

con il patrocinio di



SIE
Società Italiana
di Ematologia

La rivoluzione terapeutica nel **linfoma** e nel **mieloma**

Napoli, Hotel Royal Continental • 14-15 Maggio 2026



La terapia di I linea attuale e uno
sguardo al futuro prossimo

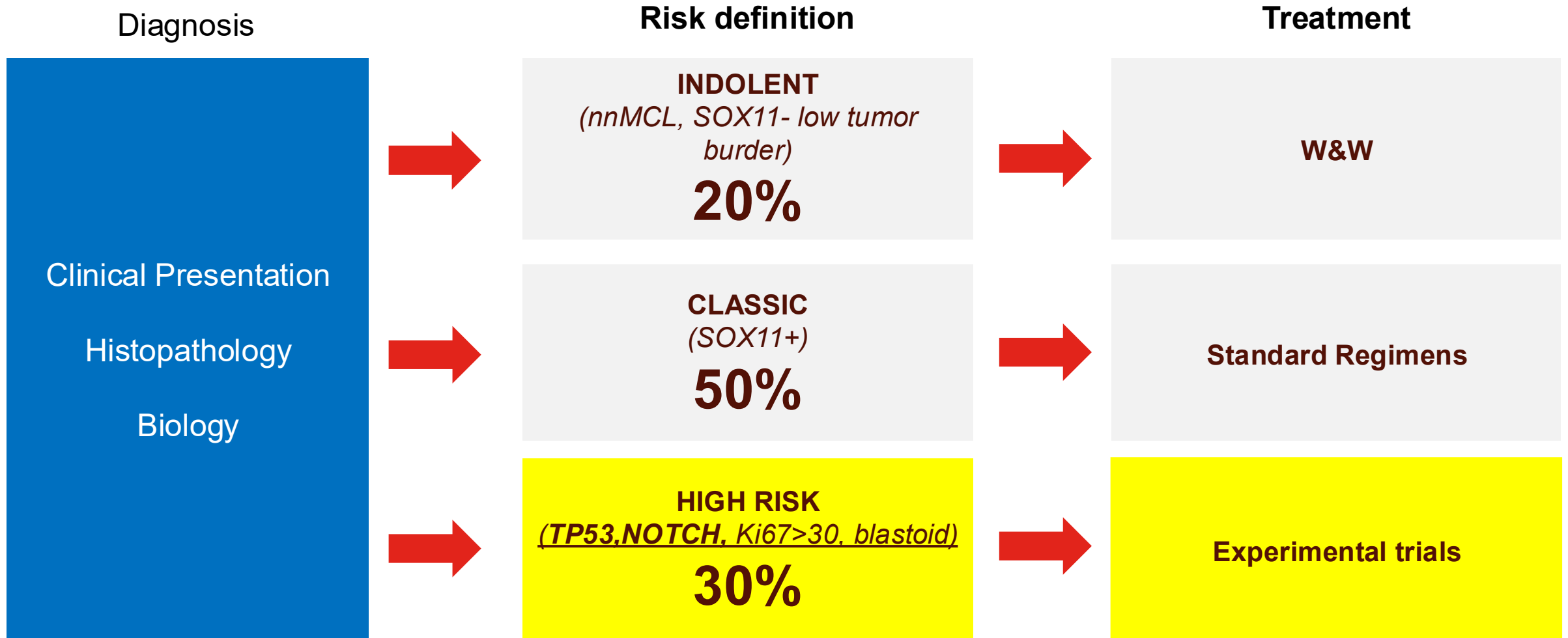
Maurizio Martelli
Ematologia

Università Sapienza/ Policlinico Umberto1 Roma

Disclosure: Maurizio Martelli

Company name	Research support	Employee	Consultant	Stockholder	Speakers bureau	Advisory board	Other
Roche					X	X	
Gilead					X	X	
Novartis						X	
Takeda						X	
Eusapharma					X	X	
Incyte					X	X	
Janssen	X				X	X	
BMS						X	
Beigene					X	X	
Alexion	X						

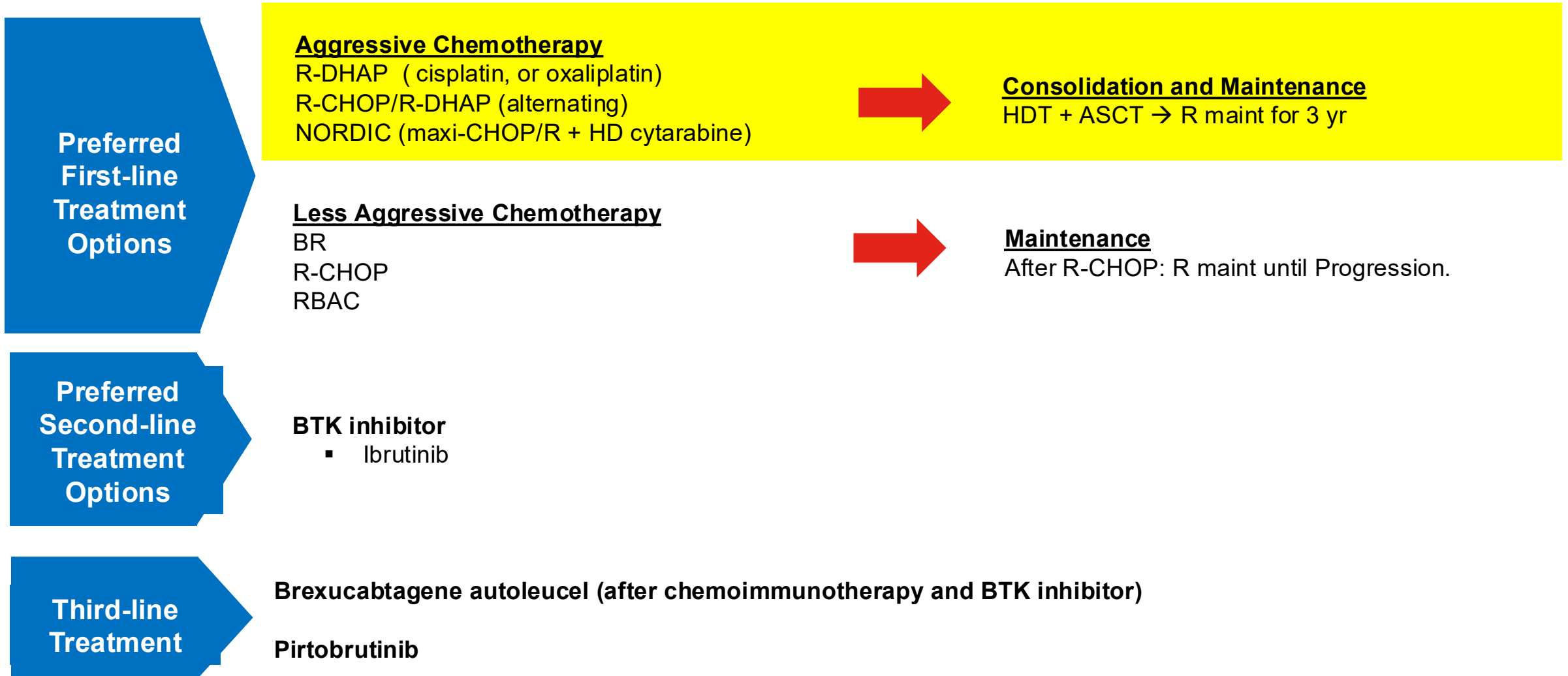
New therapeutic approach in MCL



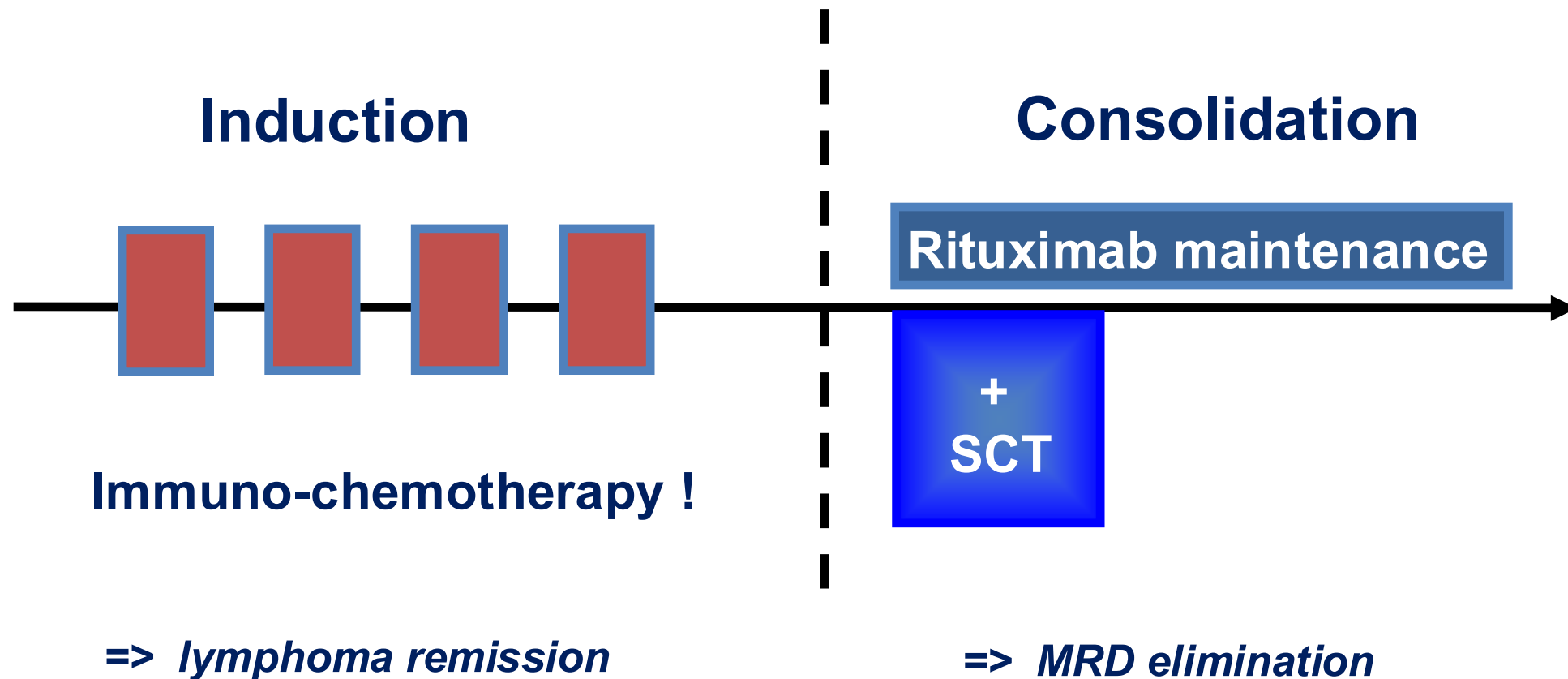
High risk features distribution

	Young (MCL-0208)	Nordic (MCL2-3)	Elderly (VR-BAC)
All patients	190	183	140
Ki67>30%	50 (28%)	68 (43%)	34 (24%)
TP53 mut	15 (8%)	20 (11%)	28 (20%)
TP53 del	25 (13%)	29 (16%)	19 (14%)
TP53 mut/del	31 (17%)	37 (20%)	34 (24%)
Blastoid	16 (8%)	31 (17%)	13 (9%)

Old Treatment in Mantle Cell Lymphoma



Front line therapy in Mantle Cell Lymphoma

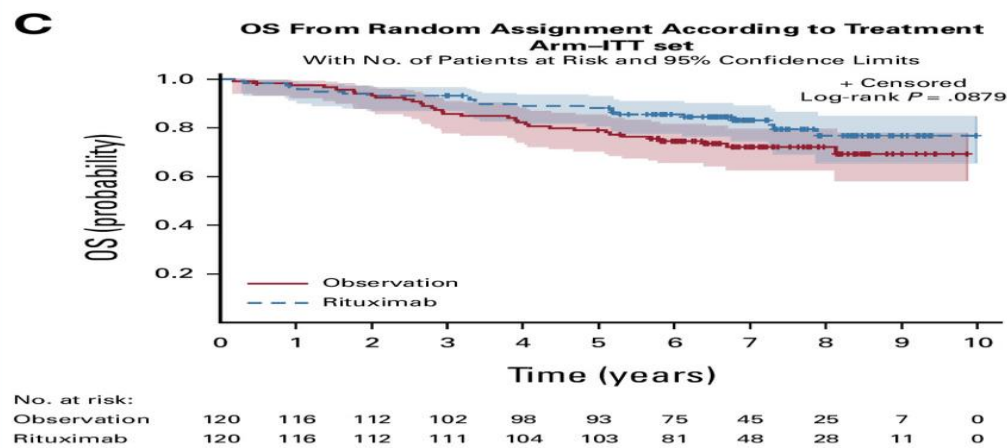
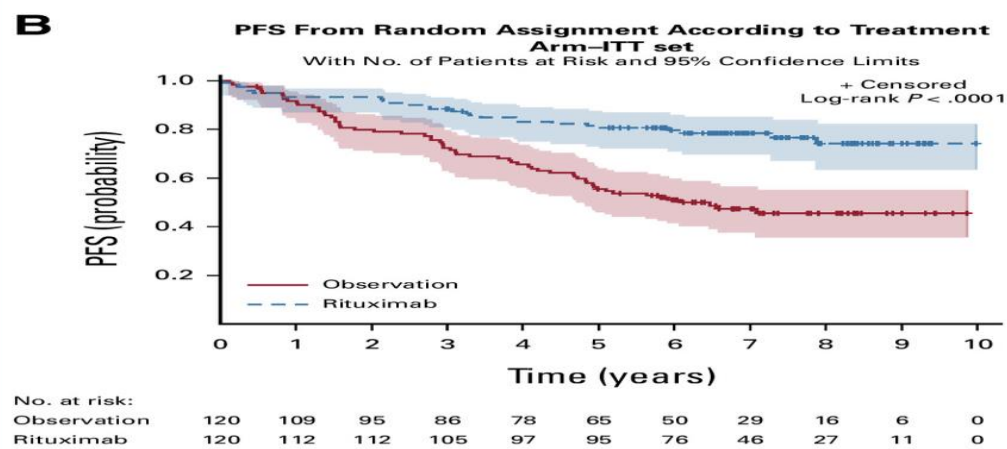
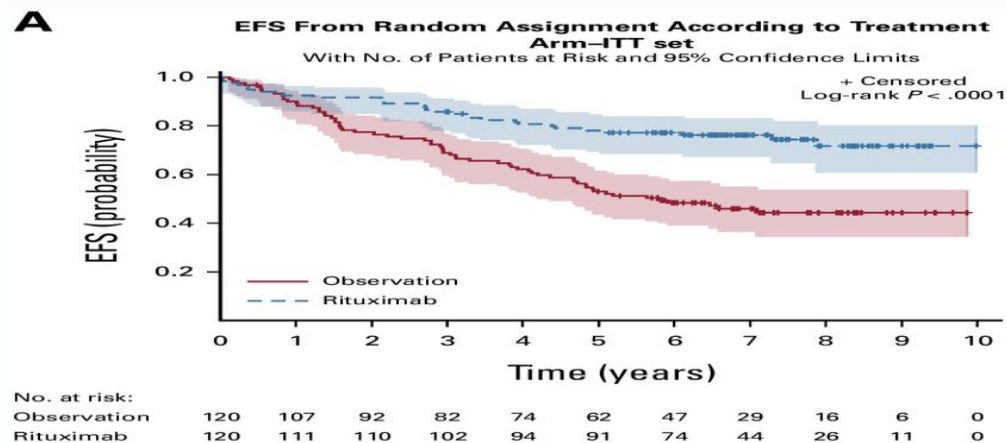
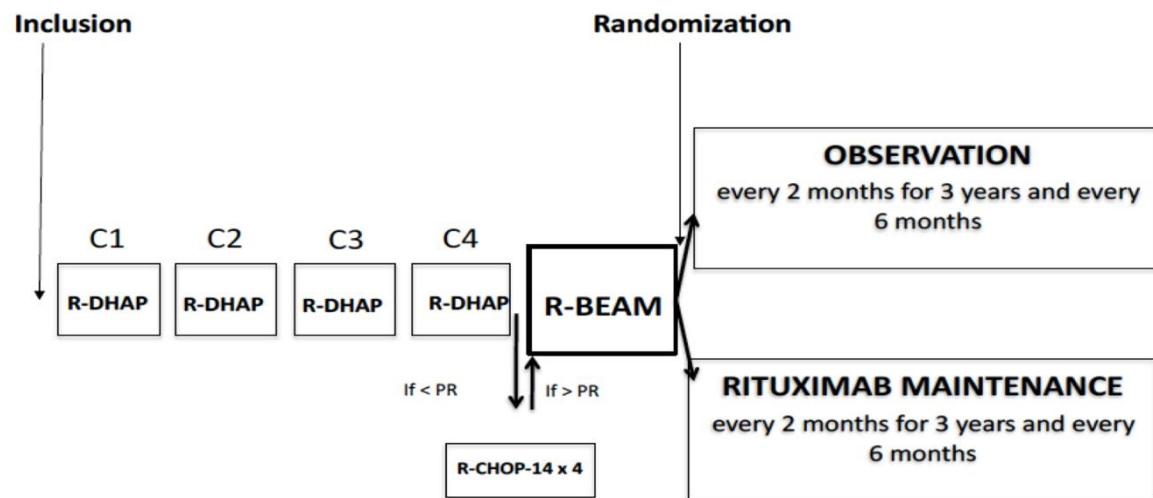


Long-Term Follow-Up of Rituximab Maintenance in Young Patients With Mantle-Cell Lymphoma Included in the LYMA Trial: A LYSA Study

Authors: Clémentine Sarkozy, MD, PhD ¹, Catherine Thieblemont, MD, PhD ¹, Lucie Oberic, MD, Anne Moreau, MD, Krime Bouabdallah, MD, Gandhi

