



FORMAZIONE SIE

I linfomi: un nome con
almeno 40 sfaccettature!

25 giugno
2026

Bologna
Royal Hotel
Carlton

Linfomi Follicolari

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Disclosures of Stefano Luminari

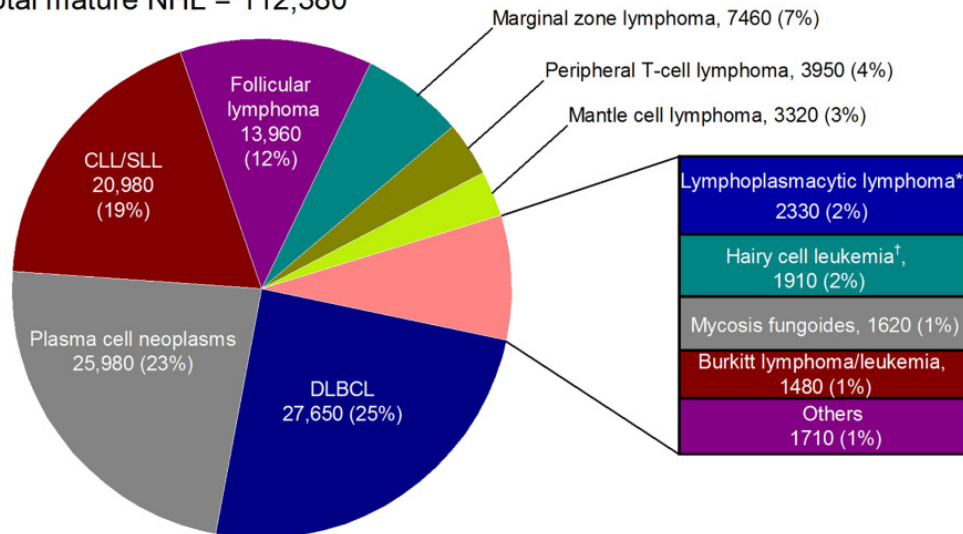
Company name	Research support	Employee	Consultant	Stockholder	Speakers bureau	Advisory board	Other
ROCHE	x				x		
ABBVIE					x	x	
INCYTE					x	x	
BeOne	x				x	x	
Novartis					x	x	
Regeneron					x	x	
KITE					x		
BMS					x		

Features of follicular lymphomas

- Most frequent among indolent lymphomas
- Can be asymptomatic
- Relapsing remitting course
- Impact on life expectancy low with exceptions
- Can transform into more aggressive lymphomas

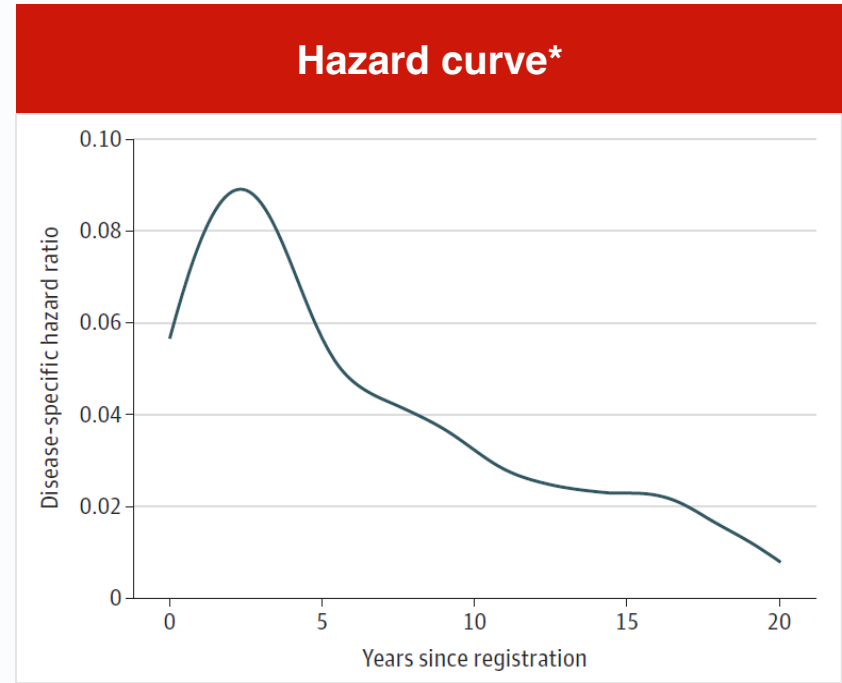
Distribution of NHL Subtypes

Total mature NHL = 112,380



Is cure in FL possible?

Characteristic	Cure estimate, % (95% CI)
Overall	42 (33–52)
FLIPI score	
Low (0–1)	47 (30–65)
Intermediate (2)	46 (33–60)
High (3–5)	30 (17–48)
β2M	
Low	55 (44–66)
High	31 (20–46)



*The cause-specific hazard curve represents the smoothed rate of lymphoma progression or lymphoma-related death as a function of time. The decline suggests that the risk of lymphoma-related events diminishes with prolonged follow-up, approaching the level of the general population by 20 years, supporting the idea of cure in some patients.

