

NEW EHA 2025 GUIDELINES ON THE MANAGEMENT OF LARGE B CELL LYMPHOMAS

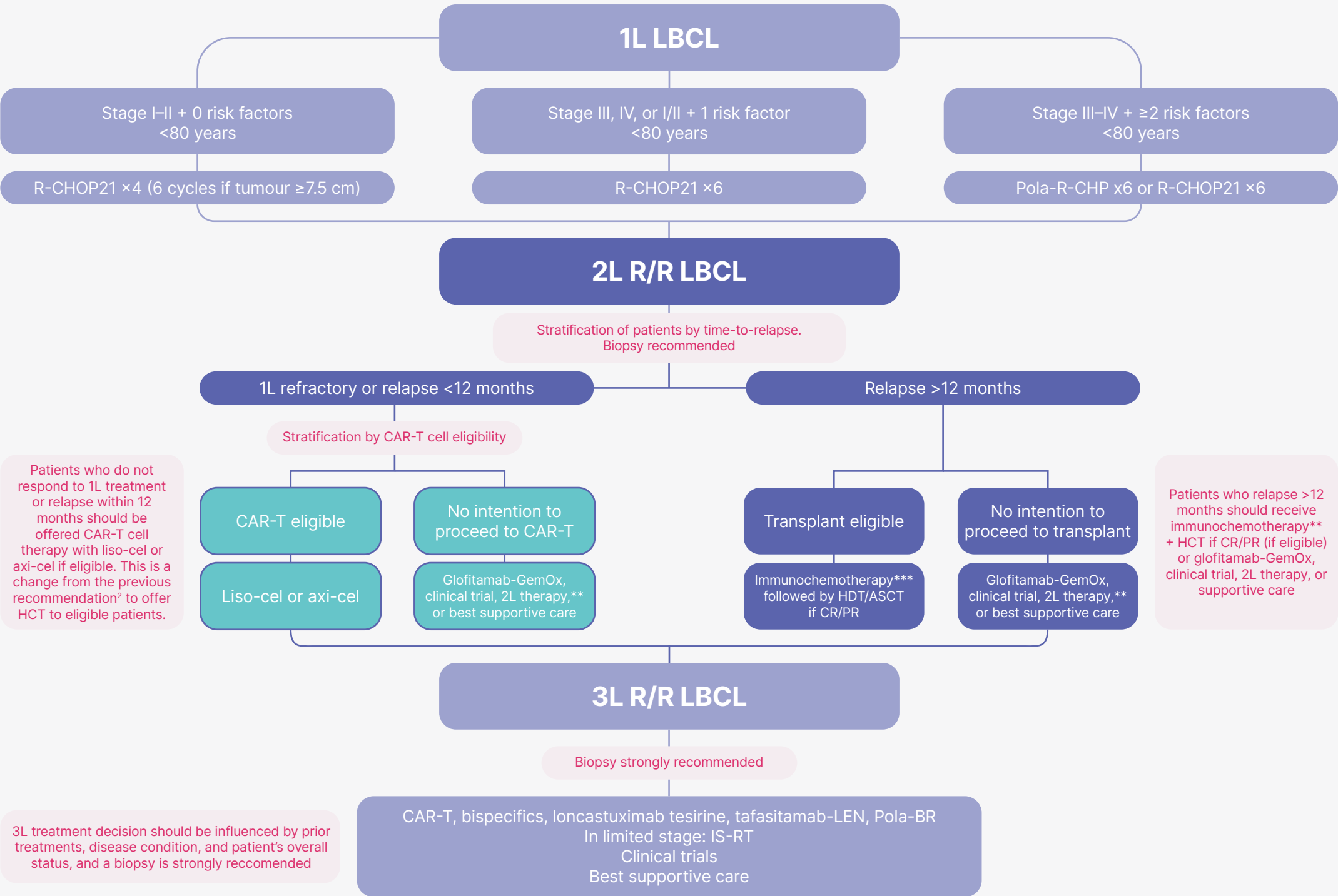
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A multidisciplinary panel of 23 experts from Europe have developed a new set of EHA guidelines for the management of LBCL.¹

These include a new recommendation for CAR-T cell therapy in patients who are primary refractory or relapse within 12 months of 1L treatment.¹

Recommendations for Stage I-IV LBCL with 0 or 1 additional risk factor (high LDH or poor performance status) are to treat with 4-6 cycles of R-CHOP21.* Patients with Stage III-IV disease and >2 risk factors should receive Pola-R-CHP x6 or R-CHOP21 x6.



