

LYMPHOMA CAR T-CELL THERAPY ELIGIBILITY CRITERIA

DIAGNOSES NOT SPECIFICALLY INCLUDED IN THE HEALTH CANADA APPROVED PRODUCT MONOGRAPHS ARE NOT ELIGIBLE FOR CONSIDERATION

- Diffuse large B-cell lymphoma (DLBCL) not otherwise specified
- High grade B-cell lymphoma
- High grade B-cell lymphoma with MYC and BCL2 and/or BCL6 rearrangements (double hit by FISH)
- DLBCL arising from follicular lymphoma
- Primary mediastinal large B-cell lymphoma (PMBCL)

Applications that do not satisfy all eligibility criteria are subject to additional review. This may extend the turnaround time to a funding decision.

THE PATIENT MUST MEET THE FOLLOWING CRITERIA: *Note: It is the referring physician's responsibility to ensure all criteria are met at the time of CAR T-cell therapy assessment

- Patient must be ≥ 18 years of age
- Relapsed or refractory large B-cell lymphoma after two or more lines of systemic therapy
- Histological confirmation of diagnosis
- Patient must be off PD1/PDL1 inhibitor treatment for at least 6 weeks prior to expected CAR T-cell therapy infusion
- ECOG performance status ≤ 2
- Patient is sufficiently stable to travel out of province, to tolerate the wait between leukapheresis and CAR T-cell infusion, and to return to BC for bridging therapy if required
- Recommendation for CAR T-cell therapy obtained from the Provincial Lymphoma Conference

Patients must have adequate organ function. The ranges below are a guide for CAR T-cell therapy.

- Creatinine $\leq 141.44 \mu\text{mol/L}$ and estimated glomerular filtration rate (eGFR) $\geq 45\text{ml/min/1.73m}^2$
- ALT or AST $\leq 3\text{x}$ upper limit of normal, Bilirubin $\leq 2\text{x}$ upper limit of normal
- Left ventricle ejection fraction (LVEF) $\geq 40\%$ confirmed by echocardiogram or MUGA
- Oxygen saturation $\geq 91\%$ on room air
- Absolute lymphocyte count (ALC) $> 0.1 \times 10^9/\text{L}$ ($100/\text{mm}^3$). Note: If ALC is below $0.1 \times 10^9/\text{L}$, application can be considered; but for apheresis to proceed, ALC must be at least $0.1 \times 10^9/\text{L}$

Exclusion Criteria

- Prior treatment with CD19 CAR T-cell therapy
- Active CNS involvement
- Pregnancy
- Acute life threatening bacterial, viral (active/uncontrolled Hepatitis B, C or HIV*) or fungal infection

**In the setting of controlled HIV, some CAR T-cell products may be considered on a case by case basis; certain CAR T-cell products remain contraindicated as per manufacturer's labeling.*