β2M, beta-2 microglobulin; CI, confidence interval; FL, follicular lymphoma; FLIPI, Follicular Lymphoma International Prognostic Index.

Shadman M, et al. JAMA Oncol 2026; doi:10.1001/jamaoncol.2026.0042.

Prognostic models at diagnosis

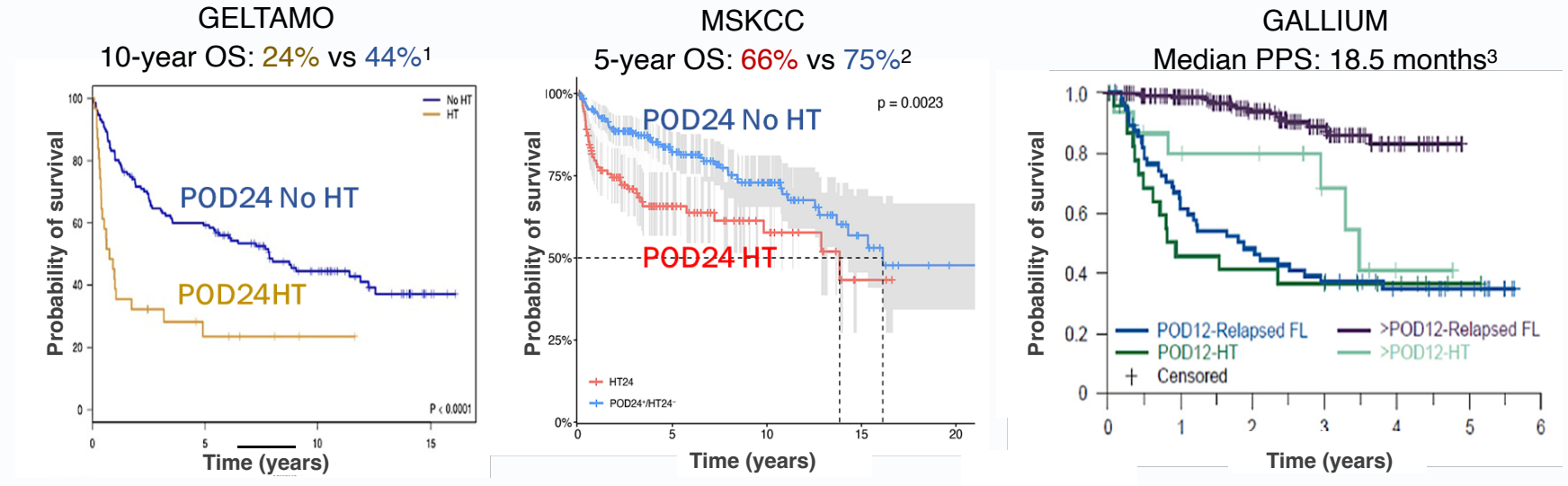
	FLIPI^{1,2}	FLIPI²³⁻⁵	PRIMA PI⁶	M7-FLIPI⁷
Component	Age, stage, haemoglobin, LDH, nodal sites	β 2M, diameter lymph node, BMI, haemoglobin, age	β 2M, BMI	FLIPI, ECOG PS, mutation status of seven genes [†]
OS by risk group (5-year unless specified)	Low: 91% High: 53%	Low: 96% High: 67%	Low: 93%* High: 81%	Low: 84–90% High: 42–65%
	FLEX score⁸	FLIPI-24^{‡9,10}	POD24-PI²	
Component	Male sex, sum of lesion dimension, Grade 3a, extranodal sites, ECOG PS, haemoglobin, β 2M, NK cell count, LDH	Age, hemoglobin, white blood cell count, β 2M	High-risk FLIPI, mutation status of three genes [†]	
OS by risk group (5-year unless specified)	Low: 97% (3-year) High: 87% (3-year)	Low: – High: 65% [§]	Low: 89–91% High: 48–71%	

*Low/intermediate risk category; †ARID1A, CARD11, CREBBP, EP300, EZH2, FOXO1, MEF2B; ‡Very low risk: 0–0.10 and very high risk: >0.40; §Patients were treated with rituximab monotherapy, radiation or other non-immunochemotherapy regimen; ¶EP300, EZH2, FOXO1. BMI, bone marrow infiltration; ECOG PS, Eastern Cooperative Oncology Group performance status; NK, natural killer; OS, overall survival; POD24, progression of disease within 24 months.

