

Cancer chemotherapy affects rapidly dividing cells and at any given time, 90% of human hair follicles are in the actively dividing phase. Hair loss frequently occurs due to partial or total atrophy of the hair root bulb, causing constriction of the hair shaft, which then breaks off easily.

Scalp cooling works by lowering the temperature of the head and scalp immediately before, after and during the administration of chemotherapy. This in turn reduces the blood flow to the hair follicles, thus preventing or minimising the damage, meaning that hair loss is not inevitable.

Although successful scalp cooling depends on many factors, research and studies - several of which can be found in our downloads and resources centre – have shown that scalp cooling can be effective across a wide range of chemotherapy drugs such as; Epirubicin, Doxorubicin, Taxol and Taxotere.

Many patients experience great concern over the possibility of hair loss during what is already a distressing time and scalp cooling provides the only real alternative to hair loss with the use of many chemotherapy drugs. It can result in a high level of retention or complete hair preservation which can improve patients' self confidence leading to positive attitudes towards treatment. Find more information <http://www.paxman-coolers.co.uk/>

Costs: 30 €/per/day

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