Damaj, MD, PhD ¹, Thomas Gastinne, MD, ... [SHOW ALL ...](#), and Steven Le Gouill, MD, PhD ¹ ✉️ | [AUTHORS INFO & AFFILIATIONS](#)

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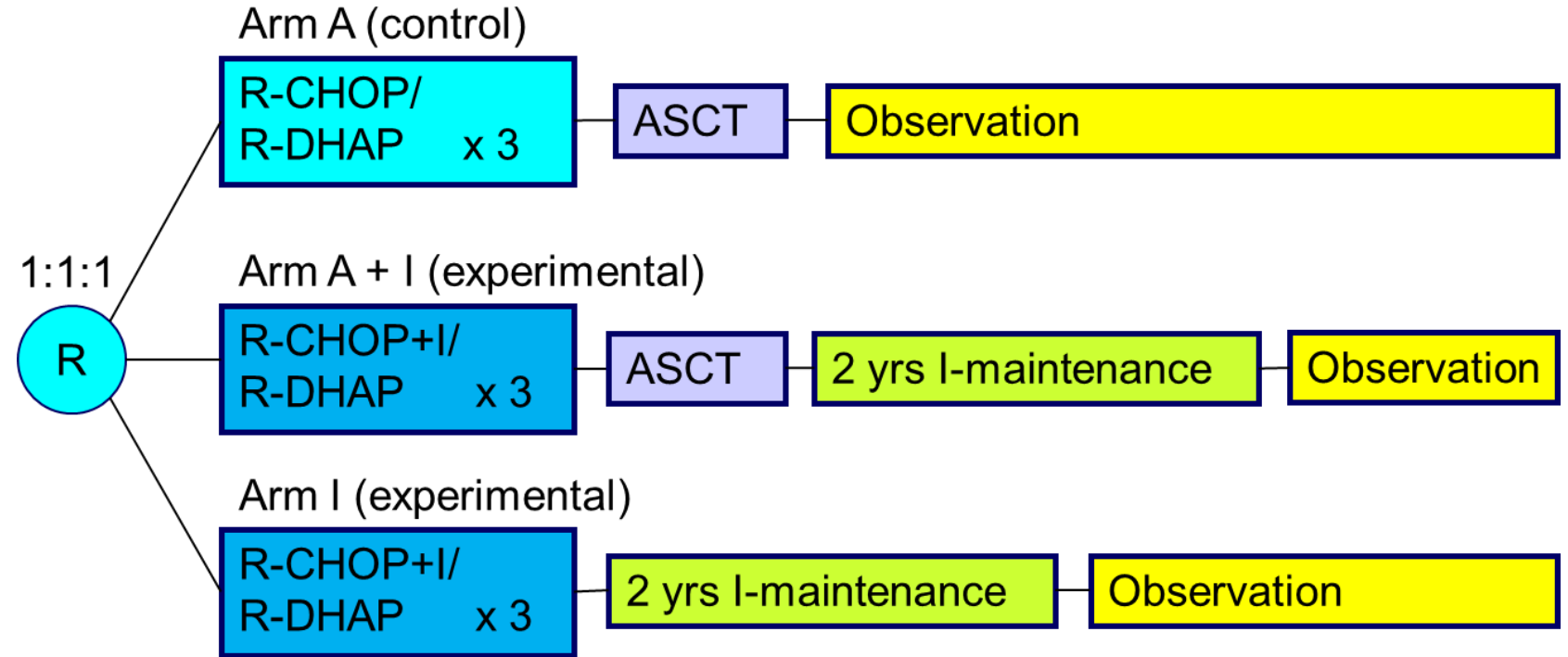
TRIANGLE: Trial Design



- MCL patients
- previously untreated
- stage II-IV
- younger than 66 years
- suitable for HA and ASCT
- ECOG 0-2

- Primary outcome: FFS

- Secondary outcomes:
 - Response rates
 - PFS, RD
 - OS
 - Safety



- **R maintenance was added following national guidelines in all 3 trial arms**
- Rituximab maintenance (without or with Ibrutinib) was started in 168 (58 %)/165 (57 %)/158 (54 %) of A/A+I/I randomized patients.

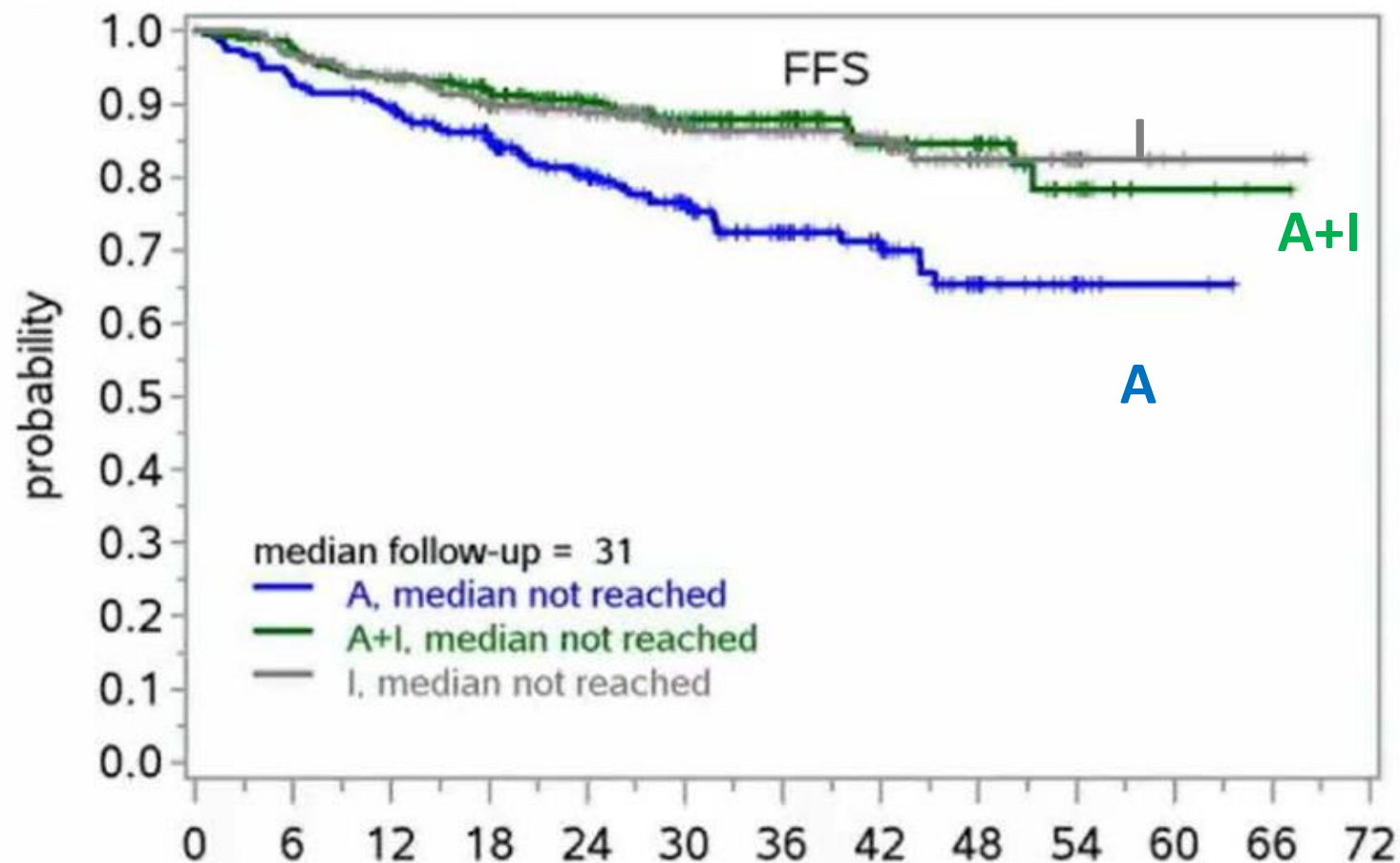


TRIANGLE: Response at End of Induction

	Overall	A	A+I/I	A+I	I
ED	2 (0.2%)	1 (0.4%)	1 (0.2%)	1 (0.4%)	0 (0%)
PD	17 (2%)	11 (4%)	6 (1%)	3 (1%)	3 (1%)
SD	7 (1%)	4 (1%)	3 (0.5%)	1 (0.4%)	2 (0.7%)
PR	458 (55%)	158 (58%)	300 (54%)	152 (54%)	148 (53%)
CR	347 (42%)	98 (36%)	249 (45%)	124 (44%)	125 (45%)
CR+PR	805 (97%)	256 (94%)	549 (98%)	276 (98%)	273 (98%)
Total	831	272	559	281	278
NE	29	11	18	8	10
ND	10	5	5	3	2



TRIANGLE: FFS Superiority of A+I vs. I ?



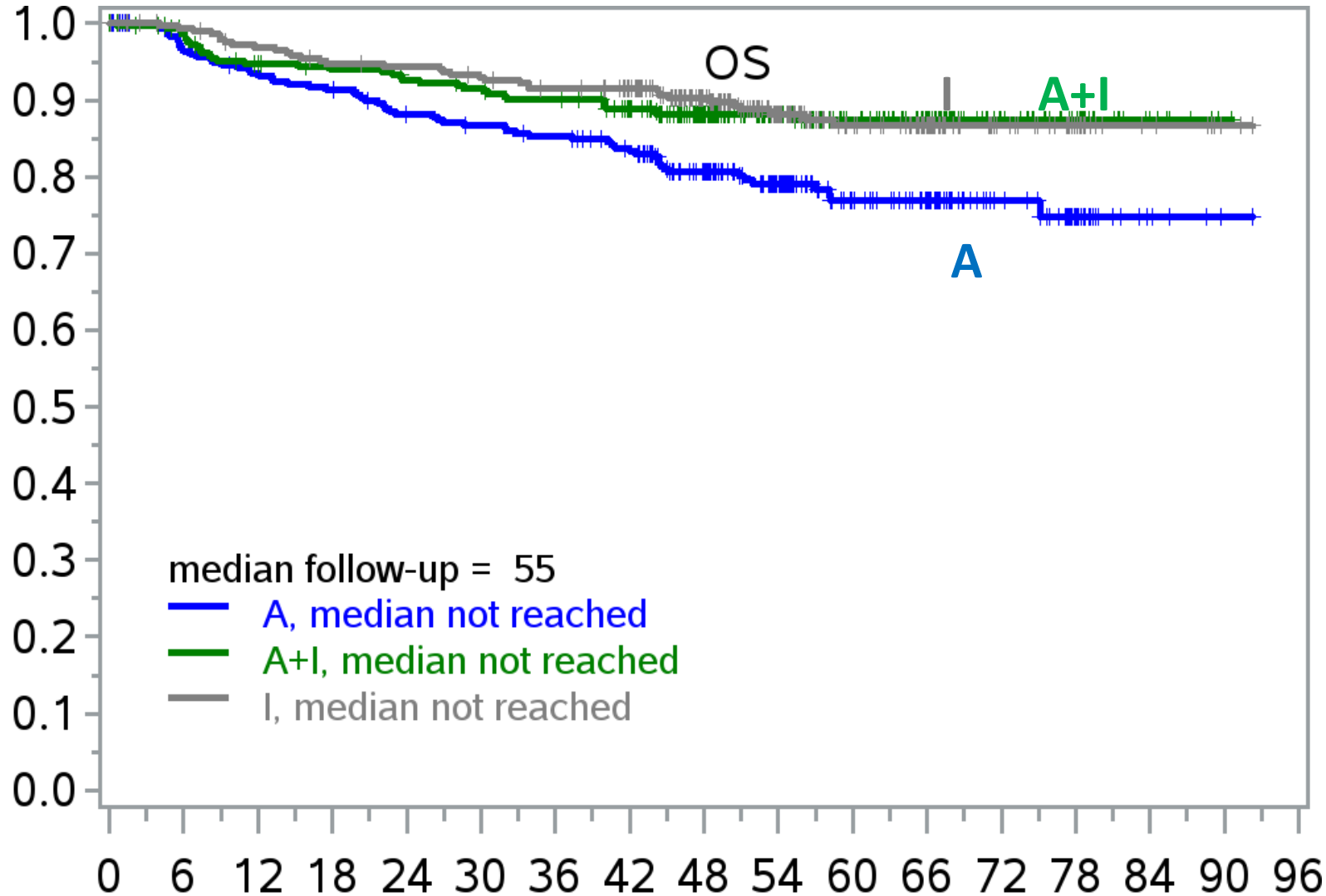
▪ Test A+I vs. I ongoing, no decision yet

Next lymphoma treatment (among patients with first treatment failure)	A (n=68)		A+I (n=35)		I (n=37)	
Treatment with Ibrutinib	34	79%	4	24%	3	11%
Treatment without Ibrutinib	9	21%	13	76%	24	89%
No treatment	25		18		10	

Numbers At Risk	months from randomisation												
	0	6	12	18	24	30	36	42	48	54	60	66	72
A	288	252	237	206	162	126	85	54	27	12	2	0	
A+I	292	270	253	226	184	137	109	65	40	17	3	1	
I	290	269	257	229	180	133	100	68	34	16	4	3	



TRIANGLE: Overall survival

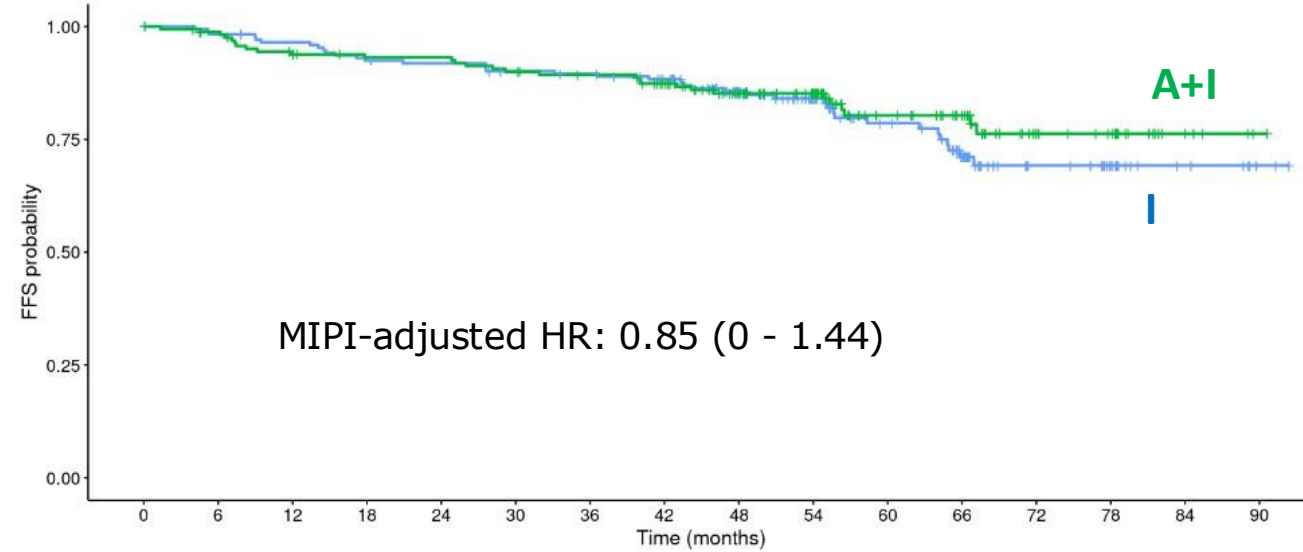


- 4-year OS:
 - A: 81% (MCL Younger exp.: 80%)
 - A+I: 88%
 - I: 90%
- two-sided test, ($\alpha = 5\%$):
 - A vs. I: $p=0.0019$, HR: 0.565
 - A vs. A+I: $p=0.0036$, HR I: 0.587
 - A+I vs. I: ongoing



TRIANGLE: A+I vs. I (FFS) and p53 high expression

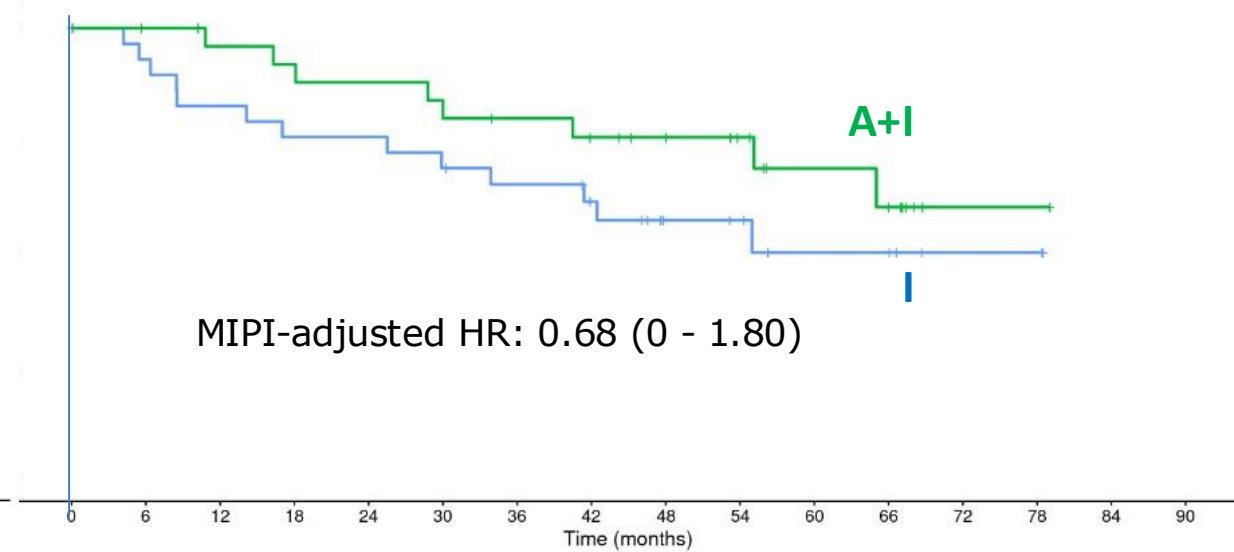
P53 low



Number at risk (number censored)

