.3                          | _   |
| Tocilizumab for CRS management                | 11 (68.8)                             | 6 (28.6)                              | 17 (45.9)           | 100                             | C<br>Patie                      | )<br>ents (%)                | 100 |
| Corticosteroid for CRS management             | 8 (50.0)                              | 6 (28.6)                              | 14 (37.8)           | Grade 1 Grad                    | le 2 G                          | rade 3 Grade                 | ÷4  |

Higher Gpt (2000mg) was associated with a lower rate of CRS, with no Grade 4 events reported in this group

| AE, n (%)                    | All grades (N=37) | Grade ≥3 (N=37)      |
|------------------------------|-------------------|----------------------|
| ICANS (derived) <sup>†</sup> | 5 (13.5)‡         | 0 (0.0) <sup>‡</sup> |

Lee et. Al. Biol Blood Marrow Transplant 2019, Phillips et al. ASH 2022

# Mosunetuzumab

•All original bispecific studies enrolled MCL patients

- Thus far only two products have published results
  We have already discussed Glofitamab
- •Published data from Mosunetuzumab Budde et al.
  - •13 enrolled patients
    - •ORR 30.8% (CR 23.1%)

# Study design: Phase II dose expansion (MCL)

# **Study design: Phase II dose expansion**

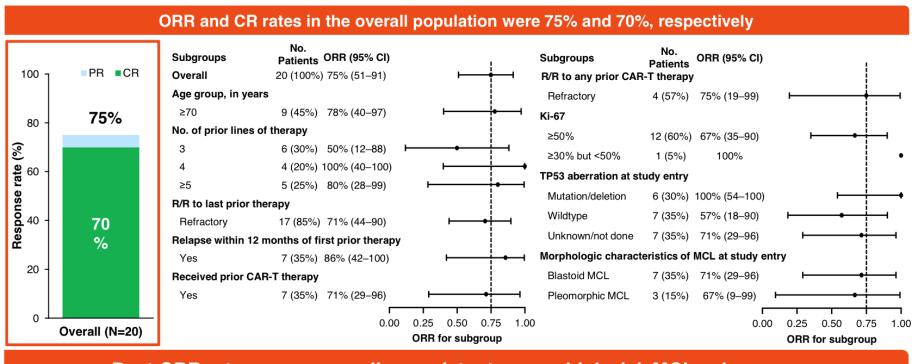
| Key inclusion criteria  |                            | Objective   | s          |            |            |
|---|----------------------------|---|------------|------------|------------|
| <ul> <li>R/R MCL</li> <li>ECOG PS 0–2</li> <li>≥2 prior therapies (including an anti-CD20 antibody, anthracycline or bendamustine therapy, and BTKi)</li> </ul> |                            | <ul> <li>Primary: efficacy of mosun-pola (best ORR<sup>1</sup> by IRC)</li> <li>Secondary: efficacy by INV, durability of response, and safety</li> </ul> |            |            |            |
| Mosun-pola fixed duration administration (NCT03671018)  |                            |   |            |            |            |
| <ul> <li>Mosun</li> <li>SC administered in 21-day cycles with step-up dosing in Cycle (C) 1; total of 17 cycles</li> <li>Pola</li> </ul>                        | D1 [<br>Mosun<br>45<br>5mg | 98 D15 [<br>mg 45mg   | D1<br>45mg | D1<br>45mg | D1<br>45mg |
| <ul> <li>1.8mg/kg IV on Day [D],1 of C1–6</li> <li>No mandatory hospitalization</li> </ul>  | Pola<br>↓                  | ļļ  | Pola<br>↓  | Pola<br>↓  | Ļ          |
| All patients received corticosteroid<br>premedication prior to each dose in C1*   | 21-d                       | C1<br>ay cycles   | C2         | C3–C       | 6 C7–C17   |

\*From C2 and beyond, premedication was optional for patients who did not experience CRS in the previous cycle; corticosteroid premedication consisted of 20mg of dexamethasone or 80mg of methylprednisolone, either IV or orally.

1. Cheson BD, et al. J Clin Oncol 2014;32:3059-68.

\*From C2 and beyond, premedication was optional for patients who did not experience CRS in the previous cycle; corticosteroid premedication consisted of 20mg of dexamethasone or 80mg of methylprednisolone, either IV or orally.

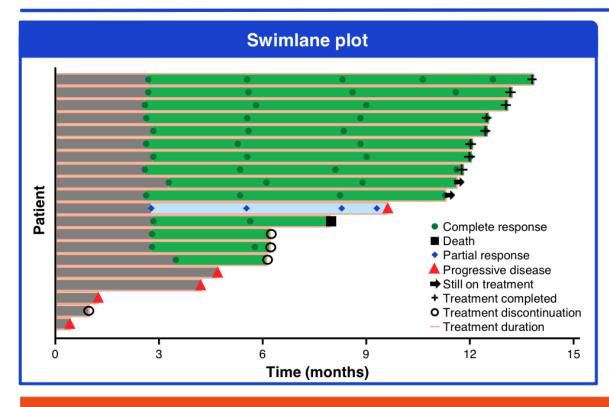
## **INV-assessed best ORR**



Best ORR rates were generally consistent across high-risk MCL subgroups

Clinical cut-off date: July 6, 2023.

