Cyclophosphamide





General description

Cyclophosphamide is an antineoplastic alkylating agent, used in the treatment of many cancers.

INN	Cyclophosphamide
ATC codes	L01AA01
Medicine type	Chemical agent
EML status history	First added in 1977 (TRS 615) for Diffuse large B-cell lymphoma, not otherwise specified Changed in 1977 (TRS 615) for Chronic lymphocytic leukaemia or small lymphocytic lymphoma Changed in 1977 (TRS 615) for Rhabdomyosarcoma primary site Changed in 1977 (TRS 615) for Hodgkin lymphoma Changed in 1977 (TRS 615) for Other specified malignant neoplasms of breast Changed in 1977 (TRS 615) for Follicular lymphoma Changed in 1977 (TRS 615) for Malignant trophoblastic neoplasms of placenta Changed in 1977 (TRS 615) for Malignant neoplasms of breast Changed in 1977 (TRS 615) for Burkitt lymphoma including Burkitt leukaemia Changed in 1977 (TRS 615) for Lymphoid leukaemia, not elsewhere classified Changed in 1977 (TRS 615) for Ewing sarcoma of bone or articular cartilage of unspecified sites Changed in 1977 (TRS 615) for Unspecified malignant neoplasms of unspecified sites Removed in 2015 (TRS 994) for Unspecified malignant neoplasms of unspecified sites Added in 2019 (TRS 1021) for Plasma cell myeloma Changed in 2021 (TRS 1035) for Other specified gliomas of brain Changed in 2021 (TRS 1035) for Malignant neoplasms of kidney, except renal pelvis Changed in 2023 (TRS 1049) for Anaplastic large cell lymphoma, ALK-positive Changed in 2023 (TRS 1049) for Anaplastic large cell lymphoma, ALK-negative
Wikipedia	Cyclophosphamide
DrugBank	Cyclophosphamide

Recommendations

- Parenteral > General injections > IV: 500 mg in vial powder for injection; 1 g in vial powder for injection; 2 g in vial powder for injection
- Oral > Solid > dosage form: 25 mg; 50 mg
- Oral > Solid: 25 mg tablet
- Parenteral > General injections > unspecified: 500 mg in vial powder for injection

Indications

Diffuse large B-cell lymphoma, not otherwise specified

Chronic lymphocytic leukaemia or small lymphocytic lymphoma

Malignant neoplasms of breast

Malignant trophoblastic neoplasms of placenta

Follicular lymphoma

Other specified malignant neoplasms of breast

Hodgkin lymphoma

Rhabdomyosarcoma primary site

Ewing sarcoma of bone or articular cartilage of unspecified sites

Lymphoid leukaemia, not elsewhere classified

Burkitt lymphoma including Burkitt leukaemia

Unspecified malignant neoplasms of unspecified sites

Plasma cell myeloma

Other specified gliomas of brain

Malignant neoplasms of kidney, except renal pelvis

Anaplastic large cell lymphoma, ALK-positive

Anaplastic large cell lymphoma, ALK-negative