1. Solal-Celigny P, et al. Blood 2004;104:1060–1067; 2. Ginzburg L, et al. Blood 2016;128:1112–1119; 3. Terol MJ, et al. Blood 2010;116:3128; 4. Rodriguez-Sevilla JJ, et al. Blood Adv 2023;7:1606–1614; 5. Federico M, et al. J Clin Oncol 2009;27:4555–62; 6. Bachy E, et al. Blood 2018;132:49–58; 7. Pastore A, et al. Lancet Oncol 2015;16:1111–22; 8. Mir F, et al. Am J Hematol 2020;95:1503–1510; 9. Casulo C, et al. ASH 2023; Abstract (abstract #1657); 10. Maurer MJ, et al. Blood 2022; 140:2292–95.

POD24 and histologic transformation

- FL with POD24 and HT is associated with high mortality
- Earliest events irrespective of HT had the strongest impact on prognosis



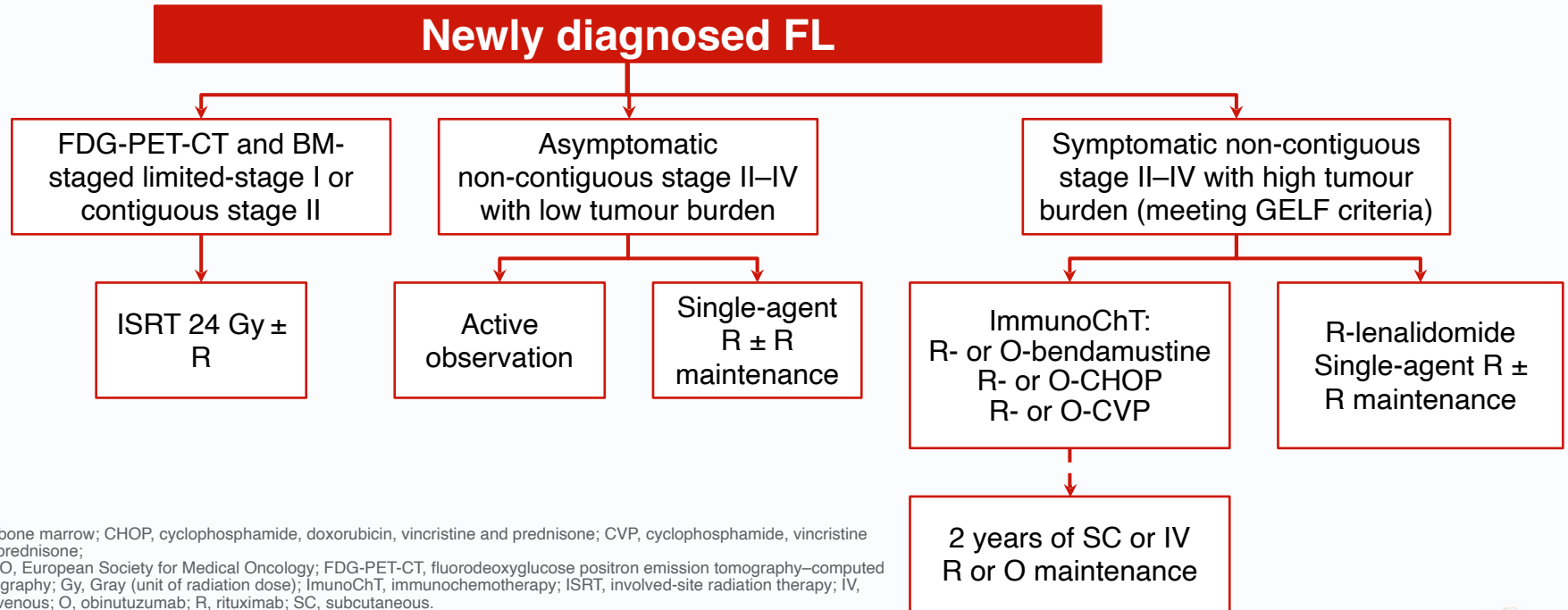
HT, histological transformation; PPS, post-progression survival.

1. Muntañola A, et al. Br J Haematol 2022;200:306–14;
2. Luttwak E, et al. Blood 2023;142:3023;
3. Casulo C, et al. Clin Lymphoma Myeloma Leuk 2022;23:40–8.

Key decision points for 1L therapy

- Is treatment needed?
- What are the risks for the patient (transformation, early failure, death)?
- Which therapy is available?
- How is the patient and what are his/her thoughts?
- Is cure a likely goal of therapy?

ESMO treatment guidelines for newly diagnosed FL (2025)



BM, bone marrow; CHOP, cyclophosphamide, doxorubicin, vincristine and prednisone; CVP, cyclophosphamide, vincristine and prednisone; ESMO, European Society for Medical Oncology; FDG-PET-CT, fluorodeoxyglucose positron emission tomography-computed tomography; Gy, Gray (unit of radiation dose); ImunoChT, immunochemotherapy; ISRT, involved-site radiation therapy; IV, intravenous; O, obinutuzumab; R, rituximab; SC, subcutaneous.

