

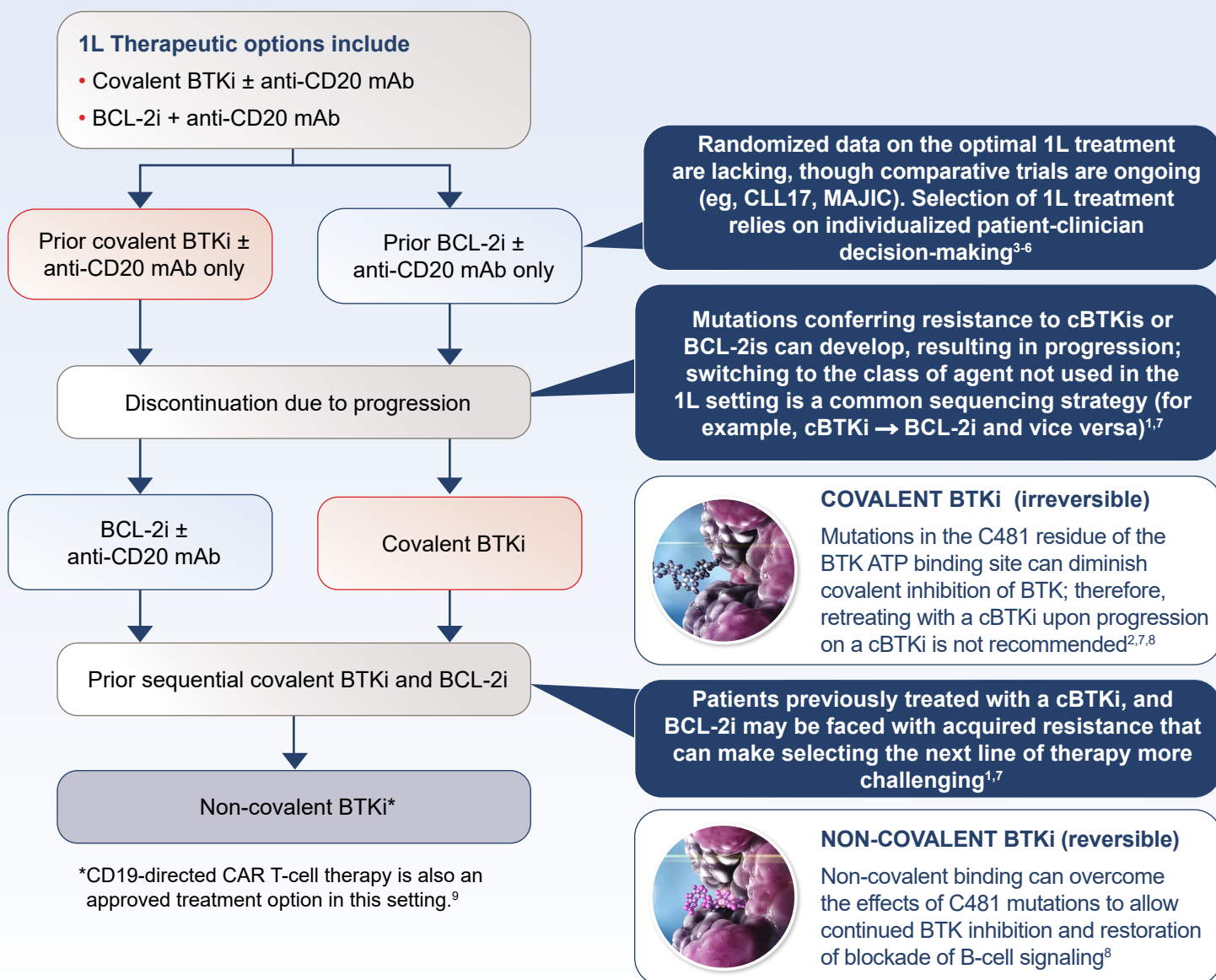
Sequencing BTK inhibitors in the Treatment of B-Cell Malignancies

CHRONIC LYMPHOCYTIC LEUKEMIA

Role of ncBTKis in the Treatment of CLL

- ncBTKis bind **reversibly** to the BTK protein, which may address certain limitations of acquired resistance that occur with cBTKis^{1,2}
- ncBTKis may provide an option for patients with CLL requiring treatment after failure on **both** a cBTKi and BCL-2i²

Evidence-Based Approach to Sequencing BTKis in CLL



1L, first line; ATP, adenosine triphosphate; BCL-2i, B-cell lymphoma 2 inhibitor; BTK, Bruton's tyrosine kinase; BTKi, Bruton's tyrosine kinase inhibitor; cBTKi, covalent BTK inhibitor; CAR, chimeric antigen receptor; CLL, chronic lymphocytic leukemia; mAb, monoclonal antibody; ncBTKi, non-covalent BTK inhibitor.

