Updated Results From the Phase 1 Study of Sonrotoclax (BGB-11417), a Novel BCL2 Inhibitor, in Combination With Zanubrutinib for Relapsed/Refractory CLL/SLL Demonstrate Deep and Durable Responses

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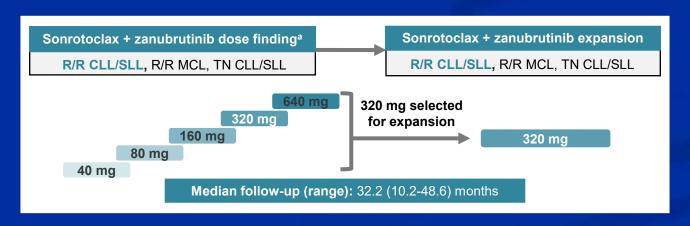
Introduction

- CLL/SLL remains incurable as many treated patients experience relapse,¹ necessitating further treatment with novel agents
- Sonrotoclax (BGB-11417), a next-generation BCL2 inhibitor, is a more selective and pharmacologically potent inhibitor of BCL2 than venetoclax, with a shorter half-life and no drug accumulation²
- Zanubrutinib is a highly potent and selective next-generation BTK inhibitor that was designed to provide complete and sustained target inhibition and is the only BTK inhibitor to demonstrate superiority over ibrutinib in a head-to-head phase 3 trial³
- Fixed-duration therapies are emerging as a new treatment option⁴; however, there are no approved BCL2 inhibitor + BTK inhibitor regimens for patients with R/R CLL/SLL
- Here, updated safety and efficacy data, including preliminary results from time-limited therapy, are presented for patients with R/R CLL/SLL treated with sonrotoclax + zanubrutinib in the ongoing BGB-11417-101 study (NCT04277637)



BGB-11417-101 (NCT04277637) Study Design

- BGB-11417-101 is a global phase 1/1b study evaluating sonrotoclax as monotherapy, or in combination ± zanubrutinib, and ± obinutuzumab in patients with B-cell malignancies
 - Data from R/R CLL/SLL cohorts treated with sonrotoclax + zanubrutinib are the focus of this presentation
- The primary endpoints are safety per NCI CTCAE v5.0, MTD, and RP2D
- For this R/R CLL/SLL cohort, treatment consists of 8-12 weeks of zanubrutinib lead-in (320 mg QD or 160 mg BID), then zanubrutinib + sonrotoclax until disease progression, intolerance, or elective discontinuation
- Patients who reach 96 weeks of combination treatment may elect to stop study drug treatment while remaining on study and following all procedures (protocol-defined elective discontinuation)





Baseline Characteristics and Demographics

Characteristic	Sonro 40 mg + Zanu (n=4)	Sonro 80 mg + Zanu (n=9)	Sonro 160 mg + Zanu (n=6)	Sonro 320 mg + Zanu (n=22)	Sonro 640 mg + Zanu (n=6)	AII (N=47)
Study follow-up, median (range),	46.8	40.6	42.0	19.6	30.9	32.2
months	(10.2-48.6)	(22.9-47.3)	(41.1-43.6)	(13.2-39.7)	(23.8-35.5)	(10.2-48.6)
Age, median (range), years	60.0 (50-71)	62.0 (55-75)	61.5 (41-76)	67.0 (36-76)	59.5 (53-69)	65.0 (36-76)
Male, n (%)	4 (100)	8 (89)	3 (50)	18 (82)	2 (33)	35 (74)
ECOG PS						
0	4 (100)	5 (56)	4 (67)	11 (50)	4 (67)	28 (60)
1	0	3 (33)	2 (33)	10 (45)	2 (33)	17 (36)
del(17p), n/tested (%)	3/4 (75)	4/8 (50)	1/6 (17)	3/18 (17)	0	11/42 (26)
del(17p) and/or <i>TP53</i> mutation ^a , n/tested (%)	3/4 (75)	5/8 (63)	1/6 (17)	7/19 (37)	0	16/42 (38)
Unmutated IGHV, n/tested (%)	2/4 (50)	8/9 (89)	3/6 (50)	14/17 (82)	3/5 (60)	30/41 (73)
Prior therapy						
No. of lines of prior therapy,	1.5 (1-2)	1.0 (1-2)	1.0 (1-2)	1.0 (1-3)	1.0 (1-1)	1.0 (1-3)
median (range)	` ,	, ,	(/	1.0 (1.0)	(1)	` ,
Prior BTK inhibitor, n (%) ^b	1 (25)	1 (11)	1 (17)	3 (14)	1 (17)	7 (15)
Prior BTK inhibitor duration,	86.6	1.6	18.5	38.1	24.0	34.2
median (range), months	(86.6-86.6)	(1.6-1.6)	(18.5-18.5)	(34.2-49.1)	(24.0-24.0)	(1.6-86.6)



TEAE Summary

- No DLTs occurred and MTD was not reached; the sonrotoclax 320 mg + zanubrutinib cohort was expanded as RP2D
- Sonrotoclax in combination with zanubrutinib was well tolerated, with low rates of treatment discontinuation and dose reductions; no deaths were observed