Anti-CD20 plus chemo and historic targeted therapies in R/R FL

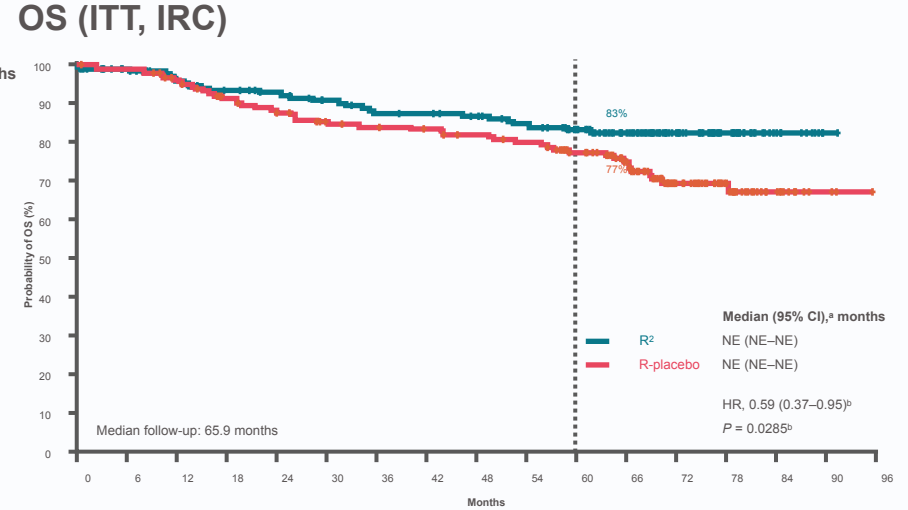
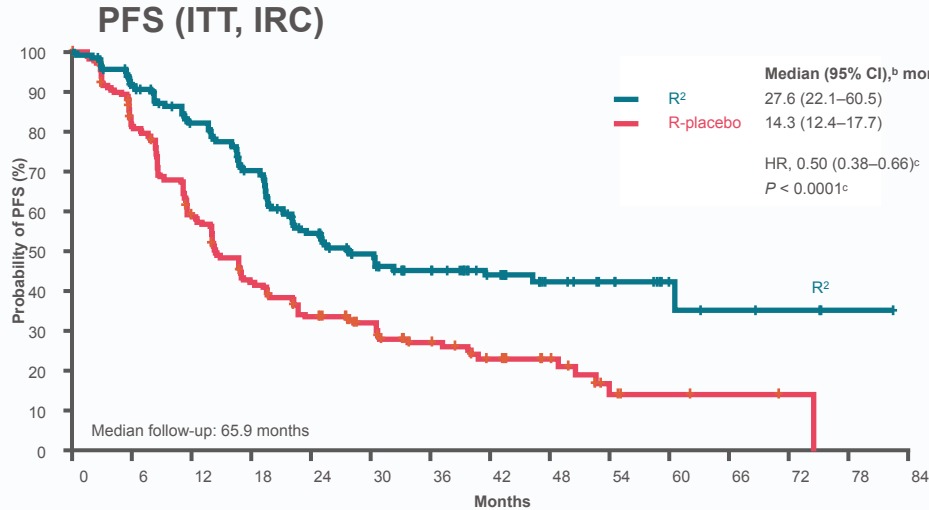
Therapy	Target	N	CR rate, %	ORR, %	Median DOR, months	Median PFS, months
Rituximab¹	CD20	70	16	56	12.1	–
Obinutuzumab + benda^{2,3}	CD20 + chemo	164	17	67.7	NR	25.3
⁹⁰Y ibritumomab tiuxetan⁴	CD20/RIT	59	64	80	29.4	–
Idelalisib⁵	PI3K δ	72	6	57	12.5	11
Copanlisib⁶	PI3K $\alpha\delta$	104	14	59	12.2	11.2
Ibrutinib⁷	BTK	40	12.5	37.5	13.9	14

*Drug withdrawn.⁹

Benda, bendamustine; BTK, Bruton's tyrosine kinase; CR, complete response; DOR, duration of response; NR, not reached; ORR, overall response rate; PI3K, phosphoinositide 3-kinase; R/R, relapsed/refractory; RIT, radioimmunotherapy.




1. Witzig T, et al. J Clin Oncol 2002;20:2453–63;
2. Cheson BD, et al. J Clin Oncol 2018;36:2259–66;
3. Sehn LH, et al. Lancet Oncol 2016;17:1081–93;
4. Witzig T, et al. Cancer 2007;109:1804–10;
5. Gopal A, et al. N Engl J Med 2014;370:1008–18;
6. Dreyling M, et al. J Clin Oncol 2017;35:3898–905;
7. Bartlett NL, et al. Blood 2018;131:182–90;
8. Italiano A, et al. Lancet Oncol 2018;19:649–59;
9. Ipsen voluntarily withdraws Tazverik. Ipsen press release 2026; Available at: <https://www.ipsen.com/press-release/>.