*Special considerations should be given to treatment of high-grade (double- or triple-hit) lymphoma, primary mediastinal B cell lymphoma, primary testis lymphoma, intravascular LBCL and patients at high risk for CNS relapse or frailty. Alternative or more-intensive treatment regimens and additional assessments are recommended in these cases.¹
**2L therapy: epcoritamab+GemOx when available; tafasitamab+LEN in non-refractory patients. R-chemotherapy: R-DHAX, R-ICE, R-GDP, R-ESHAP, Pola-BR.
***2L immunochemotherapy before HDT/ASCT: R-DHAX (P or C), R-ICE, R-GDP, R-ESHAP. In case of CMR, go to HDT/ASCT.

At Diagnosis

- ✓ Use a combination of haematopathology, full IHC panels, and access to molecular testing per WHO/ICC standards to diagnose LBCL.
- ✓ IHC and FISH are essential to distinguish high-risk subtypes.
- ✓ PET-CT is the gold standard to define local and disseminated disease, outperforming bone marrow biopsy.
- ✓ IPI is mandatory and CNS-IPI strongly recommended.
- ✓ Comprehensive supportive care is essential and frailty should be assessed.
- ✓ Cell-of-origin classification has no therapeutic implications.

After Treatment

- ✓ Assess response with PET imaging using Lugano criteria.³
- ✓ Interim PET (after 2-4 R-CHOP cycles) helps assess early R-CHOP chemosensitivity.
- ✓ EoT biopsy and further follow-up is recommended for unclear lesions on EoT PET.

Conclusion

New EHA treatment guidelines for LBCL now recommend CAR-T cell therapy as 2L treatment instead of HDT/ASCT in eligible patients who do not respond to 1L therapy or relapse within 12 months. For patients who relapse >12 months after 1L treatment, the guidelines recommend immunochemotherapy followed by HDT/ASCT in transplant-eligible patients.

Abbreviations
1L: first-line; 2L: second-line; 3L: third-line; ASCT: autologous stem cell transplantation; axi-cel: axicabtagene ciloleucel; CMR: complete metabolic response; CR: complete response; CNS-IPI: central nervous system- International Prognostic Index; EHA: European Hematology Association; EoT: end-of-treatment; FISH: fluorescence in situ hybridisation; GemOx: gemcitabine and oxaliplatin; HDT: high-dose therapy; ICC: International Consensus Classification of Myeloid Neoplasms and Acute Leukemias; IHC: immunohistochemistry; IPI: International Prognostic Index; IS-RT: involved site radiotherapy; LEN: lenalidomide; LDH: lactate dehydrogenase; liso-cel: lisocabtagene maraleucel; R-CHOP21: rituximab + cyclophosphamide + doxorubicin + vincristine + prednisolone; R-DHAX, rituximab + dexamethasone + cytarabine + oxaliplatin; R-ESHAP: rituximab + etoposide + solu-medrone + high-dose cytarabine + cisplatin; R-GDP: rituximab + gemcitabine + dexamethasone + cisplatin; R-ICE: rituximab + ifosfamide + carboplatin + etoposide; R/R: relapsed/refractory; Pola-BR: polatuzumab vedotin + bendamustine + rituximab; Pola-R-Chp: polatuzumab vedotin + rituximab + cyclophosphamide + doxorubicin + prednisolone; PR: partial response

References
1. Thieblemont C. Presentation p571-2. EHA. 12-15 June, 2025.
2. Tilly H et al. Ann Oncol. 2015;26(Suppl 5):v116-25.
3. Cheson BD et al. J Clin Oncol. 2014;32(27):3059-68.