Time (months)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
I	175 (0)	170 (2)	166 (3)	159 (3)	157 (4)	152 (6)	150 (7)	141 (14)	113 (38)	90 (59)	67 (77)	49 (89)	25 (112)	16 (121)	7 (130)	2 (135)
A+I	167 (0)	160 (5)	150 (7)	146 (10)	146 (10)	141 (10)	137 (13)	128 (19)	107 (37)	87 (57)	57 (83)	47 (93)	23 (115)	19 (119)	5 (133)	1 (137)

P53 high



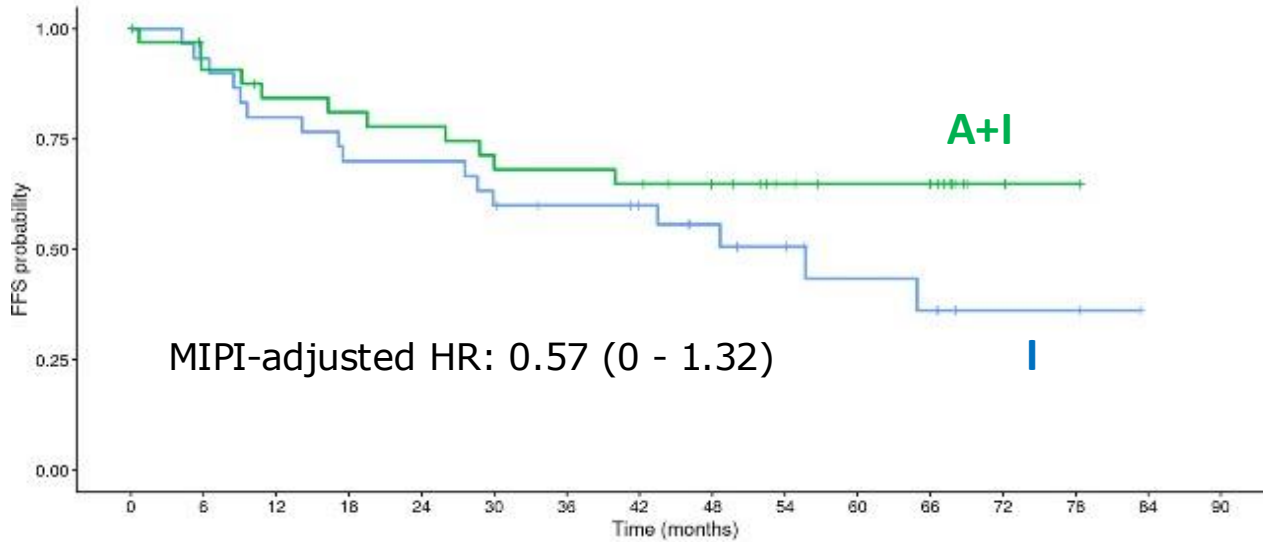
Number at risk (number censored)

Time (months)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
I	31 (0)	27 (2)	24 (2)	22 (2)	22 (2)	20 (2)	18 (3)	15 (5)	10 (9)	9 (10)	6 (12)	6 (12)	2 (16)	2 (16)	0 (18)	0 (18)
A+I	28 (0)	26 (2)	24 (3)	23 (3)	22 (3)	20 (3)	19 (4)	17 (5)	15 (7)	12 (10)	8 (13)	7 (13)	1 (19)	1 (19)	0 (20)	0 (20)



TRIANGLE: A+I vs. I (FFS) Ki-67 (50% cut-off) and cytology blastoid

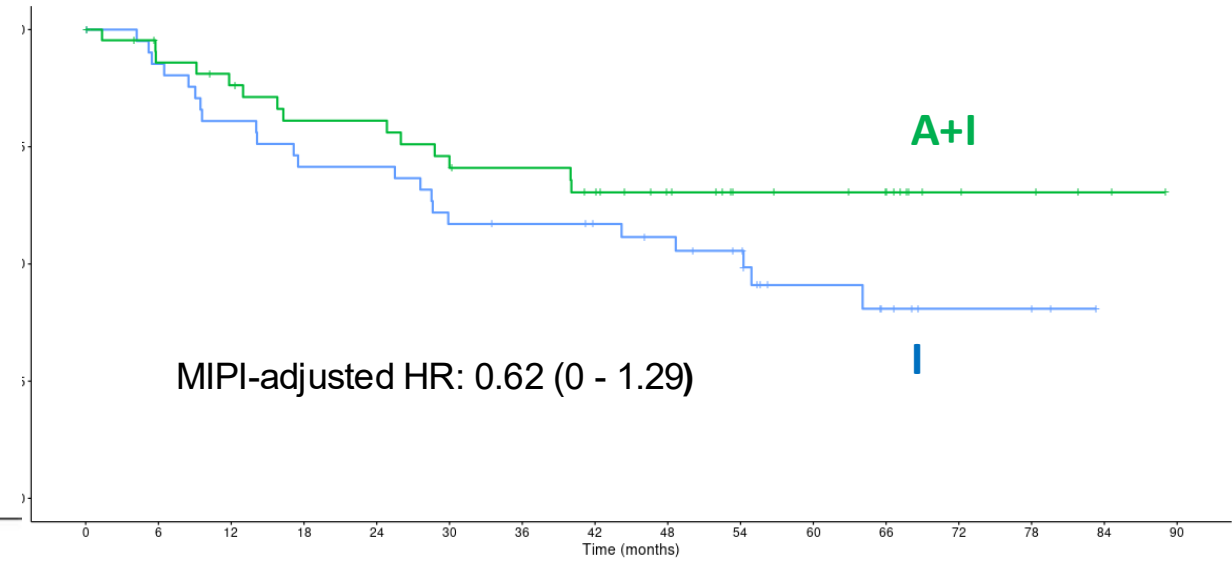
Cytology Blastoid



Number at risk (number censored)

	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
I	31 (0)	28 (1)	24 (1)	21 (1)	21 (1)	18 (1)	16 (3)	14 (5)	11 (7)	9 (8)	6 (10)	5 (10)	2 (13)	2 (13)	0 (15)	0 (15)
A+I	34 (0)	29 (2)	26 (3)	25 (3)	24 (3)	21 (3)	21 (3)	20 (3)	17 (6)	13 (10)	11 (12)	10 (13)	2 (21)	1 (22)	0 (23)	0 (23)

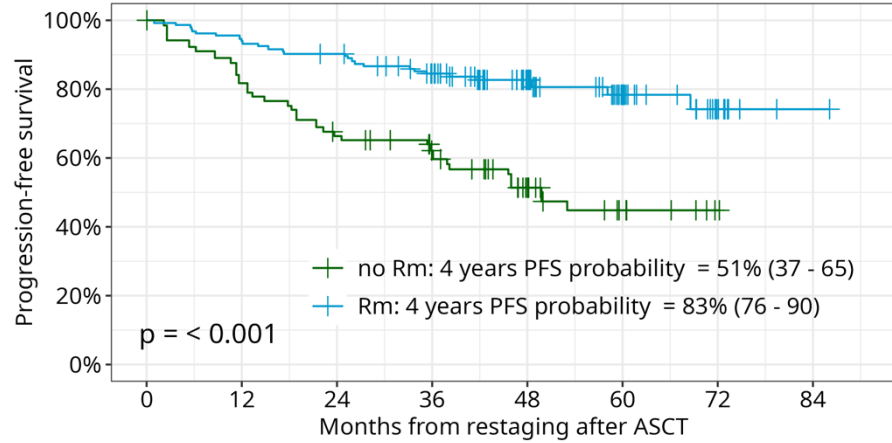
Ki67 > 50%



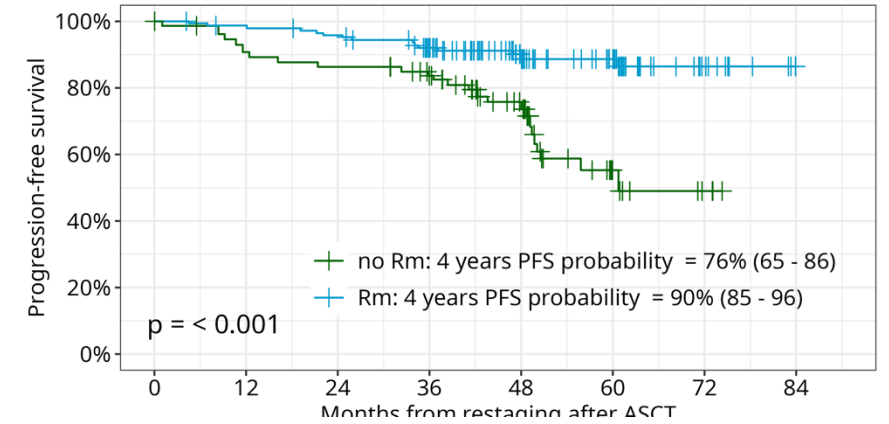
Number at risk (number censored)

	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90
I	42 (0)	38 (1)	33 (1)	29 (1)	29 (1)	24 (1)	23 (2)	21 (4)	19 (5)	16 (7)	9 (12)	6 (14)	3 (17)	2 (18)	0 (20)	0 (20)
A+I	46 (0)	39 (4)	36 (5)	32 (6)	32 (6)	28 (6)	27 (7)	24 (8)	19 (13)	14 (18)	13 (19)	11 (21)	5 (27)	4 (28)	2 (30)	0 (32)

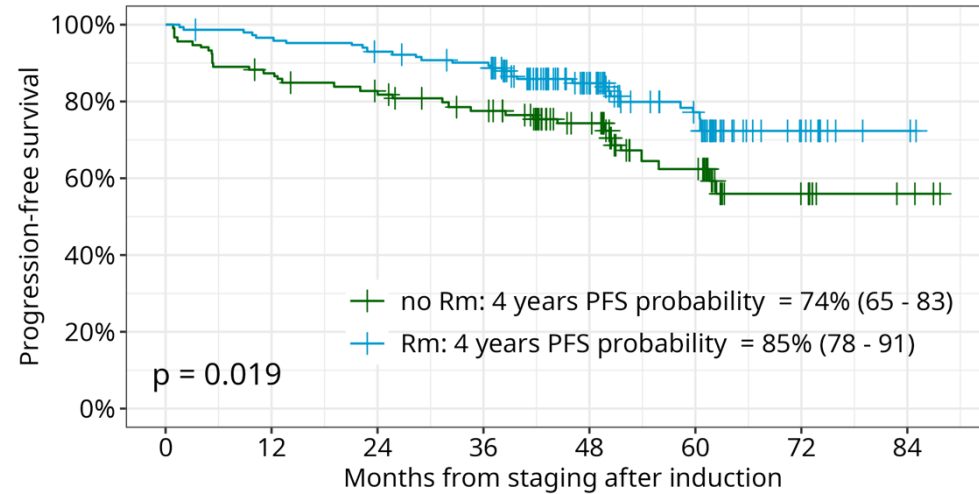
Arm A: PFS



Arm A+I: PFS



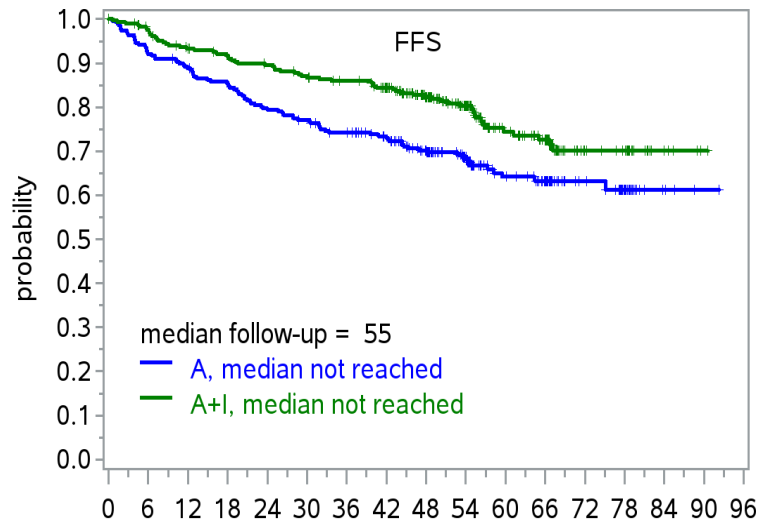
Arm I: PFS





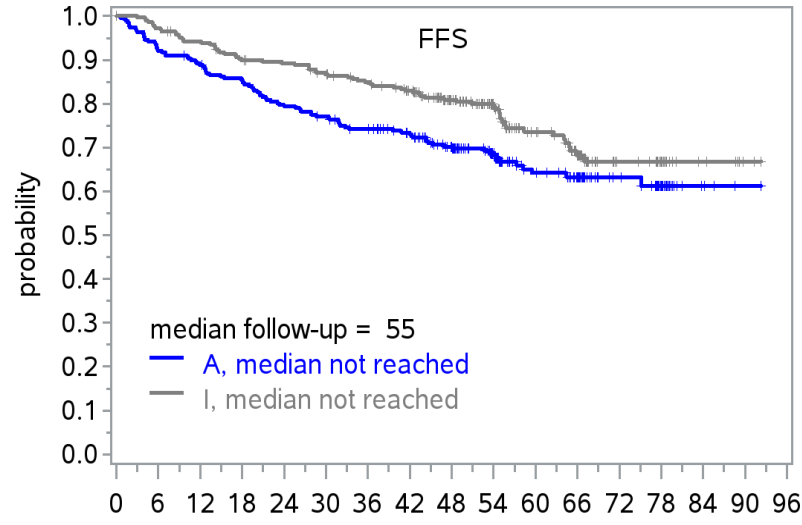
TRIANGLE: update Failure Free Survival

FFS Superiority of A+I vs. A



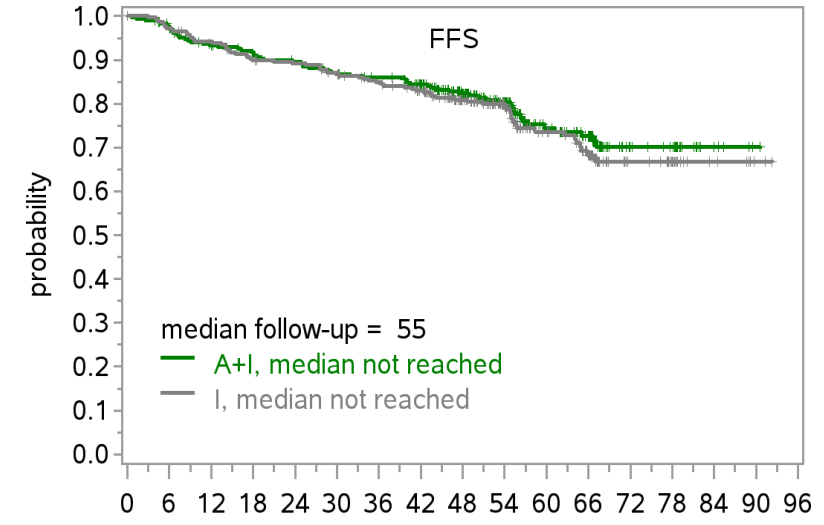
	Numbers At Risk																
	months from randomisation																
A	288	255	245	235	219	211	200	187	158	121	74	57	32	20	4	1	0
A+I	292	274	259	252	245	236	230	217	180	141	89	70	28	24	6	2	0

FFS Superiority of A vs. I



	Numbers At Risk																
	months from randomisation																
A	288	255	245	235	219	211	200	187	158	121	74	57	32	20	4	1	0
I	290	273	263	250	246	237	228	213	167	129	89	67	31	20	7	2	0

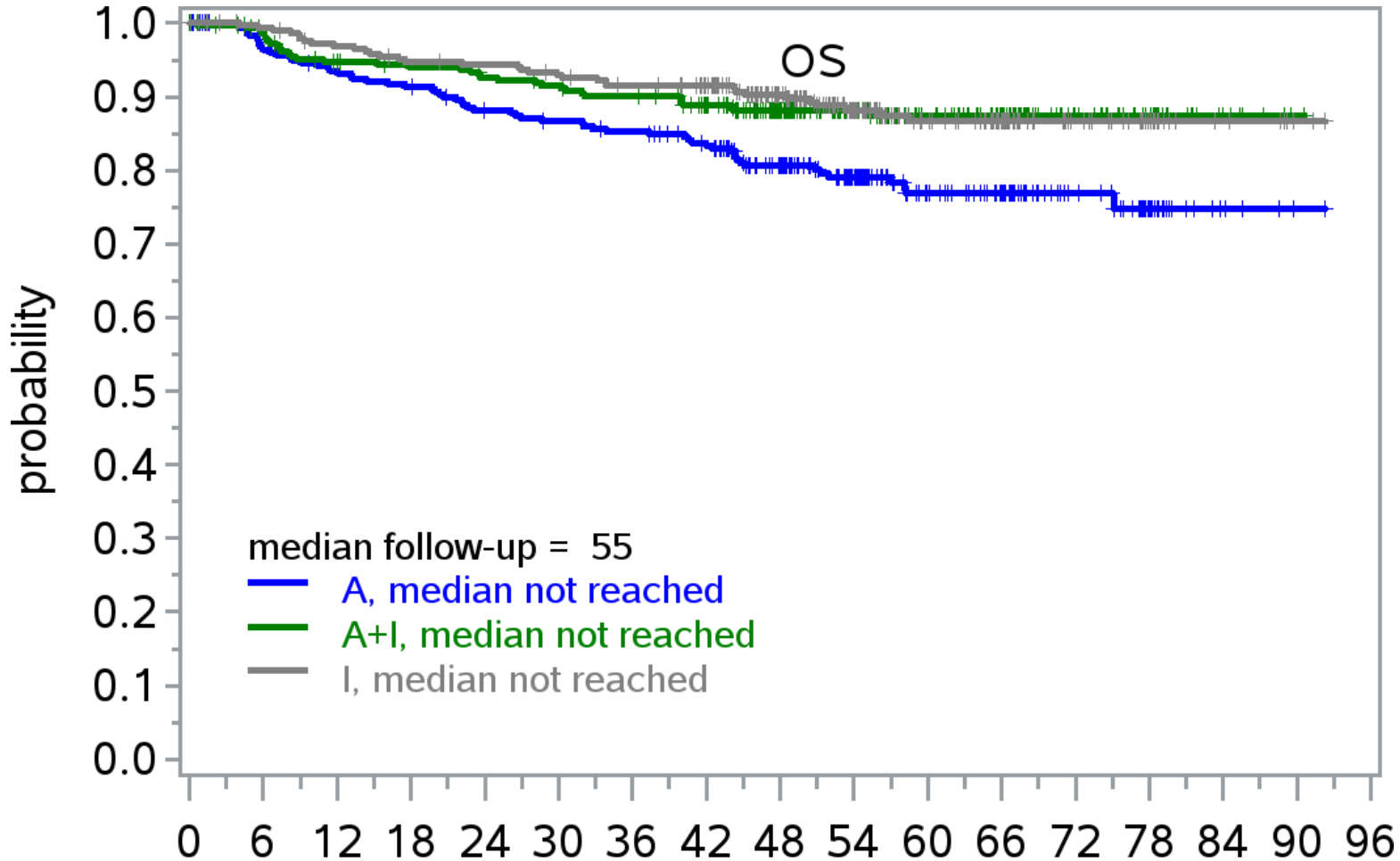
FFS Superiority of A+I vs. I



	Numbers At Risk																
	months from randomisation																
A+I	292	274	259	252	245	236	230	217	180	141	89	70	28	24	6	2	0
I	290	273	263	250	246	237	228	213	167	129	89	67	31	20	7	2	0