AUGMENT: PFS and OS advantage for R² in r/r FL



Median age for R2 arm: 64y (26–86)




Recently approved treatment options for R/R FL (3L+) based on the ESMO 2025 guidelines

	Treatment	Trial*
Bispecific antibodies 	Mosunetuzumab IV ¹	GO29781
	Mosunetuzumab SC ²	GO29781
	Epcoritamab ^{3,4}	EPCORE NHL-1
	Odronextamab ⁵	ELM-2
CAR T-cell therapy 	Axi-cel ⁶	ZUMA-5
	Tisa-cel ⁷	ELARA
Targeted 	Liso-cel ⁸	TRANSCEND FL
	Zanubrutinib + obinutuzumab ⁹	ROSEWOOD

- Budde LE, et al. ASH 2025; Poster presentation (abstract #5352); 2. Assouline S, et al. ASH 2025; Poster presentation (abstract #5353); 3. Linton K, et al. Lancet Haematol 2024;11:e593–e605; 4. Vitolo U et al, EHA 2025; Poster presentation (abstract #PF881); 5. Villasboas Bisneto J, et al. ASH 2025; Poster presentation (abstract #3588); 6. Neelapu SS, et al. J Clin Oncol 2025;43:3573–7; 7. Schuster SJ, et al. ASH 2025; Oral presentation (abstract #468); 8. Ahmed S, et al. ASH 2025; Oral presentation (abstract #467); 9. Zinzani PL, et al. ASH 2025; Oral presentation (abstract #227).

*All trials were Phase II trials and included patients with R/R FL after ≥2 prior therapies. CAR, chimeric antigen receptor.

Novel therapies and combinations have significantly improved clinical outcomes in 3L+ R/R FL

	Treatment	Trial*	N	ORR/CR, %	Median DOR, months (95% CI)	Median DOCR, months (95% CI)	Median PFS, months (95% CI)
Bispecific antibodies 	Mosunetuzumab IV¹	GO29781	90	78 / 60	46.4 (18.7–NE)	5-year rate: 52%	24 (12.0–53.2)
	Mosunetuzumab SC²	GO29781	94	74 / 63	25.1 (21.0–39.2)	33.6 (21.8–NE)	18.5 (11.3–28.3)
	Epcoritamab^{3,4}	EPCORE NHL-1	128	82 / 63	31.6 (13.7–NE) [†]	NR (31.1–NE) [†]	15.4 (9.4–34.0) [†]
	Odronextamab⁵	ELM-2	128	80 / 74 [†]	26.0 (18.8–42.6) [‡]	35.2 (21.7–53.1) [‡]	24.1 (17.7–34.5) [‡]
CAR T-cell therapy 	AXI-cel⁶	ZUMA-5	127	94 / 79	60.4 (36.6–NE)	60.5	57.3 (30.9–NE)
	Tisa-cel⁷	ELARA	94 [§]	86 / 68	NR (35.8–NE)	4-year rate: 71%	53.2 (18.2–NE)
Targeted 	Liso-cel⁸	TRANSCEND FL	103 [§]	97 / 94	NR (38.5–NE)	NR	NR (39.4–NE)
	Zanubrutinib + obinutuzumab⁹	ROSEWOOD	145	70 / 42	32.9 (19.6–43.1) [‡]	44.2 (28.4–NE) [‡]	22.1 (16.1–34.0) [‡]

3. Linton K, et al. Lancet Haematol 2024;11:e593–605; 4. Vitolo V et al, EHA 2025; Poster presentation (abstract #PF881);

5. Villasboas Bisneto J, et al. ASH 2025; Poster presentation (abstract #3588); 6. Neelapu SS, et al. J Clin Oncol 2025;43:3570–7;

7. Schuster SJ, et al. ASH 2025; Oral presentation (abstract #468); 8. Ahmed S, et al. ASH 2025; Oral presentation (abstract #469); 9. Zinzani PL, et al. ASH 2025; Oral presentation (abstract #227).

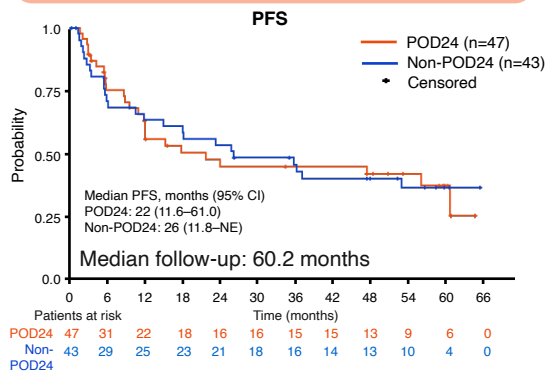
Bispecific antibodies and CAR T-cell therapies in the POD24 population

