**S2 Table : Diagnosis and sperm concentration in relation to cancer treatment**. Details on the molecules and the cumulative dose received are given for each participating CCS according to the classes of drugs, Underlined numbers correspond to male CCS diagnosed before puberty.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CCS** | **Type**  | **Sperm**  | **Vinca**  | **Alkylating**  | **Anthracyclines** | **Corticosteroids** | **Other**  |
|  | **of**  | **count** | **Alkaloids** | **agents** | **(mg/m2)** | **(mg/m2)** |  |
|  | **cancer** | **(Millions)** | **(mg/m2)** | **(CED mg/m2)** |  |  |  |
| **#1** | HL | 0 | Vincristine | Mustargen | DXO (200) | Prednisone (40)  | - |
|  |  |  | Vinblastine (60) | Procarbazine (4286) | Bleomycin (80) | Dexamethasone |  |
| **#2** | NHL | 2.4 | Vincristine (11) | CPA (2250) | DXO (120) | Prednisone (360)  | G-CSF  |
|  |  |  |  |  |  | Hydrocortisone | Methotrexate |
|  |  |  |  |  |  |  | Cytarabine |
| **#3** | ALL | 854.7 | Vincristine (30) | - | - | Prednisone (4440) | Methotrexate |
|  |  |  |  |  |  |  | L-Asp.  |
|  |  |  |  |  |  |  | Cytarabine |
|  |  |  |  |  |  |  | 6-MP |
| **#4** | HL | 0 | Vincristine | Mustargen (4800) | DXO (175) | Dexamethasone | Radiation  |
|  |  |  | Vinblastine (54) |  | Bleomycin (70) |  |  |
| **#5** | HL | 40.1 | Vincristine (7) | CPA (5250) | DXO (350) | Prednisone (188)  | Radiation  |
|  |  |  |  |  |  | Dexamethasone | Rituxan |
| **#6** | HL | 76.3 | Vincristine (8) | CPA (3600) | DXO (150) | Prednisone (840) | Radiation |
|  |  |  |  |  |  |  | G-CSF |
| **#7** | HL | 88.2 | Vincristine (44.8) | CPA (3200) | DXO (200)  | Prednisone (1120) | Radiation |
|  |  |  |  |  | Bleomycin (60) |  | Etoposide |
|  |  |  |  |  |  |  | G-CSF |
| **#8** | HL | 147.4 | Vincristine (11.2) | CPA (5200) | DXO (100) | Prednisone (1120) | Radiation  |
|  |  |  |  |  | Bleomycin (60) | Hydrocortisone | Etoposide |
|  |  |  |  |  |  |  | G-CSF  |
|  |  |  |  |  |  |  | Singulair |
| **#9** | HL | 194.6 | Vincristine (10.5) | - | DXO (175) | - | Etoposide |
|  |  |  |  |  | Bleomycin (70) |  |  |
| **#10** | ALL | 1792.3 | Vincristine (78) | - | DXO (360) | Prednisone (20040)  | Radiation |
|  |  |  |  |  |  | Hydrocortisone | Septra |
|  |  |  |  |  |  |  | Methotrexate |
|  |  |  |  |  |  |  | L-Asp.  |
|  |  |  |  |  |  |  | Cytarabine  |
|  |  |  |  |  |  |  | 6-MP |

CCS: Childhood Cancer Survivor, ALL: Acute Lymphoblastic Leukemia, HL: Hodgkin's Lymphoma, NHL: Non-Hodgkin's Lymphoma, CPA: Cyclophosphamide, DXO: Doxorubicin, L-Asp: L-Asparaginase, 6-MP: mercaptopurine.