

Recommendations for Post Infusion Cooling Times with DigniCap®

- Drug dose: amount of drug [mg] / m² body surface area [BSA]
BSA depends on body weight and height
Describing/calculating the external body surface [m²]
Administered drug amount [mg] is calculated using BSA
- AUC: area under the curve [Unit: (Mass/Volume)×time]
The integral of the concentration-time curve (after a single dose or in steady state)

Chemotherapy	Post Infusion Cooling Time
Abraxane (Paclitaxel Albumin-bound) 150 mg/m ²	120 min
Abraxane (Paclitaxel Albumin-bound) 260 mg/m ² q 3w	150 min
Carboplatin n. AUC 6 (Cockroft-Gault) Gemzar (Gemcitabine) 1000mg/m ²	60 min
Carboplatin n AUC 6	60 min (no experience as single drug)
Cisplatin 50 mg/m ²	45 min
Cisplatin 50mg/m ² Gemzar 1700mg/m ²	60 min
Cisplatin 72 mg/m ² Gemzar 1800 mg/m ²	60 min
Cyclophosphamide (Cytoxan) 750 mg/m ²	90 min
Docetaxel (Taxotere) 60 mg/m ²	60 min
Docetaxel 75 mg/m ²	90 min
Docetaxel 100 mg/m ²	100 min
TC: Docetaxel (Taxotere) 75 mg/m ² Cyclophosphamide 600mg/m ²	90 min
TAC: Docetaxel (Taxotere)75mg/m ² Doxorubicin (Adriamycin) 50mg/m ² Cyclophosphamide (Cytoxan) 500mg/m ²	120 min **Scalp cooling is not recommended with this regimen when all 3 drugs are given same day.
TEC: Docetaxel 75mg/m ² Epirubicin 75 mg/m ² Cyclophosphamide 500 mg/m ²	120 min **Scalp cooling is not recommended with this regimen when all 3 drugs are given same day.
TCH: Docetaxel 75 mg/m ² Carboplatin AUC 6 Trastuzumab (Herceptin)	90 min (because of 75mg/m ² Doc)
Doxorubicin liposomal (Caelyx, Myocet) 50 mg/m ²	60 min
Doxorubicin (Adriamycin) 60-75 mg/m ²	90 min
Doxorubicin 80-100 mg/m ²	150 min

Doxorubicin 60-75 mg/m ² Cyclophosphamide 600mg/m ²	120 min
Epirubicin weekly 20-30 mg/m	60 min
Epirubicin 75-100 mg/m ²	120 min
EC: Epirubicin 90-100 mg/ m ² Cyclophosphamide 500-600 mg/m ²	120 min
Eribulin (Halaven) 1,23mg/m ²	120 min
Etoposide (VP-16)	120 min
Enhertu (Fam- trastuzumab Deruxtecan-nxki)	120 min
FEC: Fluorouracil 500-600 mg/m ² Epirubicin 60 mg/ m ² Cyclophosphamide 500-600 mg/m ²	60 min
FEC: Fluorouracil 500-600 mg/m ² Epirubicin 75 mg/ m ² Cyclophosphamide 500-600 mg/m ²	90 min
FEC: Fluorouracil 500-600 mg/m ² Epirubicin 90-100 mg/ m ² Cyclophosphamide 500-600 mg/m ²	120 min
FAC: Fluorouracil 500 mg/m ² Adriamycin 60 mg/m ² Cyclophosphamide 500 mg/m ²	120 min
Irinotecan 180-360 mg/m ² single or in combination with Fluorouracil 500 mg/m ² day 1 and 2	90 min
Paclitaxel 80-90 mg/m ²	60 min
Paclitaxel 175 mg/m ²	100 min
Paclitaxel (Taxol) 90mg/m ² Bevacizumab (Avastin) 10mg/m ²	60 min
Paclitaxel 175 mg/m ² Epirubicin 60-75 mg/m ² (Carboplatin)	120 min
Paclitaxel 175 mg/m ² Carboplatin n AUC5	120 min
Trodelvy (Sacituzumab Govitecan)	120 min
Topotecan (Hycamtin) 1,0 mg/m ²	120 min
Vinorelbine (Navelbine) 25mg/m ²	90 min