GO29781: Mosunetuzumab IV¹

52% POD24

5-year PFS (non-POD24): 36%

5-year PFS (POD24): 37%

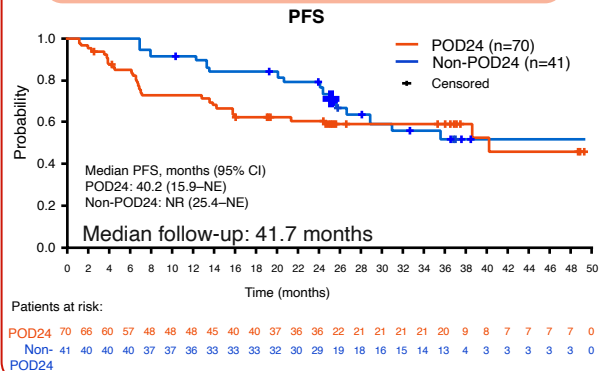


ZUMA-5: Axi-cel²

56% POD24

3-year PFS (non-POD24): 52%

3-year PFS (POD24): 59%

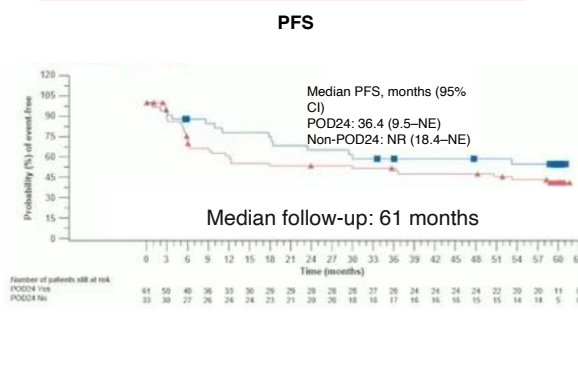


ELARA: Tisa-cel³

63% POD24

5-year PFS: 46%

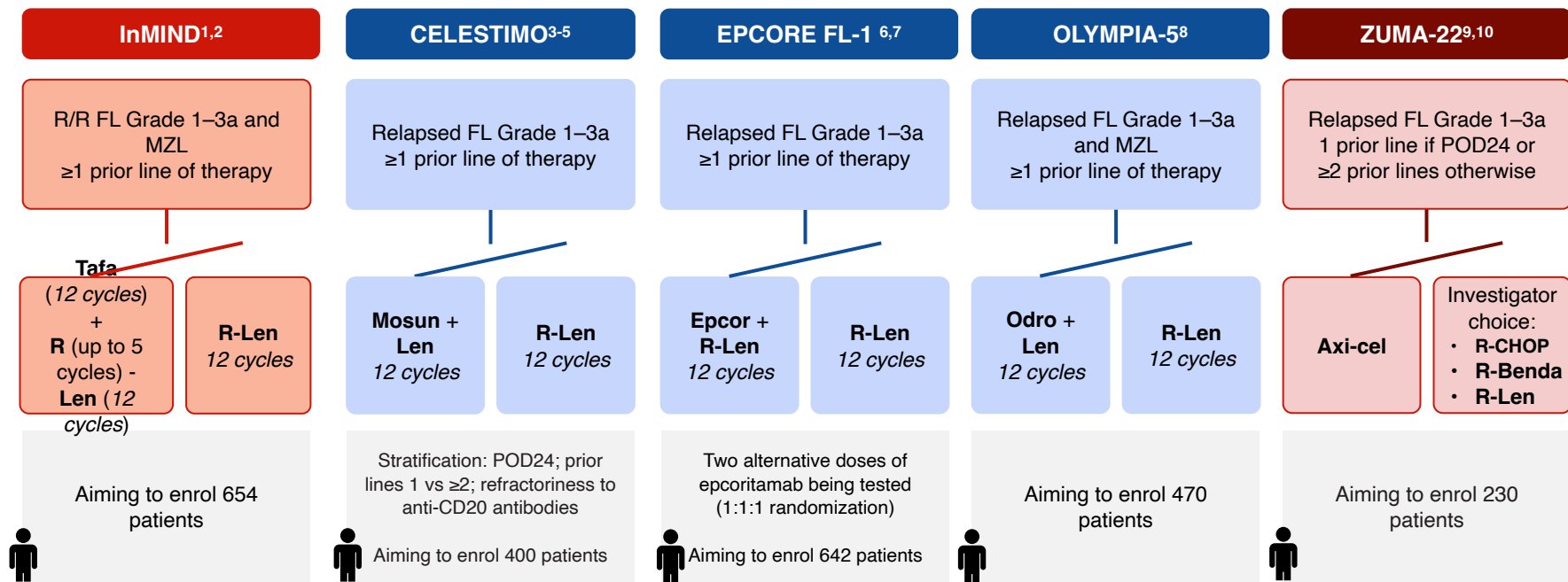
5-year PFS (POD24): 41%



T-cell engaging therapies have improved outcomes for patients with 3L+ R/R FL with POD24

1. Budde LE, et al. ASH 2025. Poster presentation (abstract #5352); 2. Neelapu SS, et al. Blood 2024;143:496–506;
 3. Schuster SJ, et al. ASH 2025. Oral presentation (abstract #468).

