

## RECOMMENDED COOLING TIMES

Drug Regimen	Minimum Recommended Pre-Cooling Time	+	Infusion Time	+	Minimum Recommended Post infusion cooling time
FEC (Epi 60mg/m <sup>2</sup> )	30 - 45 mins	+	Time to infuse drugs	+	1 - 1½ hours
FEC (Epi 75mg-90mg/m <sup>2</sup> )	30 - 45 mins	+	Time to infuse drugs	+	1½ - 2 hours
CMF	30 - 45 mins	+	Time to infuse drugs	+	1 hour
AC (Dox 60mg/m <sup>2</sup> )	45 mins	+	Time to infuse drugs	+	2½ hours
MMM	30 - 45 mins	+	Time to infuse drugs	+	2 hours
Paclitaxel (Taxol) weekly (90mg/m <sup>2</sup> )	30 - 45 mins	+	Time to infuse drugs	+	1 hour
Paclitaxel (Taxol) 3 weekly (175mg/m <sup>2</sup> )	30 - 45 mins	+	Time to infuse drugs	+	1½ hours
Docetaxel (Taxotere) (100mg/m <sup>2</sup> )	30 - 45 mins	+	Time to infuse drugs	+	2 hours
Irinotecan (Campto) (350mg/m <sup>2</sup> )	30 - 45 mins	+	Time to infuse drugs	+	1½ - 2 hours
Etoposide	30 - 45 mins	+	Time to infuse drugs	+	2 hours
Epirubicin single agent and combinations 60mg/m <sup>2</sup>	30 - 45 mins	+	Time to infuse drugs	+	1- 1½ hours
75mg/m <sup>2</sup>	30 - 45 mins	+	Time to infuse drugs	+	1½ - 2 hours
90mg/m <sup>2</sup>	30 - 45 mins	+	Time to infuse drugs	+	2 hours
≥100mg/m <sup>2</sup>	45 mins	+	Time to infuse drugs	+	2 hours
Doxorubicin single agent and combinations <60mg/m <sup>2</sup>	30 - 45 mins	+	Time to infuse drugs	+	1 hour
60-75mg/m <sup>2</sup>	30 - 45 mins	+	Time to infuse drugs	+	2 hours
80-90mg/m <sup>2</sup>	45 mins	+	Time to infuse drugs	+	2 hours
≥100mg/m <sup>2</sup>	45 mins	+	Time to infuse drugs	+	2 hours

Recommendations for post infusion cooling times are based on peak plasma concentrations, drug half life, potential interactions, recent trials and the experience of current users of the Paxman Scalp Hair Loss Prevention System. Post cooling times are to be calculated after the infusion of the agent which causes alopecia.

It is recommended that patient's hair is dampened with water and hair conditioner (ph neutral) is applied to improve scalp contact and reduce the insulation effect of hair

Abnormal LFT's may necessitate an increase in the cooling time if possible.

Results with Afro-Caribbean hair are less successful, and it is advisable to increase cooling times by ½ to 1 hour.

**IMPORTANT** - if any patient experiences significant hair loss after the first cycle, the post-infusion time may be increased by 1/2 to 1 hour to improve the success rate.

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