TRIANGLE: update Overall survival



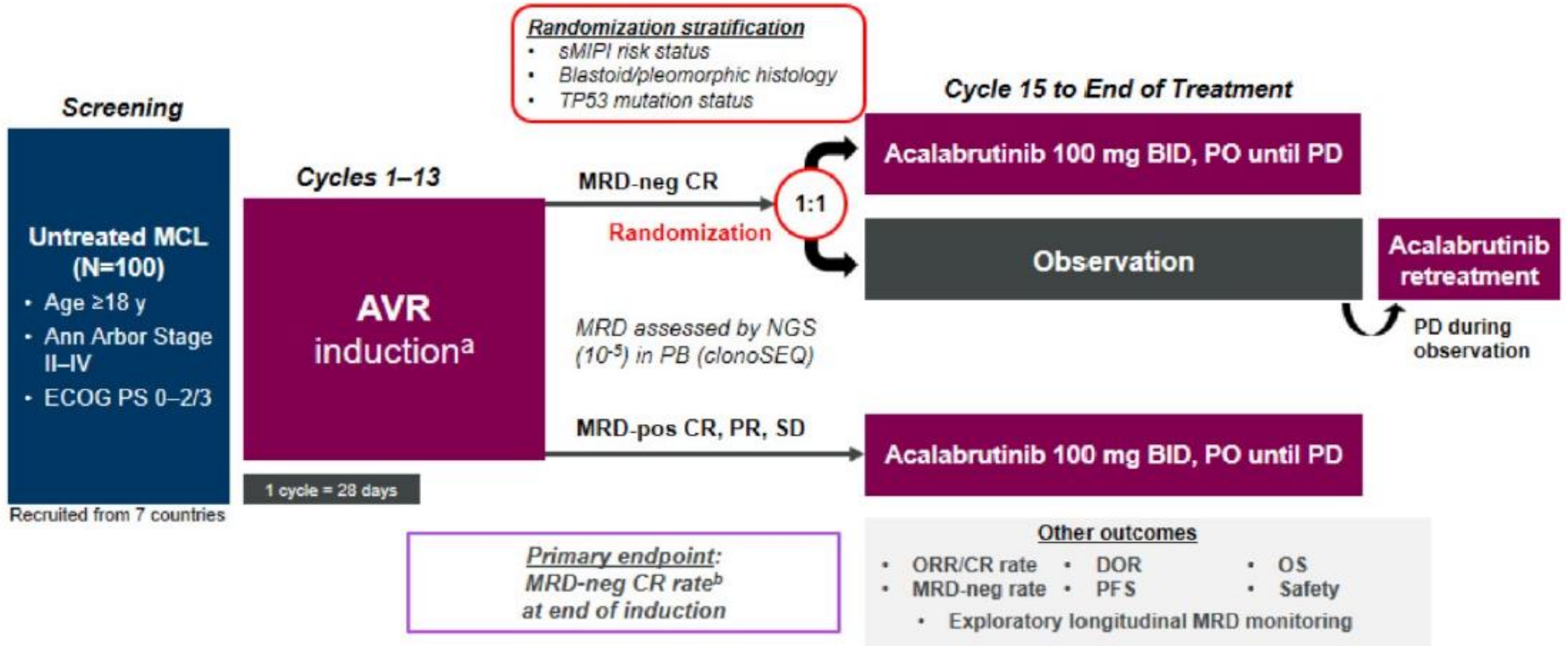
4-year OS:

- A: 81%
(MCL Younger exp.: 80%)
- A+I: 88%
- I: 90%

two-sided test, ($\alpha = 5\%$):

- A vs. I: **p=0.0019, HR: 0.565**
- A vs. A+I: **p=0.0036, HR I: 0.587**
- A+I vs. I: ongoing

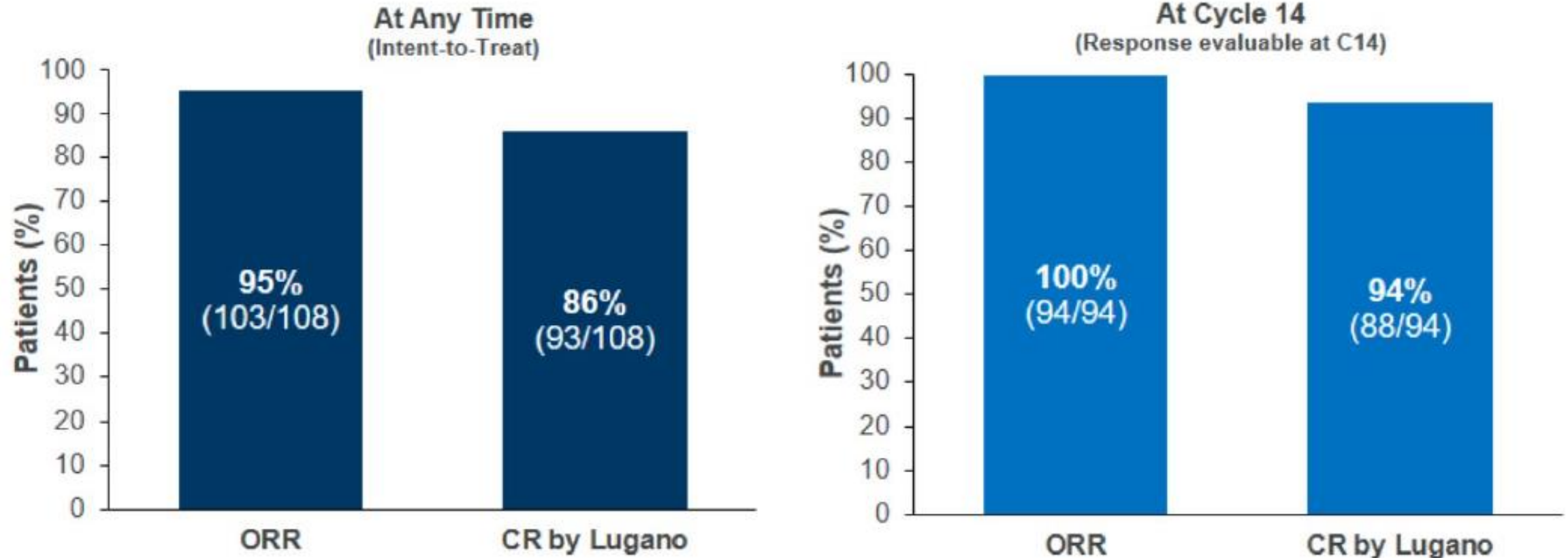
TrAVeRse study design: open label phase 2 trial



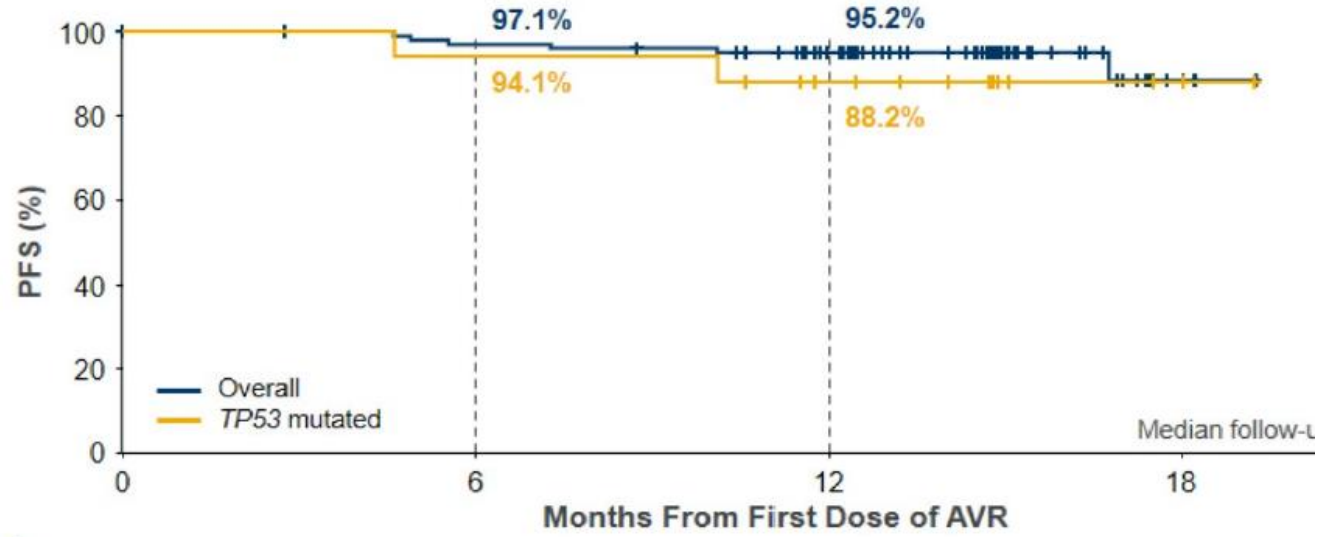
Baseline patients characteristics

Characteristic	AVR (N=108)
Age, median (range), years	69 (40–89)
Age <65 years, n (%)	42 (38.9)
Male, n (%)	80 (74.1)
White, n (%)	94 (87.0)
Ann Arbor stage IV, n (%) ^a	99 (91.7)
Extranodal involvement, n (%)	102 (94.4)
Bone marrow involvement, n (%)	90 (83.3)
Ki-67 ≥30%, n (%)	41 (38.0)
Blastoid/pleomorphic histology, n (%) ^b	9 (8.3)
<i>p53</i> expression by IHC, n (%)	
Positive	34 (31.5)
Negative	68 (63.0)
Missing	6 (5.6)
<i>TP53</i> mutation by NGS, n (%)	
Mutated	17 (15.7)
Unmutated	73 (67.6)
Unknown	18 (16.7)
Simplified MIPI, n (%)	
Low risk (0–3)	30 (27.8)
Intermediate risk (4–5)	45 (41.7)
High risk (≥6)	33 (30.6)

Overall response and complete response rate



Progression free survival



No. at risk

Overall	108	102	90	3
TP53 mutated	17	16	12	2

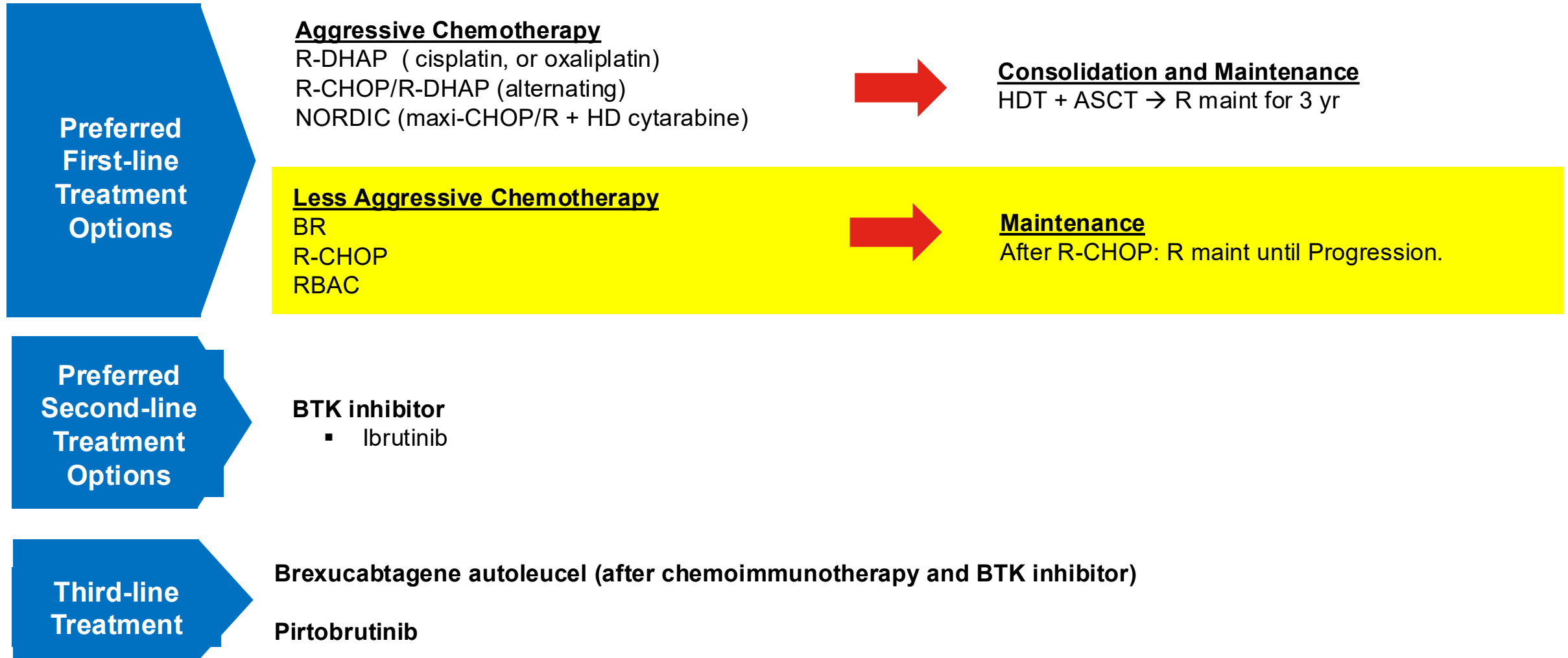
Duration of response



No. at risk

Overall	103	100	46
TP53 mutated	15	15	5

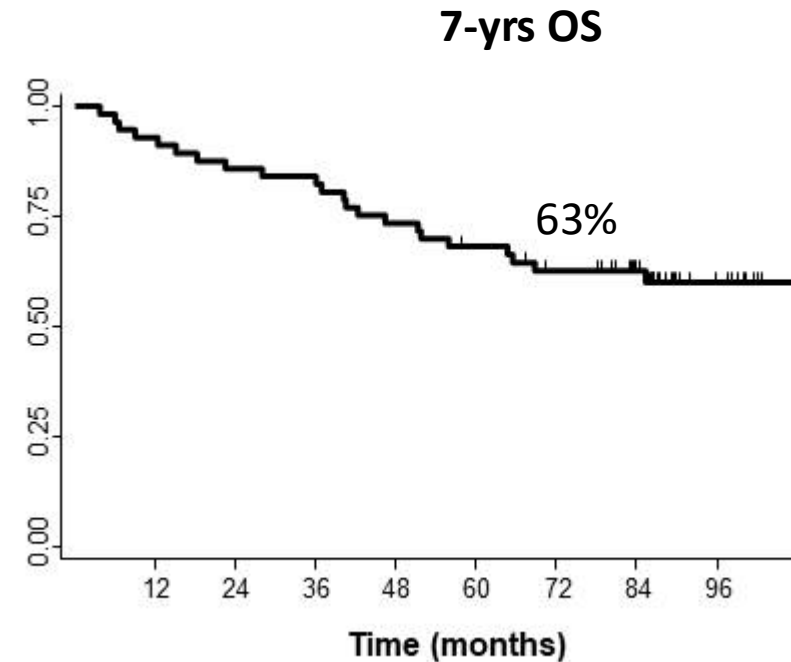
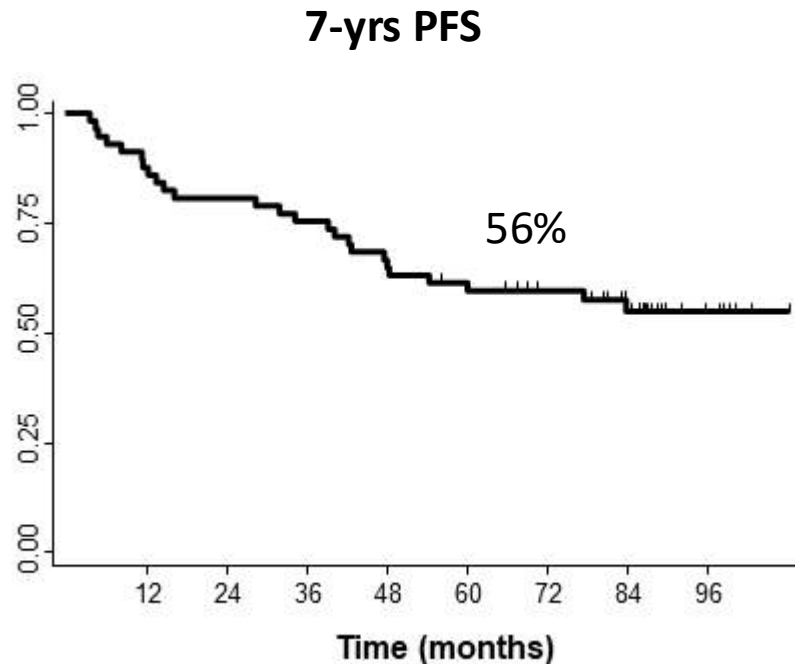
Old Treatment in Mantle Cell Lymphoma



Rituximab Plus Bendamustine and Cytarabine (R-BAC) in Elderly Patients with Newly Diagnosed Mantle Cell Lymphoma: Long Term Follow-up and Mrd Results of a Phase 2 Study from the Fondazione Italiana Linfomi



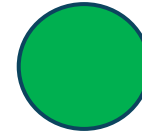
- 7 years of median follow-up (86 months, range 57-107),
- median OS and PFS for all patients were not reached



- Adverse predictive factors affecting PFS were blastoid morphology ($p < 0.05$), elevated Ki67 $\geq 30\%$ ($p < 0.05$), and failure to achieve CR after 2 cycles ($p = 0.03$).