Ongoing Phase III trials with bispecific antibodies and CAR T-cell therapies in R/R FL



1. NCT04680052. Available at: <https://clinicaltrials.gov/study/NCT04680052>; 2. Gopal AK, et al. ASH 2025; Poster presentation (abstract#1819);

3. NCT04712097. Available at: <https://www.clinicaltrials.gov/study/NCT04712097>; 4. Nastoupil LJ, et al. J Clin Oncol 2022;40(Suppl 16):TPS7588;

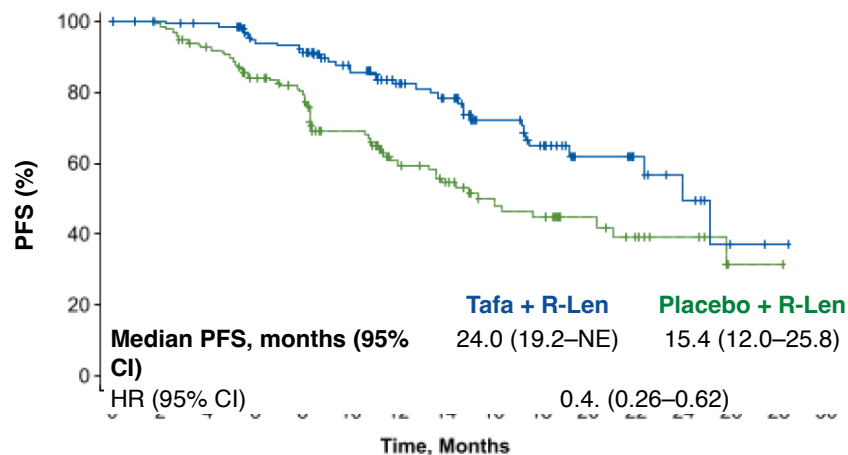
5. Sano D, et al. ASH 2025; Poster presentation (abstract #1800); 6. NCT05409066. Available at: <https://clinicaltrials.gov/study/NCT05409066>;

7. Falchi L, et al. Blood. 2022;140(Suppl 1):9338–9; 8. NCT06149286. Available at: <https://www.clinicaltrials.gov/study/NCT06149286>;

9. NCT05371093. Available at: <https://www.clinicaltrials.gov/study/NCT05371093>; 10. Flinn IW, et al. J Clin Oncol 2023;41(Suppl 16):TPS75798.

InMIND study in 2L R/R FL: Tafa + R-Len vs placebo + R-Len

Primary endpoint: PFS by investigator assessment



No. at risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Tafa + R-Len	147	140	137	117	113	90	65	57	40	32	18	12	7	2	1	0
Placebo + R-Len	153	148	133	113	102	74	50	42	29	26	17	12	8	2	2	0

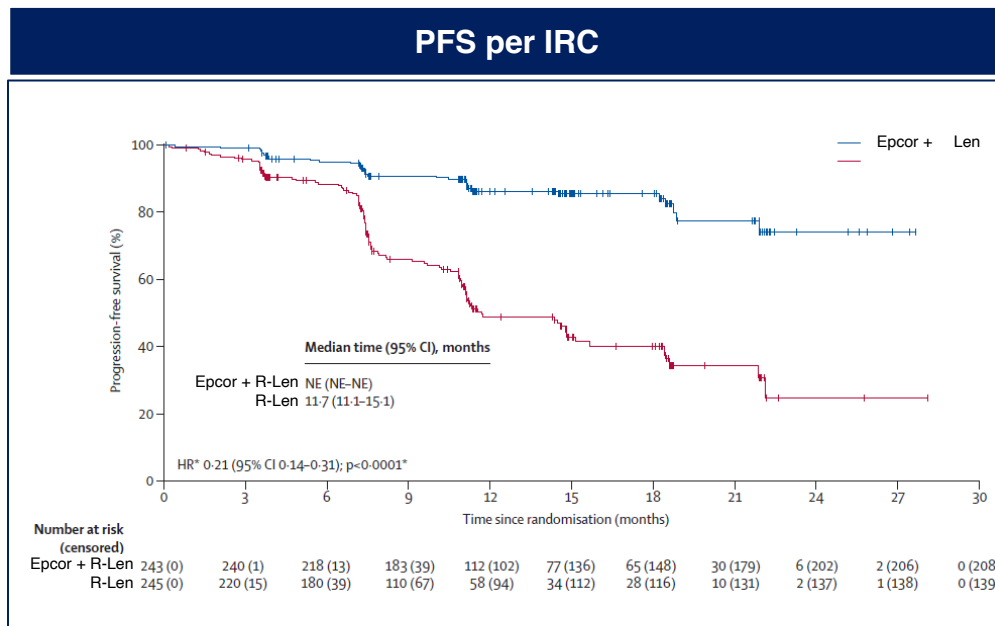
Safety summary, n (%)	Tafa + R-Len (n=147)	Placebo + R-Len (n=153)
Grade 3/4 AE	101 (68.7)	94 (61.4)
Fatal AE*	3 (2.0)	3 (2.0)
Neutropenia	69 (46.9)	60 (39.2)
Diarrhoea	55 (37.4)	47 (30.7)
Constipation	45 (30.6)	46 (30.1)



Significant improvement in PFS was observed with tafasitamab without any significant increase in toxicity

Intention-to-treat population for primary endpoint.
*None considered related to study treatment.

