

## *Supplementary Material*

**Table 4 (completed). ADR according to the affected system and suspicious drugs\***

<b>ADR according to the affected system</b>	<b>n (%)</b>	<b>Suspicious study drugs</b>	<b>Other suspicious drugs</b>
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## Supplementary Material

Blood and lymphatic system disorders	96 (32.8)	Thioguanine (42), pegaspargase (39), <i>Erwinia</i> asparaginase (19), defibrotide (3), rituximab (3), dasatinib (2), <i>E. coli</i> asparaginase (2)	Cytarabine (53), cyclophosphamide (37), vincristine (38), dexamethasone (36), methotrexate (20), mercaptopurine (15), doxorubicin (16), daunorubicin (8), etoposide (8), methylprednisolone (6), cyclosporine (4), mycophenolic acid (2), trimethoprim/sulfamethoxazole (2), busulfan (1), daunoblastin (1), fludarabine (1), hydrocortisone (1), mitoxantrone (1), piperacillin/tazobactam (1), prednisone (1), thiotepa (1)
Infections and infestations	86 (29.4)	Thioguanine (32), pegaspargase (27), <i>Erwinia</i> asparaginase (14), rituximab (13), <i>E. coli</i> asparaginase (2), defibrotide (1), eltrombopag (1), infliximab (1)	Cytarabine (38), vincristine (29), cyclophosphamide (24), dexamethasone (23), methotrexate (18), mercaptopurine (13), daunorubicin (10), methylprednisolone (10), doxorubicin (9), mycophenolic acid (6), cyclosporine (4), hydrocortisone (3), etoposide (2), piperacillin/tazobactam (2), prednisone (2), ifosfamide (1), ruxolitinib (1), vindesine (1)
Gastrointestinal disorders	23 (7.8)	Pegaspargase (11), thioguanine (6), <i>Erwinia</i> asparaginase (5), <i>E. coli</i> asparaginase (1)	Cytarabine (11), dexamethasone (11), vincristine (11), methotrexate (10), cyclophosphamide (7), mercaptopurine (6), doxorubicin (4), daunorubicin (2), ifosfamide (1), vindesine (1)
Metabolism and nutrition disorders	22 (7.5)	Pegaspargase (21), <i>Erwinia</i> asparaginase (1)	Dexamethasone (11), methotrexate (2), methylprednisolone (2), daunorubicin (1), mercaptopurine (1), vincristine (1)
General disorders and administration site conditions	16 (5.5)	Thioguanine (7), pegaspargase (6), rituximab (2), <i>Erwinia</i> asparaginase (1), <i>E. coli</i> asparaginase (1), imatinib (1)	Cyclophosphamide (8), cytarabine (8), vincristine (6), dexamethasone (5), doxorubicin (4), methotrexate (2), mycophenolic acid (1)
Skin and subcutaneous tissue disorders	13 (4.4)	Pegaspargase (9), <i>Erwinia</i> asparaginase (2), defibrotide (1), thioguanine (1)	Cytarabine (2), dexamethasone (2), mercaptopurine (2), methotrexate (2), vincristine (2), cyclophosphamide (1), heparin (1), mitoxantrone (1)
Respiratory, thoracic and mediastinal disorders	10 (3.4)	Rituximab (4), thioguanine (3), pegaspargase (2), <i>Erwinia</i> asparaginase (1), nelarabine (1)	Cyclophosphamide (4), cytarabine (2), etoposide (1), mercaptopurine (1), methotrexate (1), cyclosporine (1)
Hepatobiliary disorders	8 (2.7)	Pegaspargase (3), eltrombopag (2), <i>Erwinia</i> asparaginase (2), thioguanine (1)	Fluconazole (3), methotrexate (3), vincristine (2), amphotericin B (1), cyclophosphamide (1), cytarabine (1), daunorubicin (1), dexamethasone (1), doxorubicin (1), mercaptopurine (1), mesna (1), mycophenolic acid (1), posaconazole (1)
Nervous system disorders	5 (1.7)	Pegaspargase (3), nelarabine (1), dasatinib (1)	Daunorubicin (3), vincristine (3), cyclophosphamide (1), etoposide (1), methylprednisolone (1)
Immune system disorders	3 (1.0)	Rituximab (2), pegaspargase (1)	Mycophenolic acid (1)
Renal and urinary disorders	3 (1.0)	Defibrotide (2), <i>Erwinia</i> asparaginase (1)	Cyclosporine (2), cytarabine (1), dexamethasone (1), etoposide (1), mycophenolic acid (1)
Vascular disorders	3 (1.0)	Pegaspargase (2), rituximab (1)	Cytarabine (1), dexamethasone (1), etoposide (1), hydrocortisone (1), mercaptopurine (1), methotrexate (1)
Eye disorders	2 (0.7)	Defibrotide (2)	Heparin (2)
Reproductive system and breast disorders	1 (0.3)	<i>Erwinia</i> asparaginase (1)	Dexamethasone (1), methotrexate (1), vincristine (1)
Musculoskeletal and connective tissue disorders	1 (0.3)	Imatinib (1)	

Psychiatric disorders	1 (0.3)	Eltrombopag (1)	
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\*More than one drug could be involved in an ADR.

**Table 6. Principal ADR identified during the follow-up with no drugs of the study list involved as suspicious\***

ADR according to the affected system	n (%)	Suspicious drugs in $\geq 2$ ADR
Pancytopenia	20 (6.8)	Cytarabine (15), mercaptopurine (13), cyclophosphamide (7), dexamethasone (7), methotrexate (5), vincristine (4), doxorubicin (2)
Anemia	18 (6.1)	Cytarabine (12), mercaptopurine (12), vincristine (5), cyclophosphamide (4), dexamethasone (4), doxorubicin (4)
Thrombocytopenia	15 (5.1)	Cytarabine (10), mercaptopurine (10), cyclophosphamide (3), dexamethasone (2), doxorubicin (2), vincristine (2)
Stomatitis	12 (4.1)	Dexamethasone (6), methotrexate (6), mercaptopurine (5), vindesine (5), doxorubicin (3), busulfan (2), cytarabine (2), fludarabine (2)
Hepatitis	10 (3.4)	Cytarabine (6), methotrexate (6), dexamethasone (5), cyclophosphamide (4), mercaptopurine (3), mesna (3), vincristine (3)
Rhinovirus infection	10 (3.4)	Dexamethasone (5), cytarabine (4), cyclosporine (3), methotrexate (3)
Vomiting	10 (3.4)	Cyclophosphamide (5), mesna (4), mercaptopurine (2), methotrexate (2), pentamidine (2)
Febrile neutropenia	9 (3.0)	Mercaptopurine (5), dexamethasone (3), doxorubicin (3), methotrexate (3), vincristine (3), cytarabine (2)
Acute renal failure	8 (2.7)	Methotrexate (3), acyclovir (2), amlodipine (2), spironolactone (2), furosemide (2)
Agranulocytosis	7 (2.4)	Cyclophosphamide (3), mercaptopurine (3), cytarabine (2), fludarabine (2)
Fever	7 (2.4)	Mercaptopurine (6), cytarabine (5), methotrexate (3), cyclophosphamide (2), anti-thymocyte globulin (2)
Respiratory tract viral infection	7 (2.4)	Mercaptopurine (5), methotrexate (4), cytarabine (2)
Other	162 (54.8)	

\*More than one drug could be involved in an ADR.