

Supplementary File S2. Chemotherapeutic Agents and Corticosteroids

A. Overview of groups of chemotherapeutic agents and corticosteroids administered in children three months after diagnosis.

| Chemotherapy groups | Three months after diagnosis | |
|---------------------------|------------------------------|-----------|
| | N=276 | |
| | Total | <7 days |
| | N (%) | N (%) |
| Alkylating agents | 216 (79) | 16 (5.8) |
| Antimetabolites | 192 (70) | 34 (12) |
| Anthracycline antibiotics | 197 (71) | 3 (1.1) |
| Asparaginase | 128 (46) | 19 (6.9) |
| Oncolytica | 4 (1.4) | 2 (0.7) |
| Protein kinase inhibitors | 8 (2.9) | 7 (2.5) |
| Topo-isomerase inhibitors | 86 (31) | 1 (0.4) |
| Vinca-alkaloids | 235 (85) | 18 (6.5) |
| Corticosteroids | Total | <48 hours |
| | N (%) | N (%) |
| Treatment protocol | 243 (89) | 2 (0.7) |
| Other [^] | 5 (1.8) | 20 (7.2) |

Chemotherapeutic agents or corticosteroids administered three months after diagnosis.

[^]Including corticosteroids used as supportive care drugs e.g. as anti-emetic drugs.

B. Group Classification of Chemotherapeutic Agents and Corticosteroids

Alkylating agents: Cyclofosfamide, Dacarbazine, Ifosfamide, Lomustine, Thiotepa, Busulfan, Temozolomide, Melfalan, Bendamustine, Carmustine, Treosulfan

Antimetabolites: Cytarabine, Fludarabine, Fluorouracil, Mercaptopurine, Methotrexat, Tioguanine, Azacitidine, Clofarabine, Gemcitabine, Nelarabine 5 mg/ml

Anthracycline antibiotics: Bleomycine, Dactinomycine, Daunorubicine, Doxorubicine, Mitoxantrone, Daunorubicin+Cytarabin, Daunorubicine, Idarubicine

Asparaginase: Pegasparaginase (Oncaspar), Spectrila, Erwinase, Asparaginase, E.Coli (Spectrila) Asparaginase, Erwinia (Crisantaspase)

Oncolytica: Arseentrioxide

Protein kinase inhibitor: Bortezomib, Imatinib, Quizartinib, Brigatinib, Dasatinib, Ruxolitinib, Ponatinib, Crizotinib

Topo-isomerase inhibitor: Etoposide, Irinotecan, Topotecan

Vinca-alkaloids: Vinblastine, Vincristine, Vindesine, Vinorelbine

Corticosteroids: Dexamethason, Methylprednisolon, Prednisolon, Hydrocortison