EPCORE FL-1 trial in 2L R/R FL: Epcor + R-Len vs R-Len



Efficacy summary	Epcor + R-Len (n=243)	R-Len (n=245)
ORR, n (%)	231 (95)	194 (79)
CR rate, n (%)	201 (83)	122 (50)
PR rate, n (%)	30 (12)	72 (29)
SD, n (%)	1 (<1)	17 (7)
PD, n (%)	7 (3)	16 (7)
12-month DOR, % (95% CI)	89 (84-93)	49 (39-58)
Safety summary, n (%)	Epcor + R-Len (n=243)	R-Len (n=238)
Grade 3/4 AE	219 (90)	161 (68)
CRS	85 (35)	1 (<1)
Neutropenia	180 (74)	123 (52)
Infections	188 (77)	125 (53)
ICANS	1 (<1)	0



Addition of Epcor to R-Len regimen resulted in superior PFS with a manageable safety profile

Median follow-up: 14.8 months for Epcor + R-Len; 14.6 months for R-Len. Intention-to-treat population for efficacy; safety population for safety table.
 IRC, independent review committee.

Randomised studies of bispecific antibody combination therapy in 1L FL are ongoing

Regimen	Trial (Phase)	Patients (1L FL cohorts)	Treatment duration and administration	Primary endpoint	Study status	Primary completion (estimated)
Mosunetuzumab-Len vs R- / G-chemo	MorningLyte (Phase III) ¹	790	Mosunetuzumab (SC) 21 cycles Len (oral) 11 cycles	PFS (by IRC)	Recruiting	November 2028
Odronextamab monotherapy vs R-chemo	OLYMPIA-1 (Phase III) ^{2,3}	822	Odronextamab (IV) 6 cycles	Part 1: DLTs, TEAEs, Part 2: CR30 (by ICR)	Recruiting	February 2028
Odronextamab-chemo vs R-chemo	OLYMPIA-2 (Phase III) ^{4,5}	733	Odronextamab (IV) 6 cycles CHOP/CVP (IV) 6 cycles	Part 1: DLTs and safety Part 2: CR30 (by ICR)	Active, not recruiting	July 2029
Epcoritamab-R-Len vs R- / G-chemo	EPCORE FL-2 (Phase III) ^{6,7}	1095	Epcoritamab (SC) 21 cycles R (IV) 6 cycles Len (oral) 12 cycles	CR30 (by IRC) PFS (by IRC)	Recruiting	November 2037
Surovatamig plus R vs R-chemo	SOUNDTRACK-F1 (Phase III) ^{8,9}	1018	Surovatamig plus R 7 cycles†	Safety, RP3D, PFS, ORR	Recruiting	November 2031

1. Surovatamig monotherapy in patients achieving a PR or CR after the first 7 cycles.

2. CR30, complete response at 30 months; DLT, dose-limiting toxicity.

3. ICR, independent central review; RP3D, recommended Phase III dose.

4. Hardin C, et al. ASCO 2024; Abstract (abstract #TPS7099); 5. NCT06191744. Available at: <https://clinicaltrials.gov/study/NCT06191744>;

6. Linton KM, et al. ASCO 2024; Abstract (abstract #TPS7084); 7. NCT06549595. Available at: <https://clinicaltrials.gov/study/NCT06549595>;

25 giugno 2026

Bologna - Royal Carlton Hotel

8. Cheah C, et al. ASH 2025; Abstract (abstract #3615).

Evolving Paradigms in Follicular Lymphoma

FIRST LINE

SECOND LINE

THIRD LINE +

Today

Current Standards of Care

- ICT
- Rituximab



- ICT + ASCT (?) POD24
- R² NON-POD24



- BsAbs
- CAR-T
- Zanu-obinut.

Tomorrow

Already anticipated Ph3 results

- ICT
- Rituximab



- R² POD24 & NON-POD24
- Len ± R + Tafa/BsAbs



- BsAbs
- CAR-T
- Zanu-obinut.

Future view

Pending results of Ph3 trials

- BsAbs ± X



- CAR-T POD24
- Len ± R + Tafa/BsAbs
- Zanu-obinut



- BsAbs
- Novel agents
- CAR-T
- Zanu-obinut.
- Len ± R + Tafa/BsAbs