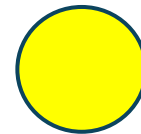
Trials of relevance for an elderly population

- ❖ SHINE trial: BR + ibrutinib until PD
- ❖ ECHO: BR + acalabrutinib until PD
- ❖ ENRICH: Ibrutinib-R vs. BR/R-CHOP
- ❖ VR-BAC: venetoclax consolidation after R-BAC



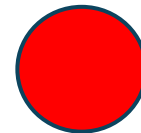
PUBLISHED RESULTS

- ❖ MANGROVE: Zanubrutinib-R vs. BR
- ❖ BOVen study : Zanubrutinib, Obino ,Ven



PENDING RESULTS

- ❖ VIRAL: VR+ibrutinib vs V+R-benda+ibrutinib

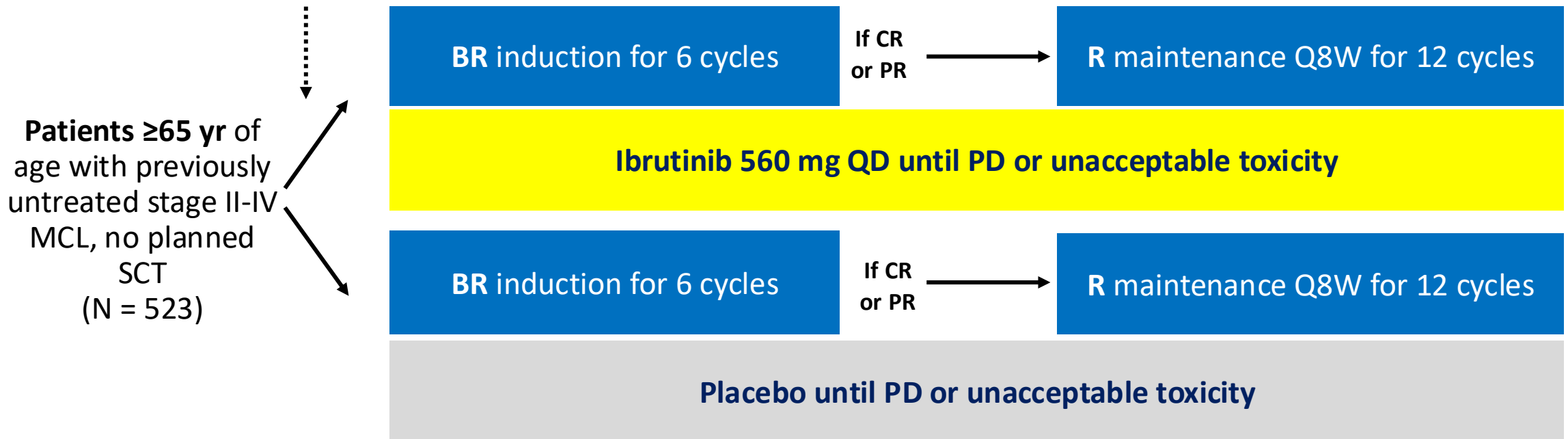


ONGOING TRIAL

SHINE: A Randomized, Double-Blind, Phase 3 Study

- Multicenter, randomized, double-blind, placebo-controlled phase III trial

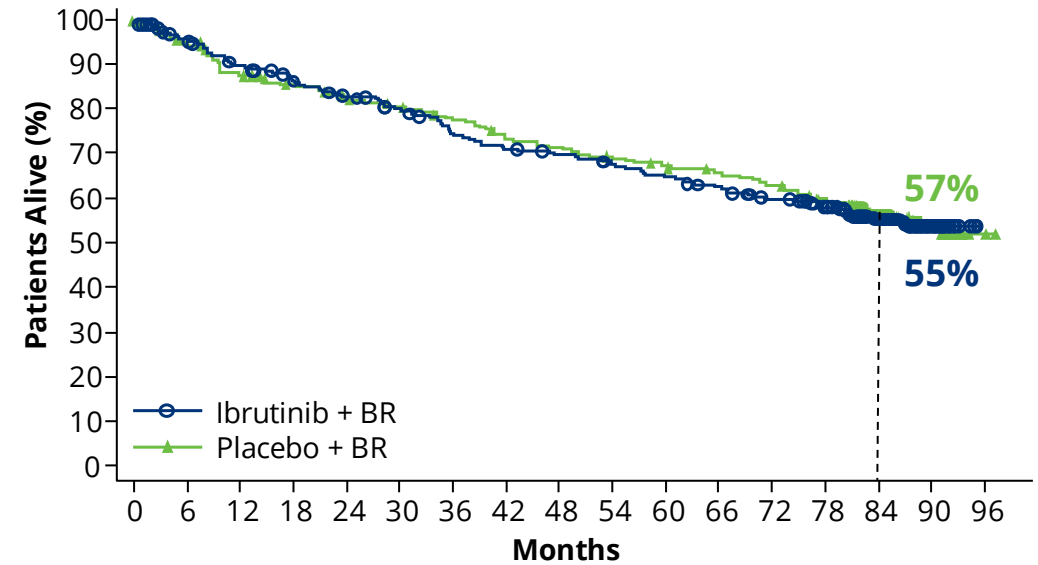
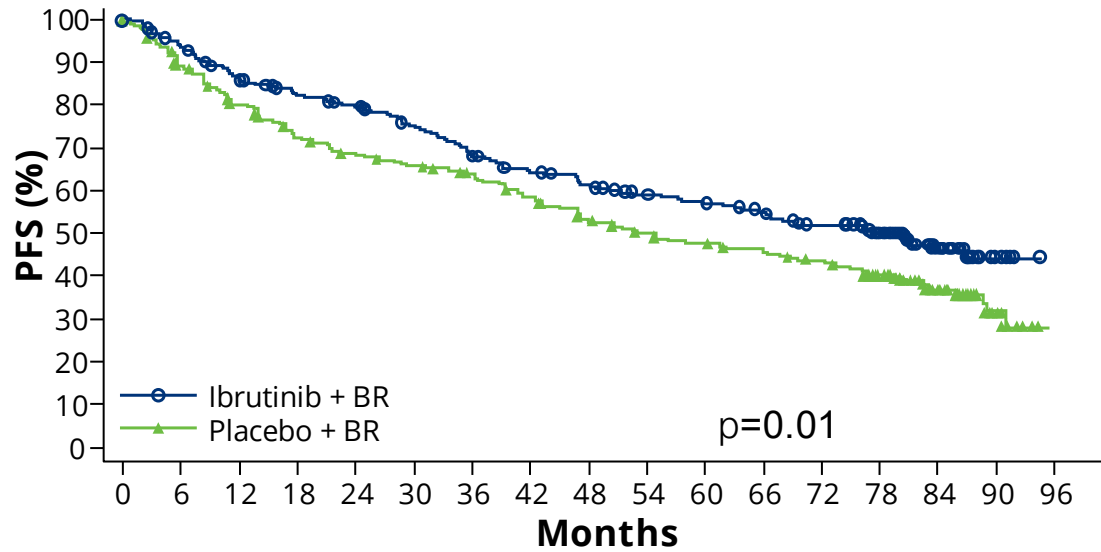
*Stratification by: MIPI score
(low vs intermediate vs high)*



- **Primary endpoint:** investigator-assessed PFS (in ITT)
- **Key secondary endpoints:** ORR, time to next treatment, OS, safety

SHINE: A Randomized, Double-Blind, Phase 3 Study

Median PFS 6.7 vs 4.4 years



Patients at Risk

Ibrutinib + BR	261	228	207	191	182	167	152	139	130	120	115	106	95	78	39	11	0
Placebo + BR	262	226	199	177	166	158	148	135	119	109	103	98	90	78	41	11	0

Patients at Risk

Ibrutinib + BR	261	239	221	208	197	187	171	163	158	152	145	138	128	118	70	25	0
Placebo + BR	262	244	223	212	203	197	188	177	171	165	159	154	147	137	90	31	2

ECHO: study Design

ECHO: multicenter, double-blind, placebo-controlled, Ph 3 trial

Untreated MCL (N=598)

- Age ≥ 65 years
- ECOG PS ≤ 2

Stratification

- sMIPI score: Low vs intermediate vs high
- Geographic region: North America vs Western Europe vs other

Enrollment: Apr 2017–Mar 2023
Sites: 195 globally

1:1

R
A
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M
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Z
E

Bendamustine^a
Rituximab^b
x 6 cycles

if \geq PR

Maintenance Rituximab
(every 2 cycles x 2 years)

Bendamustine^a
Rituximab^b
x 6 cycles

if \geq PR

Maintenance Rituximab
(every 2 cycles x 2 years)

Acalabrutinib 100 mg BID, PO until PD or toxicity

Placebo BID, PO until PD or toxicity

1 cycle = 28 days

Primary endpoint:

- PFS (Independent Review Committee)

Key secondary endpoints:

- ORR (Independent Review Committee)
- OS

Safety

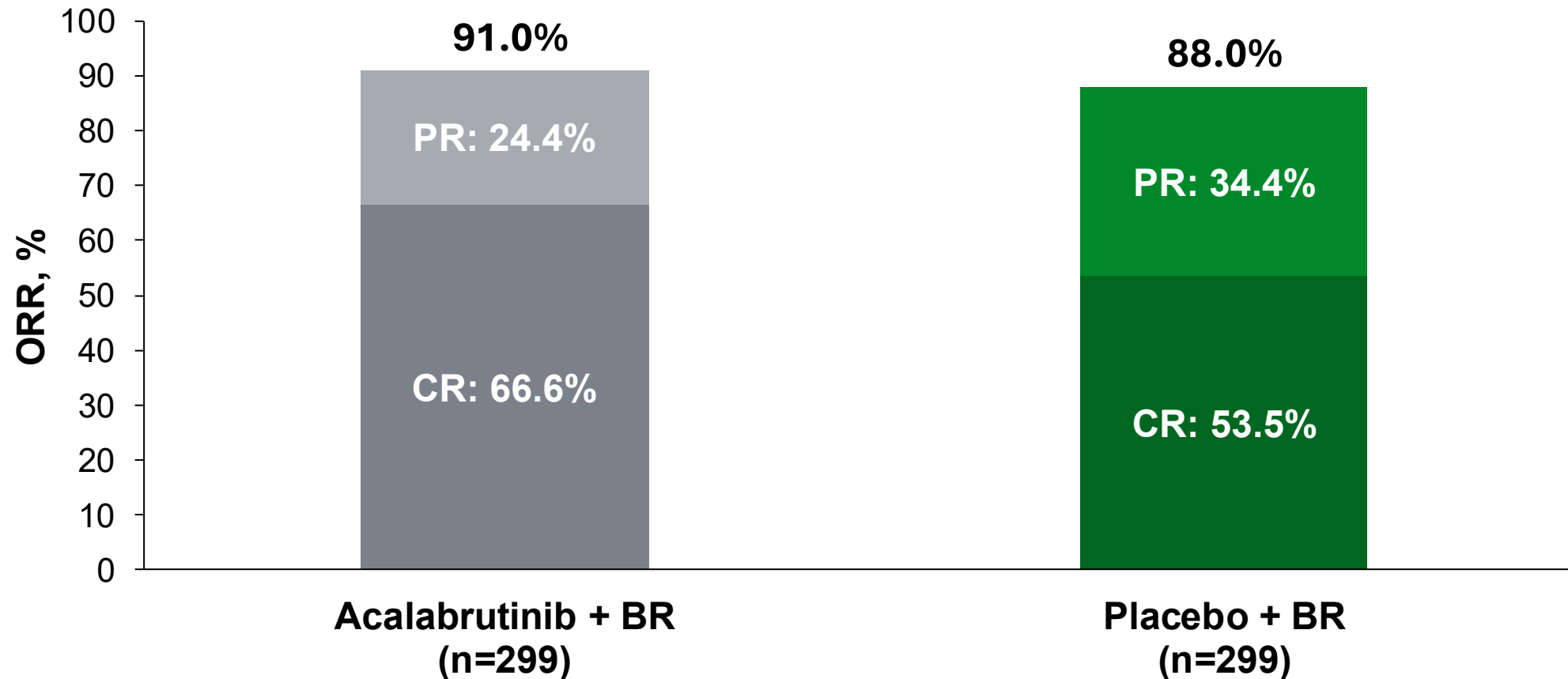
Crossover to
acalabrutinib after PD
was permitted

Demographics and Baseline Characteristics

	Acalabrutinib + BR (n=299)	Placebo + BR (n=299)
Age, median (range), y	71 (65–85)	71 (65–86)
→ ≥75 y, n (%)	84 (28.1)	77 (25.8)
Male, n (%)	214 (71.6)	209 (69.9)
ECOG PS, n (%)		
1	129 (43.1)	132 (44.1)
2	12 (4.0)	23 (7.7)
→ Tumor bulk ≥5 cm, n (%)	112 (37.5)	113 (37.8)
→ Blastoid/pleomorphic histology, n (%)	41 (13.7)	38 (12.7)
Simplified MIPI score, n (%)		
Low risk	99 (33.1)	101 (33.8)
Intermediate risk	128 (42.8)	125 (41.8)
High risk	72 (24.1)	73 (24.4)
Extranodal disease, n (%)	264 (88.3)	277 (92.6)
<i>TP53</i> status, n (%) ^a		
→ Mutated	22 (7.4)	29 (9.7)
Unmutated	97 (32.4)	83 (27.8)
Ki-67, n (%)		
<30%	133 (44.5)	126 (42.1)
→ ≥30%	139 (46.5)	147 (49.2)

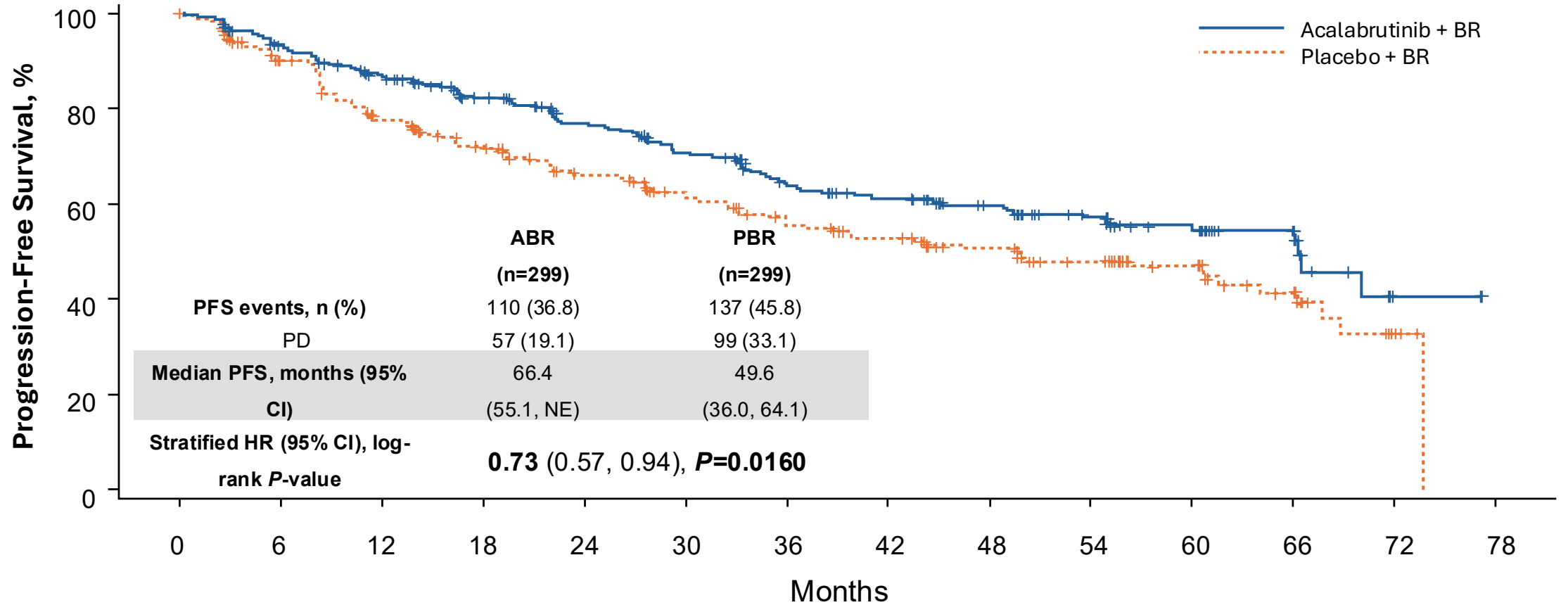
Best Overall Response and Complete Response Rates

An additional 13% of patients achieved CR with acalabrutinib + BR



PFS (primary endpoint) Acala + BR

Median follow-up of 45 months.