Patients, n (%)	Sonro 40 mg + Zanu (n=4)	Sonro 80 mg + Zanu (n=9)	Sonro 160 mg + Zanu (n=6)	Sonro 320 mg + Zanu (n=22)	Sonro 640 mg + Zanu (n=6)	AII (N=47)
Any TEAEs	4 (100)	9 (100)	6 (100)	22 (100)	5 (83)	46 (98)
Grade ≥3	1 (25)	7 (78)	3 (50)	18 (82)	3 (50)	32 (68)
Serious TEAEs	1 (25)	3 (33)	3 (50)	11 (50)	3 (50)	21 (45)
Led to zanu discontinuation	0	1 (11) ^a	0	2 (9) ^b	1 (17) ^c	4 (8)
Led to zanu dose reduction	0	1 (11) ^d	0	2 (9) ^e	1 (17) ^f	4 (8)
Treated with sonro, n (%)	4 (100)	9 (100)	6 (100)	22 (100)	6 (100)	47 (100)
Led to sonro discontinuation	0	0	0	2 (9) ^b	1 (17) ^c	3 (6)
Led to sonro dose reduction	0	0	0	1 (4) ⁹	1 (17) ^f	2 (4)



TEAEs Observed With Sonrotoclax + Zanubrutinib Were Mostly Low Grade and Transient

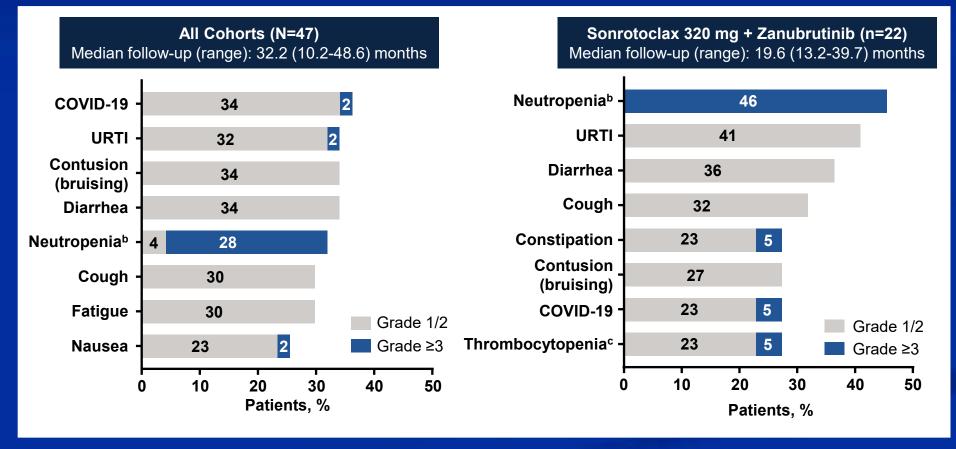
Toxicities were comparable across all

 No TLS or febrile neutropenia

dose levels

 No dose reductions occurred due to diarrhea

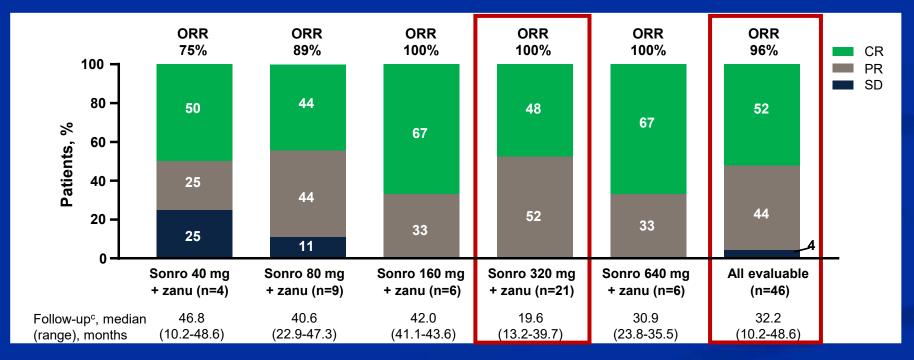
TEAEs in ≥25% of all patients and those treated at sonrotoclax RP2D of 320 mg^a





Sonrotoclax + Zanubrutinib Achieved High Response Rates Across All Dose Levels

- With a median study follow-up of 32.2 months, the ORR was 96%, with a 52% CR/CRi rate across all doses^{a,b}
 - In the 320-mg cohort, the ORR was 100%, with a 48% CR/CRi rate
- The median time to CR or CRi was 10.3 months (range, 5.3-42.4 months)
 - In the 320-mg cohort, the median time to CR was 8.5 months (range, 5.3-22.8 months)
- Of 7 evaluable patients with prior BTK inhibitor therapy, 5 achieved PR and 1 achieved CR