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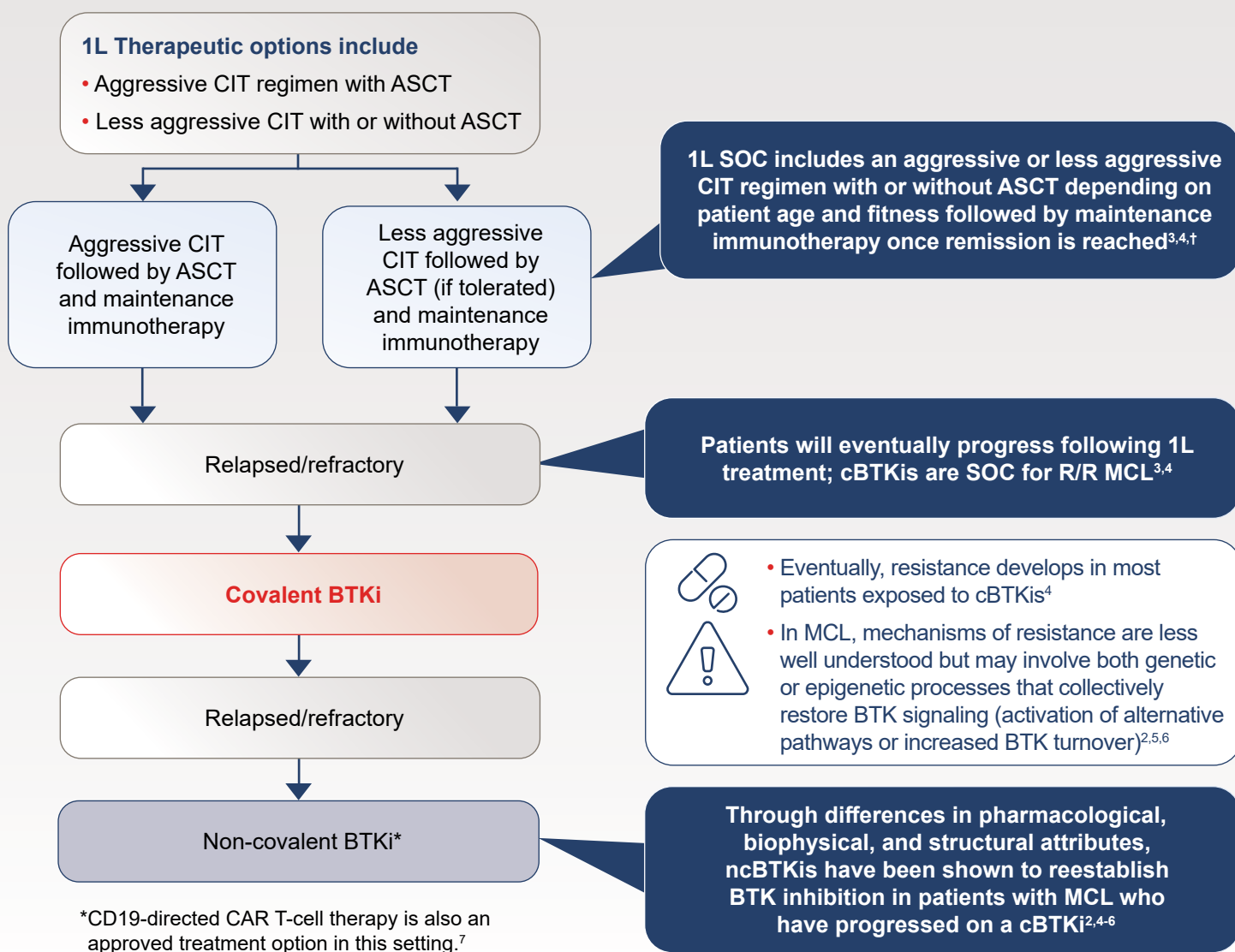
Sequencing BTK inhibitors in the Treatment of B-Cell Malignancies

MANTLE CELL LYMPHOMA

Role of ncBTKis in the Treatment of MCL

- Despite initial efficacy of cBTKis in R/R MCL, resistance or intolerance invariably develops, necessitating a new treatment option^{1,2}
- ncBTKis have key differences in structure and MOA compared with cBTKis, including **reversible** binding^{1,2}
- ncBTKis may address some of the limitations of resistance cBTKis pose³

Evidence-Based Approach to Sequencing BTKis in MCL



[†]No regimen has been firmly established as SOC.

1L, first-line; ASCT, autologous stem cell transplant; BTKi, Bruton's tyrosine kinase inhibitor; CAR, chimeric antigen receptor; cBTKi, covalent BTK inhibitor; CIT, chemioimmunotherapy; CLL, chronic lymphocytic leukemia; MCL, mantle cell lymphoma; MOA, mechanism of action; ncBTKi, non-covalent BTKi; R/R, relapsed/refractory; SOC, standard of care.

References: 1. Lewis KL, Cheah CY. *J Pers Med*. 2021;11(8):764. 2. Wang ML, et al. *J Clin Oncol*. 2023;41(24):3988-3997. 3. Jain P, Wang ML. *Am J Hematol*. 2022;97(5):638-656. 4. Jain N. *J Hematol Oncol*. 2023;16(1):99. 5. Gomez EB, et al. *Blood*. 2023;142(1):62-72. 6. Stanchina MD, et al. *Nat Rev Clin Oncol*. 2024;21(12):867-887. 7. FDA. Accessed November 20th, 2024. <https://www.fda.gov/drugs/resources-information-approved-drugs/fda-approves-lisocabtagene-maraleucel-relapsed-or-refractory-mantle-cell-lymphoma>.