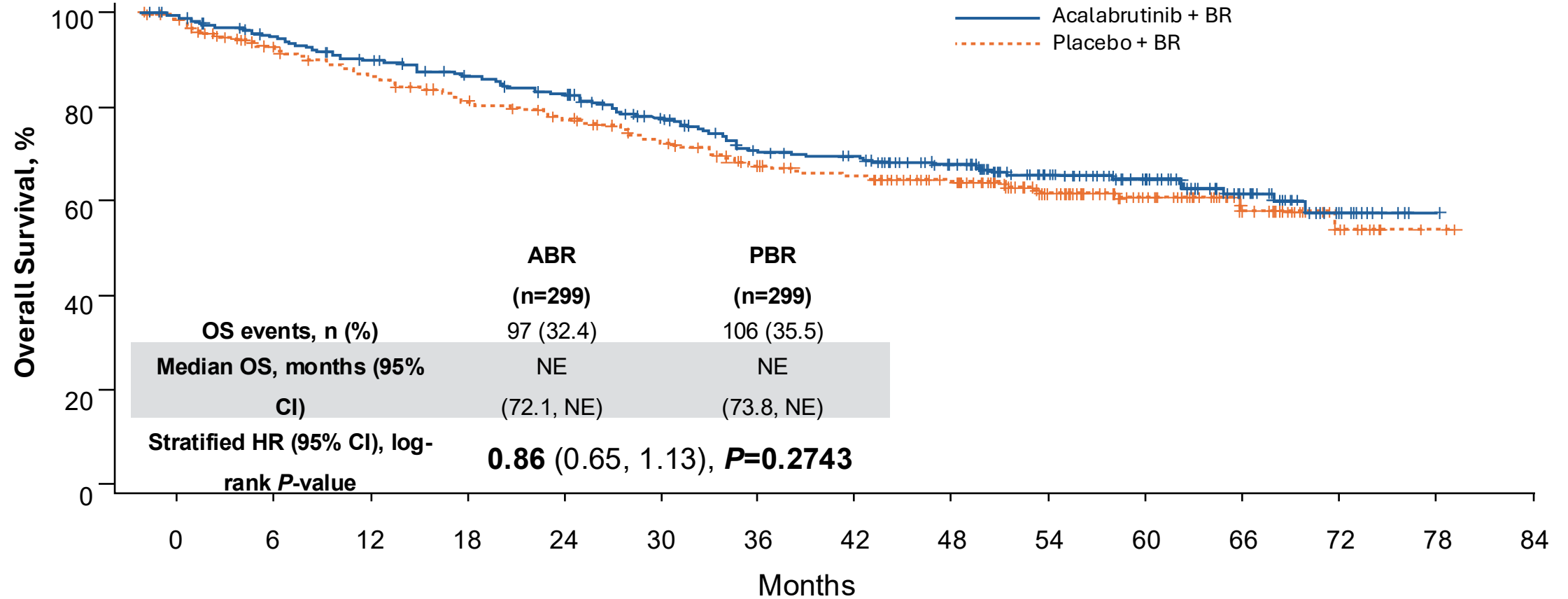


Number at risk

Acala + BR	299	258	232	205	182	156	136	122	98	73	53	34	2	0
Placebo + BR	299	243	204	181	159	142	118	102	84	63	44	25	4	0

Overall Survival Including Crossover

Median follow-up of 45 months.



Number at risk

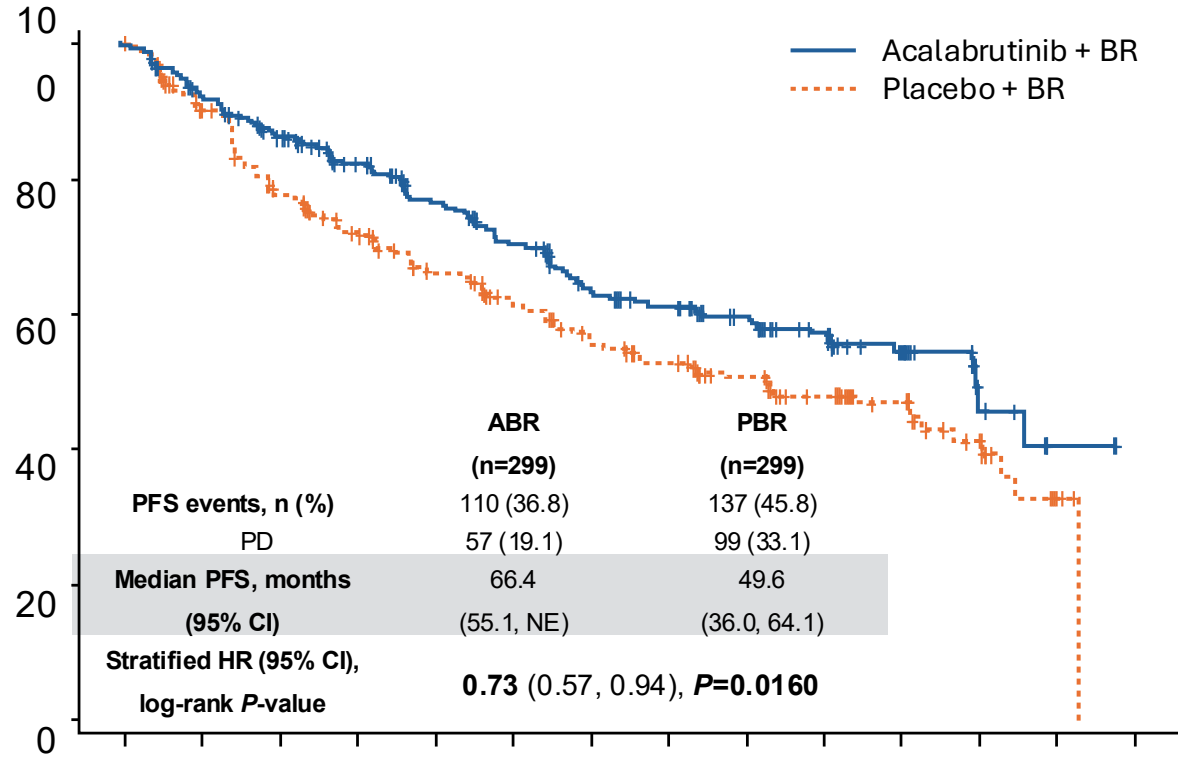
Acala + BR	299	280	259	243	230	207	181	163	146	110	86	58	25	3	0
Placebo + BR	299	268	247	229	215	193	175	157	141	108	78	51	21	3	0

Adverse Events of Interest

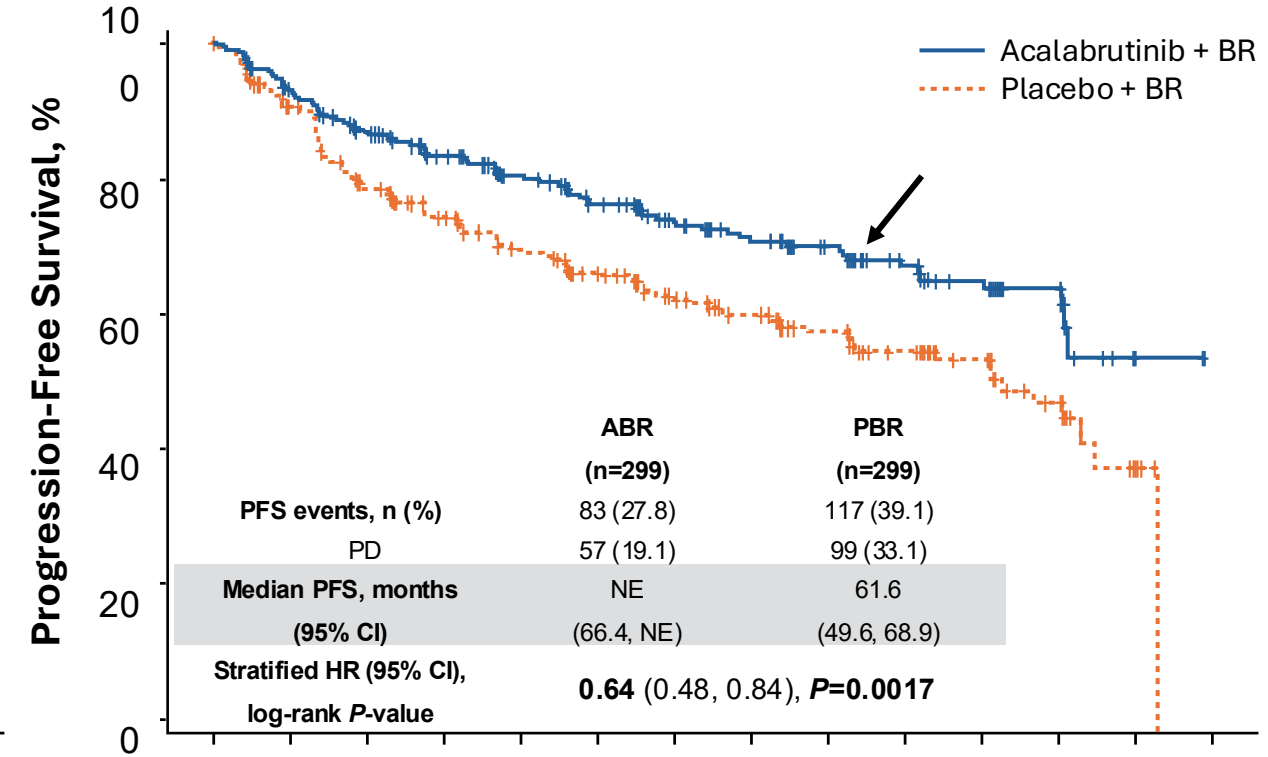
	Acalabrutinib + BR (n=297)		Placebo + BR (n=297)	
	Any grade	Grade ≥3	Any grade	Grade ≥3
Event, n (%)				
Atrial fibrillation	18 (6.1)	11 (3.7)	13 (4.4)	5 (1.7)
Hypertension	36 (12.1)	16 (5.4)	47 (15.8)	25 (8.4)
Major bleeding ^a	7 (2.4)	6 (2.0)	16 (5.4)	10 (3.4)
Infections ^b	232 (78.1)	122 (41.1)	211 (71.0)	101 (34.0)
Second primary malignancies (excluding non-melanoma skin) ^b	29 (9.8)	16 (5.4)	32 (10.8)	20 (6.7)
Median treatment exposure (range), months	29 (0.1, 80.1)		25 (0.03, 76.4)	

PFS With and Without COVID-19 Deaths

Full analysis population



COVID-19 deaths censored



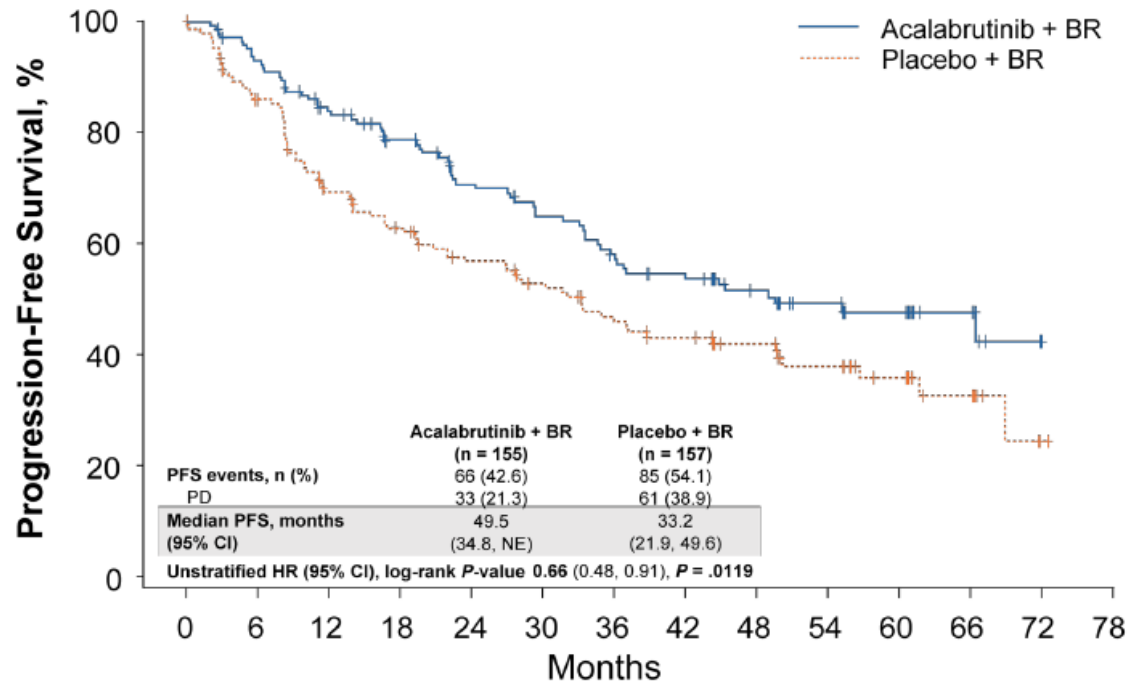
Number at risk	0	6	12	18	24	30	36	42	48	54	60	66	72	78
Acala + BR	299	258	232	205	182	156	136	122	98	73	53	34	2	0
Placebo + BR	299	243	204	181	159	142	118	102	84	63	44	25	4	0

Number at risk	0	6	12	18	24	30	36	42	48	54	60	66	72	78
Acala + BR	299	258	232	205	182	156	136	122	98	73	53	34	2	0
Placebo + BR	299	243	204	181	159	142	118	102	84	63	44	25	4	0

36% risk reduction when censoring COVID-19 deaths

ECHO High risk Analysis: PFS

PFS in Patients With Ki-67 ≥30%, Blastoid/ Pleomorphic Histology, and/or TP53 Mutation



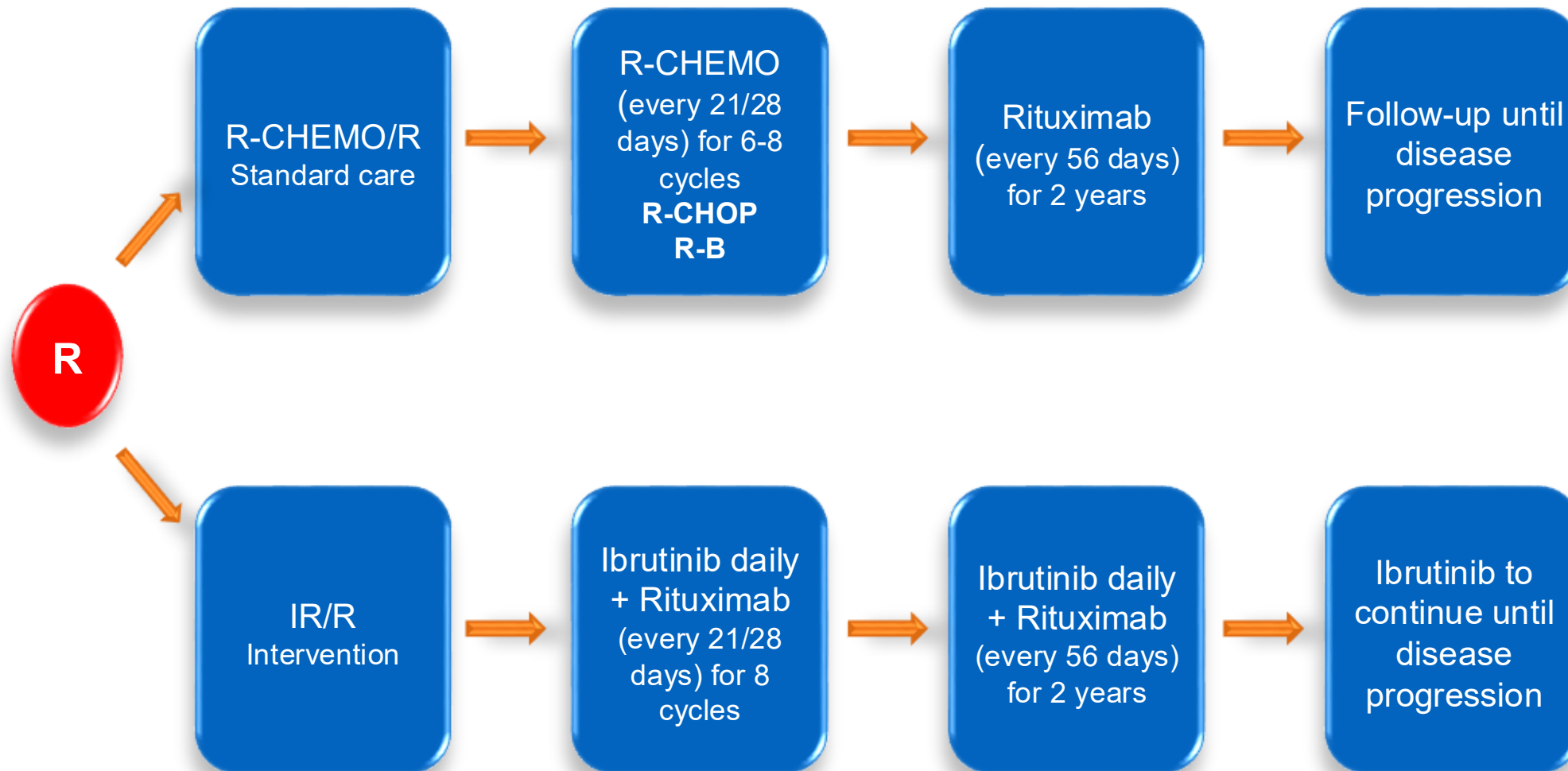
Number at risk	0	6	12	18	24	30	36	42	48	54	60	66	72	78
Acalabrutinib + BR	155	133	115	102	88	76	67	59	45	34	26	18	0	0
Placebo + BR	157	125	98	85	72	64	51	43	34	24	17	9	1	0

