

Acute Lymphocytic Leukemia (ALL) treatment: after induction AL-4

This treatment is started if a complete remission has not been achieved on Day 29 of induction treatment. Your oncologist will discuss this treatment with you.

Day	Drug Name	How drug is given
29	Vincristine	IV — in the vein
36	Vincristine	IV A bone marrow test may be done.
43	Vincristine	IV A bone marrow test may be done.

If on Day 29 it is found that there is Central Nervous System (CNS) involvement. Further drugs are needed.

Day	Drug Name	How drug is given
29	Vincristine Doxorubicin L-asparaginase	IV IV IM — in the muscle
32 and 33	MAH includes these drugs: <ul style="list-style-type: none"> • Methotrexate • Cytarabine • Hydrocortisone 	IT — Intrathecal. In the spinal fluid in the lower back.
36	Vincristine L-asparaginase MAH	IV IM IT A bone marrow test is needed.
39/40	MAH	IT
43	Vincristine L-asparaginase MAH	IV IM IT

Possible side effects

- Nausea and vomiting, take anti-nausea medications as directed
- Hair loss within
- Mouth sores (mucositis)
- Headache
- Low blood counts which leads to infection, fatigue and bleeding
- Constipation
- Numbness and tingling in fingers and toes

Chemotherapy – What you need to know

There will be a decrease in your blood cells. These include white blood cells, red blood cells, hemoglobin and platelets.

- **Call if any side effects seem unexpected or extreme.**

Contact information

Primary Team:

- Doctor: _____
- Nurse: _____ } Phone: _____
- Pharmacy: _____
- Phone: _____ Fax: _____

You will need a digital thermometer. You can buy one at most drug stores.



If you have any of these signs of an infection call your primary doctor/nurse care team right away:



- A temperature of 38°C or 100°F or more. This is a fever. **Do not take Tylenol, Aspirin, ibuprofen or anti-inflammatory medications without checking with your team first.** They may cause bleeding or may hide a fever. Call if you need medication for pain.
- A cough productive of coloured phlegm or sputum.
- Red inflamed skin.
- Diarrhea that does not go away.
- Increased shortness of breath.
- Pain or burning with urination.
- Sore throat.
- Watch for signs of shingles: pain, blisters or a skin rash that may look like chicken pox.

What to watch for:

- Unusual bleeding. Call us right away.
- Constipation. Use your laxatives as needed. Do not use a suppository or enema.
- Numbness and tingling in your fingers and toes.
- Increase swelling of the feet, legs, arms and hands.

We encourage you to:

- Eat and drink well (at least 2 liters of non-caffeinated beverages a day).
- Practice good hygiene.
- Practice good mouth care.

Possible severe or long term side effects

- A decrease in heart function.
- Bone thinning/weakening.
- Potential future bone marrow damage.
- Back pain at injection site.

Birth control

- If you are of child bearing age, we advise that you use birth control.



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