# **Durability of response**



- Median follow-up: 15.8 months (range: 0–25)
- Median time to first response: 2.8 months (range: 2.6–3.4)
- Of 14 patients with CR, 11 remain in remission\*

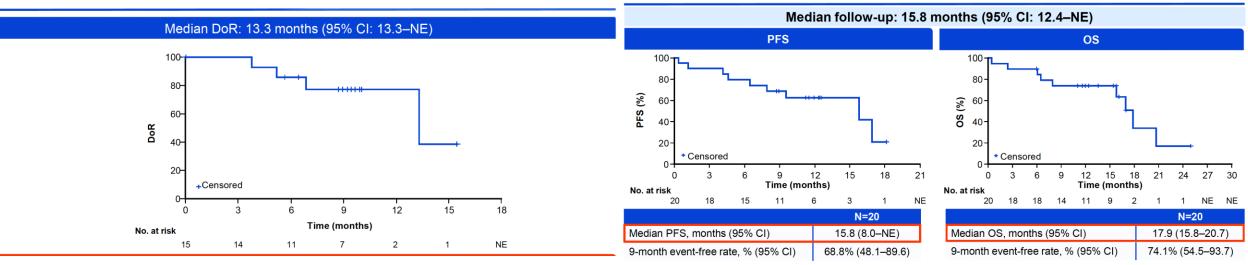
#### Complete remission was achieved early and remained durable

Clinical cut-off date: July 6, 2023. \*Out of the three patients who were not in remission, 1 patient had progressive disease, and two died from non-lymphoma causes.

# K/M Curves

#### **Duration of response (DoR)**

#### **PFS and OS**



# CRS summary

| CRS by ASTCT criteria <sup>1</sup>   | N=20                           | CRS by                                     | cycle and grade               |
|--|--------------------------------|--|-------------------------------|
| <b>Any grade, n (%)</b><br>Grade 1<br>Grade 2*<br>Grade 3+                 | 9 (45)<br>8 (40)<br>1 (5)<br>0 | 50<br>40 - 40%                             | Grade 1 Grade 2               |
| Median time to first CRS onset relative to last dose, days (range)         | 1 (0–2)                        | <b>Batients (%)</b><br>20 -                |                               |
| Median CRS duration, days (range)  | 3 (1–9)                        | 10 -                                       | 5%                            |
| CRS management, n (%)<br>Corticosteroids<br>Tocilizumab<br>Low-flow oxygen | 1 (5)<br>1 (5)<br>1 (5)        | 0 +<br>C1D1–7<br>Mosunetuzumab 5mg<br>dose | C1D8–14 C1D15–21<br>45mg 45mg |

#### All CRS events were low grade and resolved within C1

Clinical cut-off date: July 6, 2023. \*This patient experienced Grade 2 fever, confusion, and hypoxia on D3; management included tocilizumab, low-flow oxygen, acetaminophen, and broad-spectrum antibiotics. ASTCT, American Society for Transplantation and Cellular Therapy

# ICANS/Neuropathy

# **Other adverse events of interest**

| AE summary, n (%)                | N=20        | AE summary, n (%)                            | N=20                 |
|----------------------------------|-------------|--|----------------------|
| ICANS*<br>Any grade<br>Grade 3–4 | 4 (20)<br>0 | Serious infections<br>Any grade<br>Grade 3–4 | 8 (40.0)<br>3 (15.0) |
| Peripheral neuropathy            |             | Grade 5 <sup>†</sup>                         | 3 (15.0)             |
| Any grade                        | 2 (10.0)    | Neutropopio                                  |                      |
| Grade 3–4                        | 0           | <b>Neutropenia</b><br>Any grade              | 4 (20.0)             |
| Tumor flare                      |             | Grade 3–4                                    | 3 (15.0)             |
| Any grade                        | 2 (10.0)    |  |                      |
| Grade 3–4                        | 0           | Febrile Neutropenia                          | 1 (5.0)              |

# Mosun-pola demonstrated a manageable safety profile consistent with that of the individual agents in patients with R/R MCL, including those with high-risk features

Clinical cut-off date: July 6, 2023. \*Treatment-related neurologic AEs potentially consistent with ICANS; patient cases included two cases of memory impairment (Grade 1 and Grade 2), amnesia (Grade 2), agitation (Grade 1), confusional state (Grade 1). <sup>†</sup>Grade 5 infections included 2 cases of COVID-19 pneumonia and 1 case of COVID-19.

# Conclusion

- Based on SYMPATICO should BTKi combo with venetoclax be considered SOC in 2L?
  - acalabrutinib, zanubrutinib since ibrutinib is no longer approved in R/R MCL (issue in US only)
- Where will pirtobrutinib fit?
  - Will results of BRUIN 302 bump up the agent
    - What does that mean for the cBTKi??
- T-cell therapies
  - CAR-T only one approved option (now) high toxicity (brexucabtegene)
  - Liso-cel likely approved soon
    - Better option in older/frail patients?
  - Where will bispecifics fit in?
- Other agents/targets
  - Nemtabrutinib, Zilovertamab, Golcadomide, BAFF-R



# Thank you!

#### Enter your name

Enter your position, contacts (e-mail) and other related information