PFS in Full Analysis Population¹

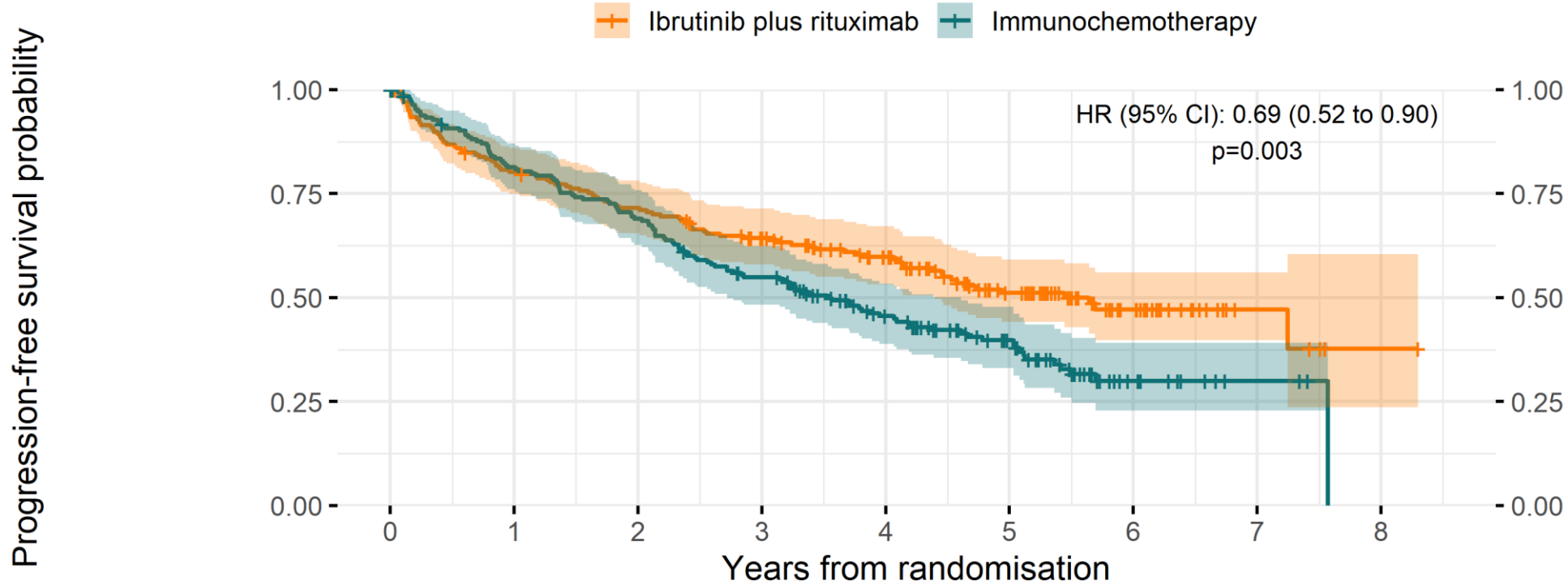


Number at risk	0	6	12	18	24	30	36	42	48	54	60	66	72	78
Acalabrutinib + BR	299	258	232	205	182	156	136	122	98	73	53	34	2	0
Placebo + BR	299	243	204	181	159	142	118	102	84	63	44	25	4	0

Elderly mantle cell lymphoma **ENRICH** – NCRI multicentre Randomised open label phase II/III trial



Progression-free survival



Number at risk (number censored)

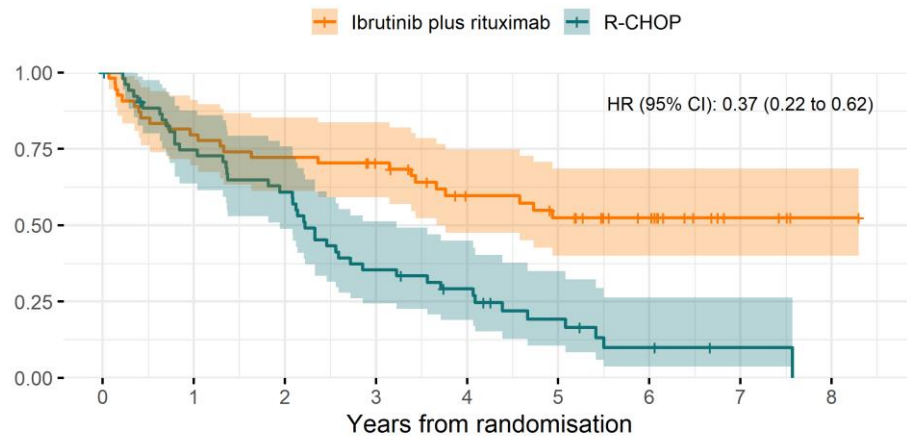
	0	1	2	3	4	5	6	7	8
Ibrutinib plus rituximab	199 (0)	158 (2)	140 (3)	120 (9)	94 (27)	58 (51)	27 (79)	5 (101)	1 (104)
Immunochemotherapy	198 (0)	157 (5)	133 (5)	103 (8)	70 (25)	44 (43)	12 (66)	3 (75)	0 (77)

PFS median (95% CI)
IR: 65.3 mo (52.7 to not evaluable)
R-chemo: 42.4 mo (32.7 to 55.3)

PFS for R-CHOP and BR choice



Progression-free survival probability



Number at risk (number censored)

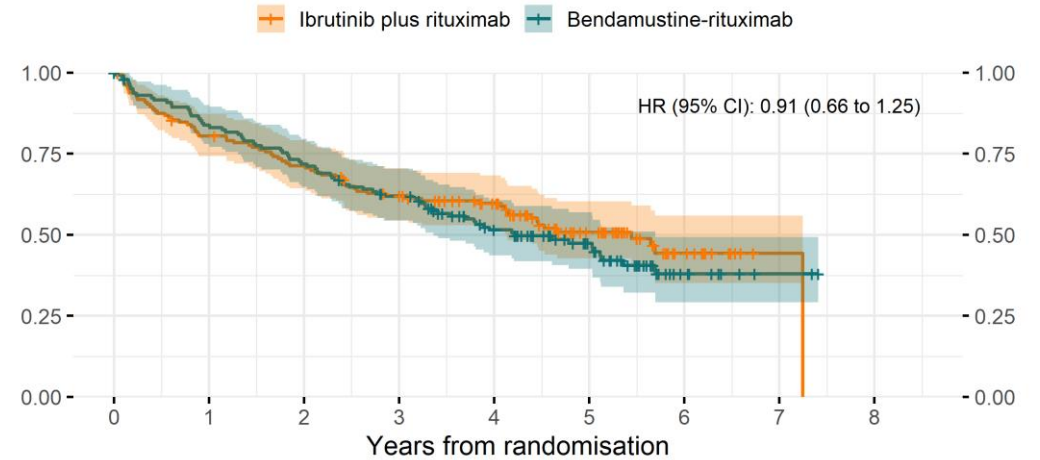
	0	1	2	3	4	5	6	7	8
Ibrutinib plus rituximab	54 (0)	43 (0)	39 (0)	35 (3)	25 (8)	21 (9)	14 (16)	4 (26)	1 (29)
R-CHOP	53 (0)	38 (2)	31 (2)	18 (2)	13 (4)	7 (6)	3 (7)	1 (9)	0 (9)

5-year PFS (95% CI)

IR: 52.4% (40.0% to 68.6%)

R-CHOP: 19.2% (10.6% to 35.1%)

Progression-free survival probability



Number at risk (number censored)

	0	1	2	3	4	5	6	7	8
Ibrutinib plus rituximab	145 (0)	115 (2)	101 (3)	85 (6)	69 (19)	37 (42)	13 (63)	1 (75)	0 (75)
Bendamustine-rituximab	145 (0)	119 (3)	102 (3)	85 (6)	57 (21)	37 (37)	9 (59)	2 (66)	0 (68)

5-year PFS (95% CI)

IR: 50.8% (42.8% to 60.4%)

BR: 47.4% (39.5% to 56.9%)

BOVen study design



Dosing:

Zanutrutinib 160 mg oral twice daily

Obinutuzumab 1000 mg IVPB

Venetoclax 400mg oral daily

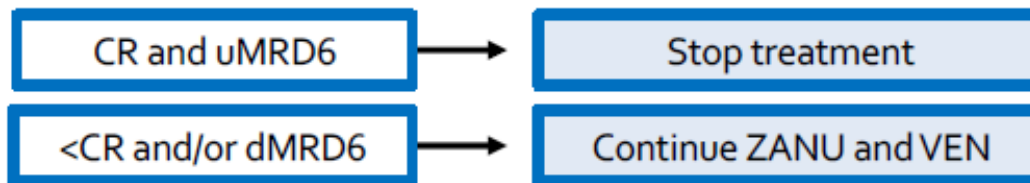
Cycle 1: day 1, 8, 15

5-week ramp-up: 1 week each of 20mg; 50mg;

Cycle 2-8: day 1

100mg; 200mg; 400 mg oral daily

After 24 cycles, MRD-driven approach to limit treatment duration in selected patients:



Key Eligibility Criteria:

- Previously untreated MCL
- ≥ 65 years of age or with comorbidities precluding autologous stem cell transplantation
- ECOG ≤ 2 , adequate organ and hematologic function (ANC >1 , PLT >75 , HGB ≥ 9 (unless due to MCL))

Primary Endpoint:

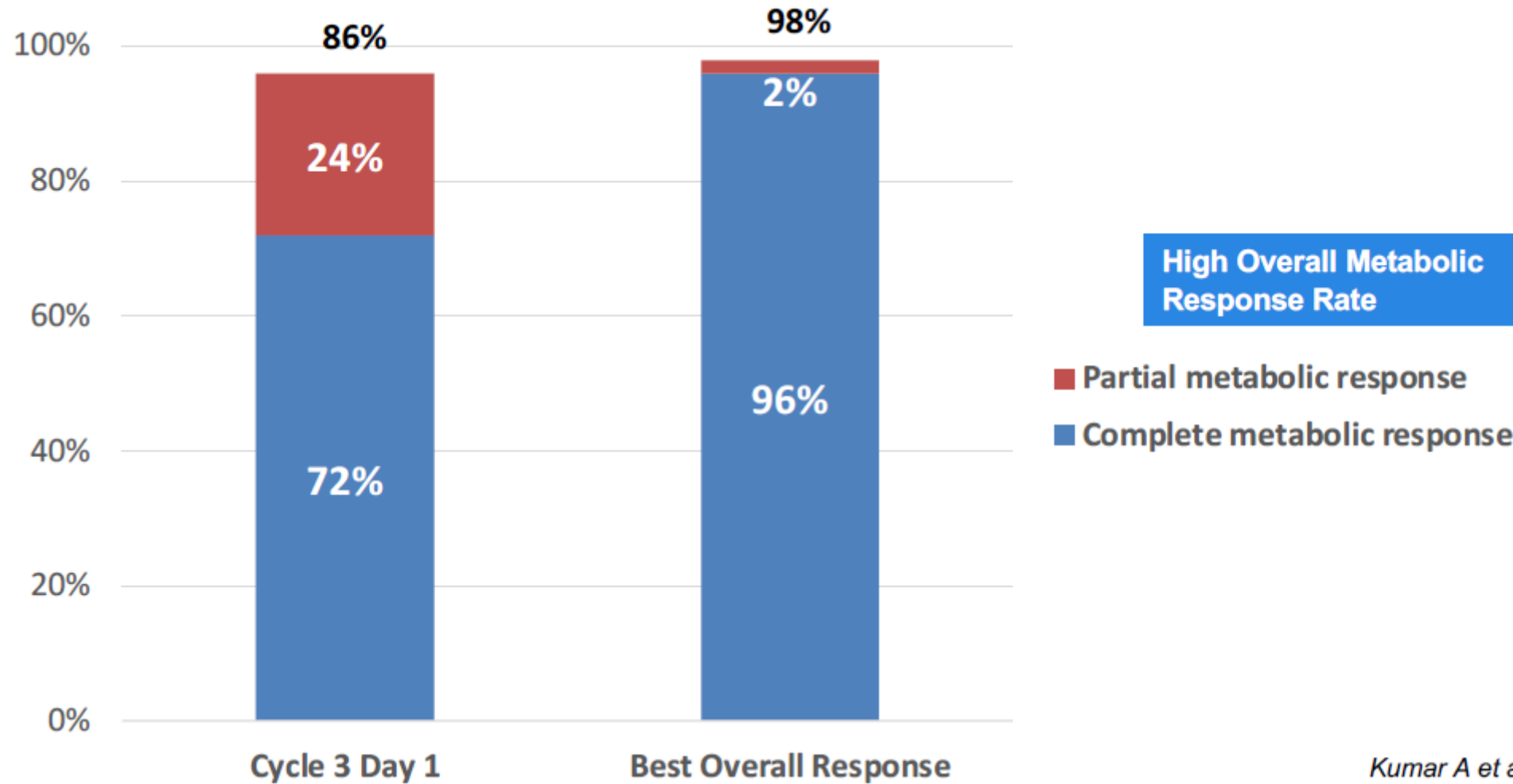
- 3-year progression-free survival
- A promising 3-yr PFS rate $\geq 70\%$ and an unacceptable rate $\leq 50\%$ (historical comparison to Bendamustine-Rituximab)

Baseline clinical characteristics (50 pts)

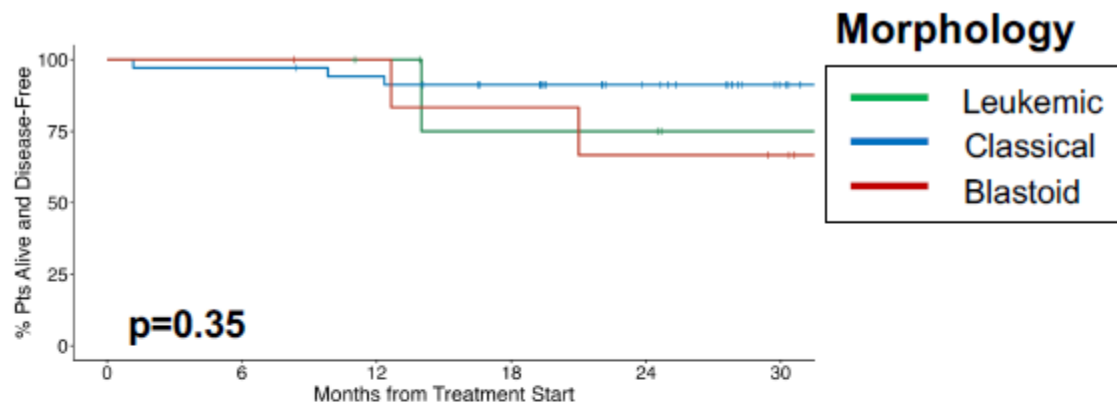
Characteristic	N(%)
Enrollment Site	
Memorial Sloan Kettering	20 (40%)
Massachusetts General Hospital	27 (54%)
Northwestern University	3 (6%)
Age in years	
Median (range)	72 (47-89)
≥75 years of age	17 (34%)
Sex	
Male	32 (64%)
MCL Histology	
Classical	35 (73%)
Blastoid/Pleomorphic	7 (15%)
Non-nodal leukemic	6 (13%)
Unknown	2
MIPI Classification	
Low	4 (8%)
Intermediate	11 (22%)
High	35 (70%)

Characteristic	N(%)
Ki-67 Proliferation Rate	
<30%	24 (49%)
≥30% and <50%	11 (22%)
≥50%	14 (29%)
Unknown	1
TP53 mutation by NGS	
Yes	13 (28%)
No	33 (72%)
Unknown	4
17p deletion by FISH / SNP Array	
Yes	10 (20%)
No	40 (80%)
Unknown	
TP53 Mutation and 17p deletion	
Yes	7 (14%)
No	39 (78%)
Unknown	4

Metabolic response

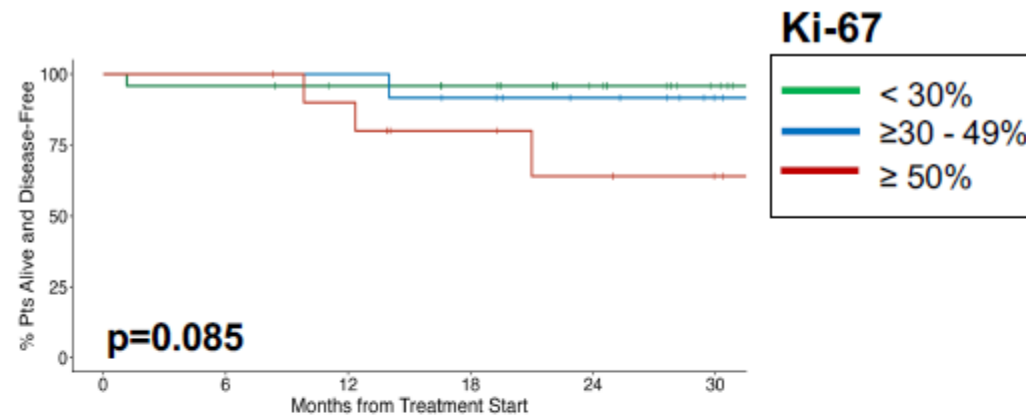


PFS by baseline factors



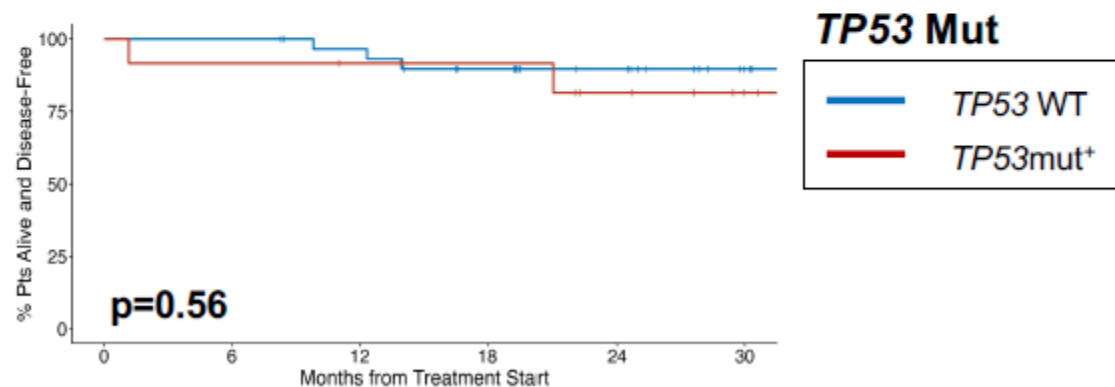
Number at risk: n (%)