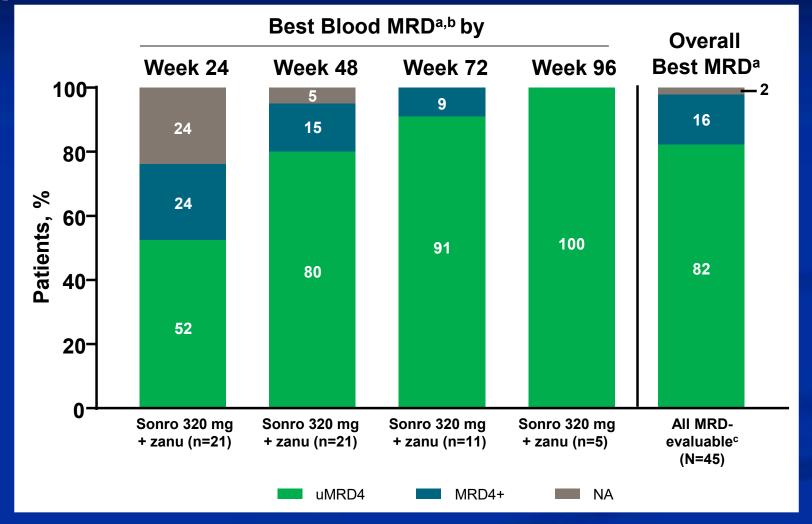
^aResponses were assessed per 2008 iwCLL criteria and percentage of response is based on number of patients who had ≥1 post-baseline tumor assessment after sonrotoclax dosing. ^bORR = PR-L or better. ^cFor all patients as treated (n=47).



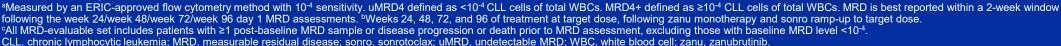


Sonrotoclax + Zanubrutinib Demonstrated Early and High uMRD4 Rates, Which Deepened Over Time

- Of 45 MRD-evaluable patients, 37 (82%) achieved uMRD4 at the time of data cutoff
- All patients in the 160-mg, 320-mg, and 640-mg cohorts who reached week 96 achieved uMRD4
- In the 320-mg cohort,
 4/6 patients with del(17p)
 or TP53 mutation had
 uMRD4 by week 48



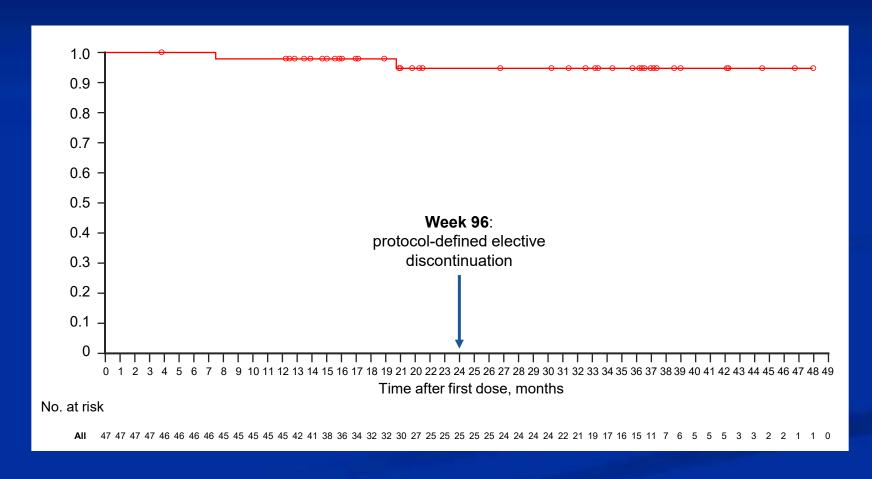






Substantial PFS Rate is Observed Across All Dose Levels and Risk Factors

- Thirteen patients electively discontinued treatment after at least 96 weeks of therapy; as of the data cutoff date, all were in remission and had a median time of 4.5 months off treatment (range,1.8-12.3 months)
- With median study follow-up time of 32.2 months, only 2 PFS events occurred on study:
 - 40 mg: del(17)p+
 - 320 mg: del(17)p+
- The 30-month PFS rate was 94.7% (95% CI, 79.9%-98.7%; median follow-up, 30.5 months)





With Longer Follow-Up, Sonrotoclax + Zanubrutinib Continued to Demonstrate Compelling Safety and Efficacy in R/R CLL/SLL

- Sonrotoclax + zanubrutinib combination treatment had a tolerable safety profile in patients with R/R CLL/SLL at all dose levels tested up to 640 mg
 - No TLS (laboratory or clinical) was observed
 - The most commonly reported TEAE was neutropenia, which was mostly transitory, with no cases of febrile neutropenia, and did not require sonrotoclax dose reductions
- With a median follow-up of 32 months, substantial efficacy was observed in this R/R CLL/SLL population, including patients with high-risk features
 - The combination of sonrotoclax + zanubrutinib demonstrated a high response rate, including 100% ORR, with a CR/CRi rate of 48% at 320 mg
 - High and early blood uMRD4 was seen by Week 24 of combination therapy, and deepened overtime
 - Thirteen patients electively discontinued treatment and continue to remain in remission as of the data cutoff date
- These preliminary data highlight the potential for all-oral, time-limited therapy with sonrotoclax + zanubrutinib in patients with R/R CLL to drive meaningful disease control, regardless of del(17p) and/or TP53 mutation status

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