

# Drug Information Sheet("Kusuri-no-Shiori")

Injection

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The information on this sheet is based on approvals granted by the Japanese regulatory authority. Approval details may vary by country. Medicines have adverse reactions (risks) as well as efficacies (benefits). It is important to minimize adverse reactions and maximize efficacy. To obtain a better therapeutic response, patients should understand their medication and cooperate with the treatment.

**Brand name:**Alkeran for Intravenous Infusion 50mg

**Active ingredient:**Melphalan

**Dosage form:**injection

**Print on wrapping:**



## Effects of this medicine

This medicine is used before hematopoietic stem cell transplantation, and helps transplanted hematopoietic stem cells to work normally in the bone marrow by exerting antitumor effect and myelosuppressive action.

It is usually used for transplantation in patients with leukemia, malignant lymphoma, multiple myeloma or solid tumor in children.

## Before using this medicine, be sure to tell your doctor and pharmacist

- If you have previously experienced any allergic reactions (itch, rash, etc.) to any medicines.  
If you have serious infections.
- If you are pregnant or breastfeeding.
- If you are taking any other medicinal products. (Some medicines may interact to enhance or diminish medicinal effects. Beware of over-the-counter medicines and dietary supplements as well as other prescription medicines.)

## Dosing schedule (How to take this medicine)

- Your dosing schedule prescribed by your doctor is<< to be written by a healthcare professional>>
- In general, inject this medicine intravenously or as a drip infusion once a day.  
This medicine is usually administered for 2 to 3 days before performing hematopoietic stem cell transplantation.

## Precautions while taking this medicine

### Possible adverse reactions to this medicine

The most commonly reported adverse reactions include infection, diarrhea, stomatitis/mucositis and nausea/vomiting. If any of these symptoms occur, consult with your doctor or pharmacist.

**The symptoms described below are rarely seen as initial symptoms of the adverse reactions indicated in brackets. If any of these symptoms occur, stop taking this medicine and see your doctor immediately.**

- fever, general malaise, cold-like symptoms [infection and bleeding]
- breathing difficulty, hives, swelling around eyes and lips [shock, anaphylactoid symptoms]
- chest pain, palpitation, shortness of breath [cardiac myopathy, arrhythmia]
- fever, cough without phlegm, breathing difficulty [interstitial pneumonia, pulmonary fibrosis]
- fatigability, general malaise, shortness of breath [hemolytic anemia]

**The above symptoms do not describe all the adverse reactions to this medicine. Consult with your doctor or pharmacist if you notice any symptoms of concern other than those listed above.**

## Storage conditions and other information

**For healthcare professional use only** / /

For further information, talk to your doctor or pharmacist.