Months	0	6	12	18	24	30
Leukemic	6 (100)	6 (100)	5 (83)	3 (50)	3 (50)	1 (17)
Classical	35 (100)	34 (97)	32 (91)	27 (77)	16 (46)	5 (14)
Blastoid	7 (100)	7 (100)	6 (86)	5 (71)	4 (57)	3 (43)



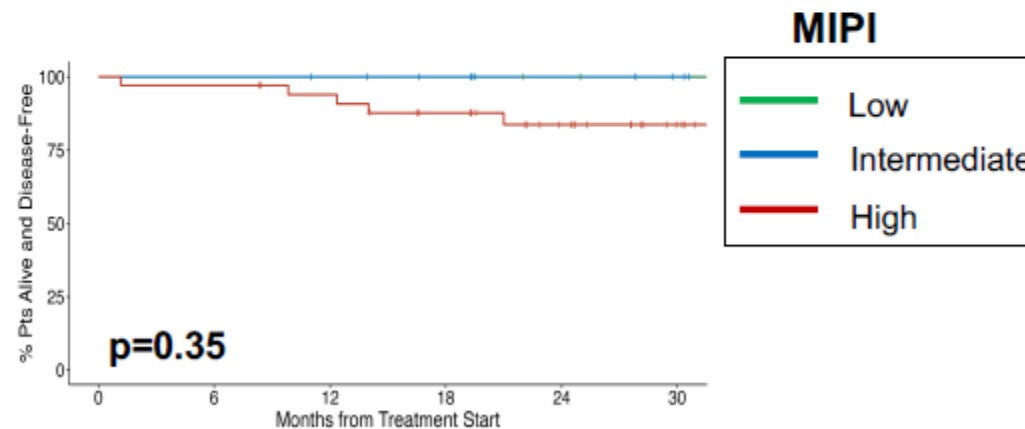
Number at risk: n (%)

Months	0	6	12	18	24	30
< 30%	24 (100)	23 (96)	21 (88)	19 (79)	12 (50)	4 (17)
≥30 - 49%	12 (100)	12 (100)	12 (100)	10 (83)	7 (58)	2 (17)
≥ 50%	11 (100)	11 (100)	9 (82)	6 (55)	4 (36)	2 (18)



Number at risk: n (%)

Months	0	6	12	18	24	30
TP53 WT	31 (100)	31 (100)	28 (90)	22 (71)	16 (52)	6 (19)
TP53mut+	12 (100)	11 (92)	10 (83)	9 (75)	6 (50)	2 (17)

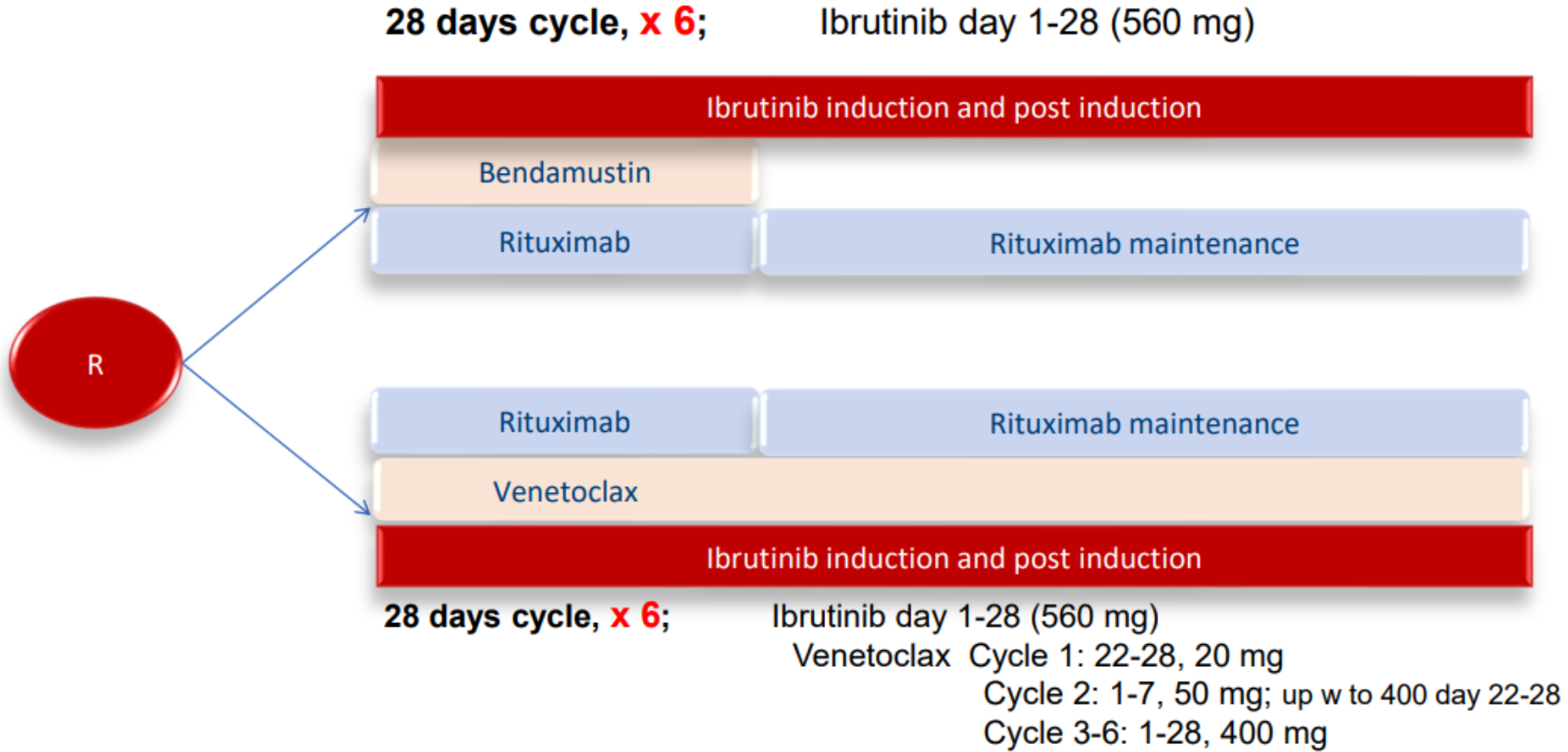


Number at risk: n (%)

Months	0	6	12	18	24	30
Low	4 (100)	4 (100)	4 (100)	4 (100)	3 (75)	1 (25)
Intermediate	10 (100)	10 (100)	9 (90)	7 (70)	4 (40)	2 (20)
High	34 (100)	33 (97)	30 (88)	25 (74)	17 (50)	6 (18)



VIRAL: study design



Conclusions

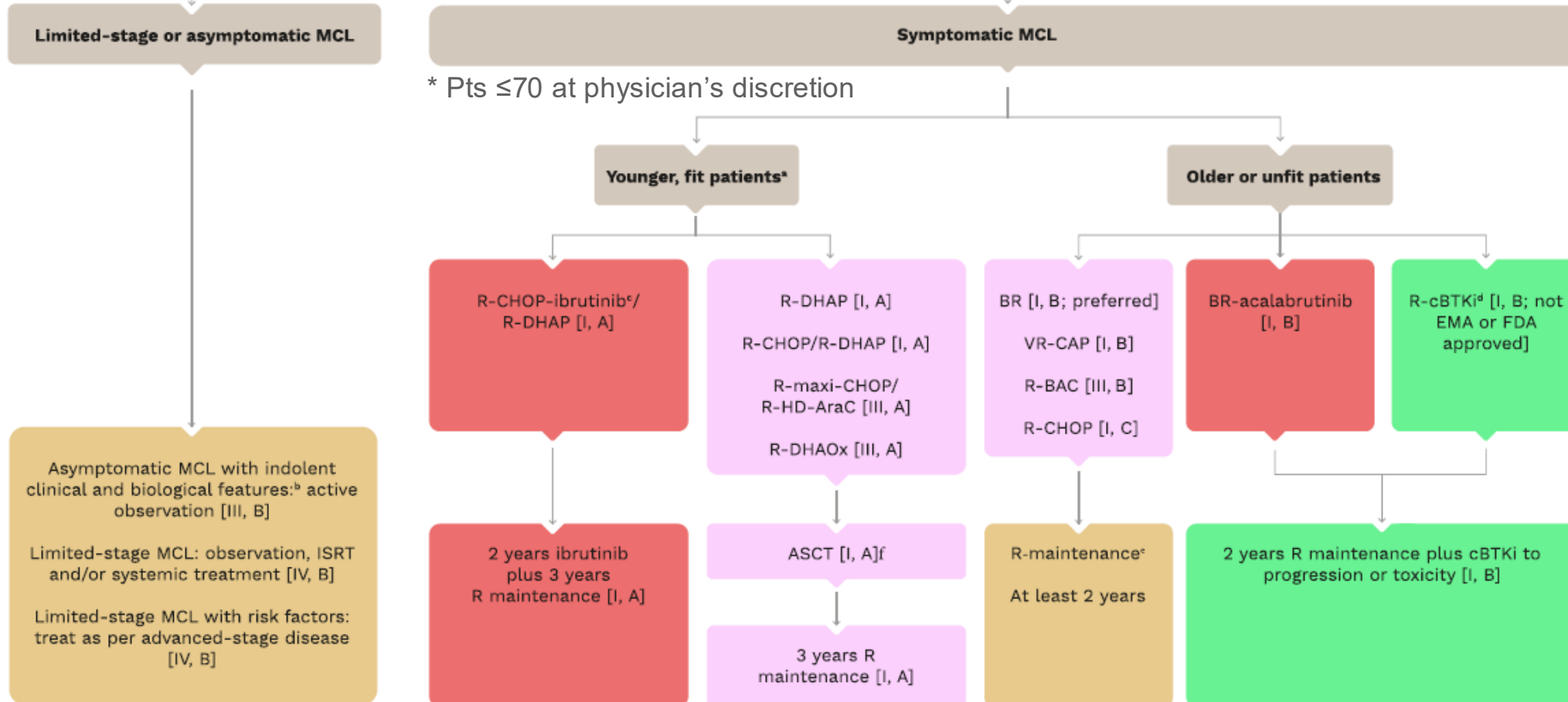
- The Triangle regimen (R-CHOP/R-DHAP plus Ibrutinib followed by R+Ibrutinib for 2 y) has enhanced the treatment of algorithm of mantle cell lymphoma
- The Triangle regimen will become the standard treatment for MCL pts ≤ 65 years and for selected fit patients from 65 y to ≤ 70 years (depending on the reimbursement label), who are eligible for R-CHOP/R-DHAP induction therapy
- High-Risk MCL is still an unmet medical need however, the results of Triangle (+/- ASCT) in this population are promising, but not all patients achieving durable complete remission
- Future new chemo-free treatment strategy may improve the outcome of High Risk MCL patients

EHA-EU MCL GUIDELINES

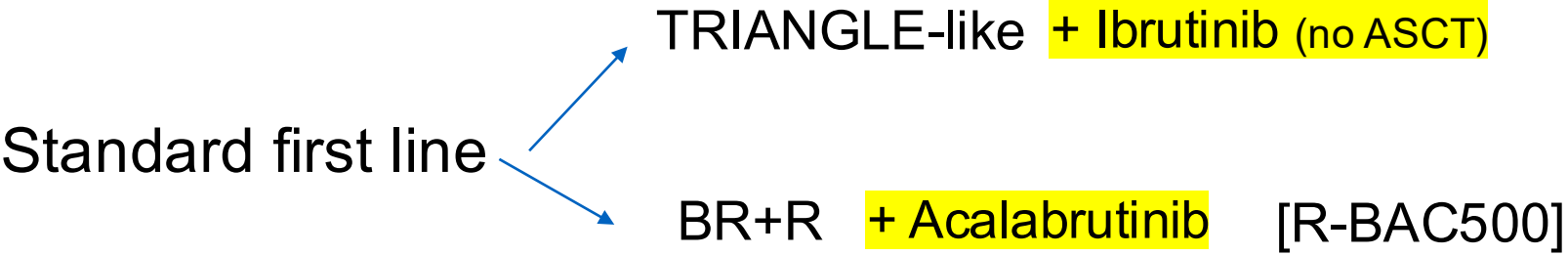
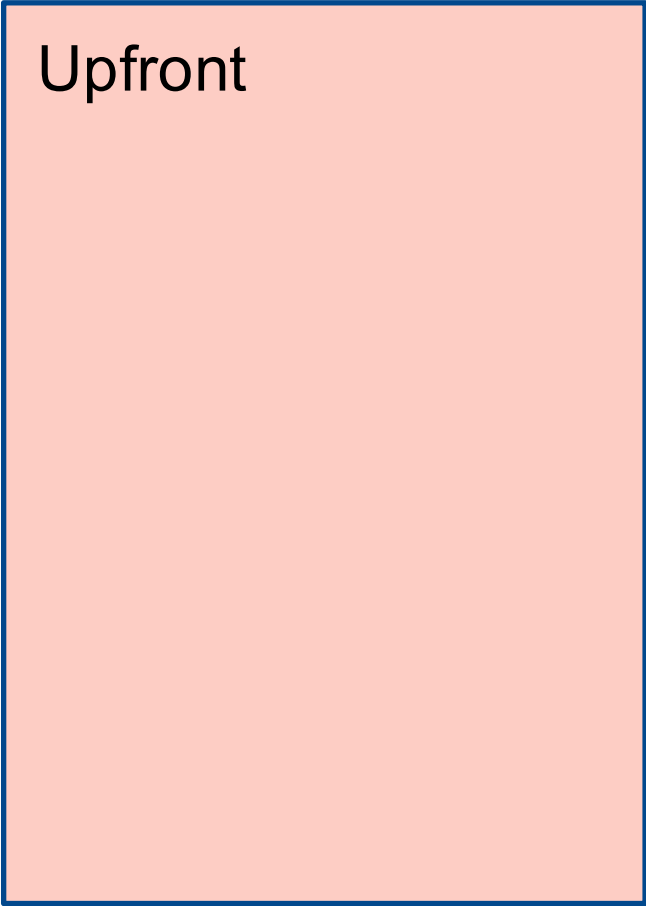
First-line treatment of MCL

Recommendations

- Fit younger patients should be treated with R-CHOP-Ibrutinib/R-DHAP or R-DHAOx induction, followed by 2 years of ibrutinib and 3 years of rituximab maintenance [I, A].



Treatment algorithm





SAPIENZA
UNIVERSITÀ DI ROMA



SISTEMA SANITARIO REGIONALE

AZIENDA OSPEDALIERO-UNIVERSITARIA
POLICLINICO UMBERTO I



FONDAZIONE
ITALIANA
LINFOMI

Grazie!

... a voi tutti per l'attenzione



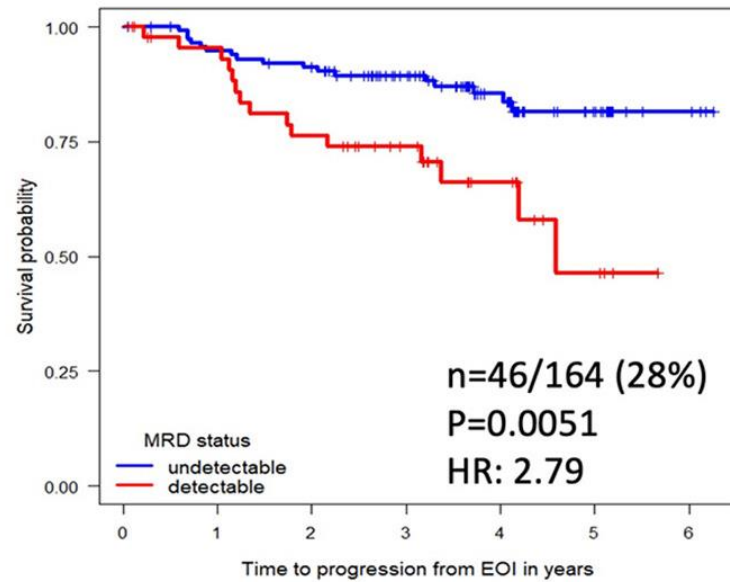
Gruppo per la terapia dei linfomi non Hodgkin
Ematologia Sapienza Roma

137 | IBRUTINIB ADDED TO MCL TREATMENT HAS STRONG IMPACT ON MRD RESPONSE AND DISEASE KINETICS: RESULTS FROM THE TRIANGLE TRIAL

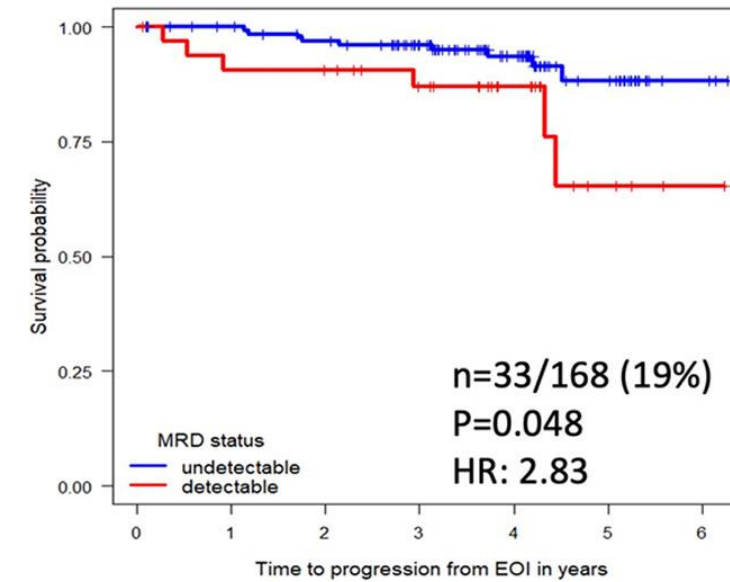
M. Khouja, V. Jurinovic, S. Ferrero, E. Genuardi, B. Kehden, A. M. Civita, C. U. Niemann, R. García Sanz, A. M. Herrera, C. Homburg, O. J. Verhagen, V. H. van der Velden, S. Kubetzko ... [See all authors](#) ▾

MRD at EOI

Treatment arm A



Treatment arm A+I



Treatment arm I

