

WE DO NOT PRESCRIBE B17 AT THE DOVE CLINIC

## HIGH DOSE INTRAVENOUS VITAMIN C

Vitamin C is most commonly used as an antioxidant. Recent work has shown that it can be used to destroy cancer cells in a non-toxic way when used in very large doses, and these large doses can only be achieved by intravenous use. In this situation vitamin C acts as a pro-oxidant, and destroys cancer cell membranes, and produces hydrogen-peroxide. The reason that cancer cells are more vulnerable to this approach, is that they have 10-100 times less catalase enzymes present in them. Therefore vitamin C tends to concentrate in cancer cells when given at this high dose, and therefore destroys these cancer cells.

The levels we give are 75 grams of vitamin C in an intravenous drip with a mixture of minerals and other vitamins included, and also some amino acids. We have to give this every day for 3 weeks (excluding weekends). We try to reach a serum level of between 350-400 milligrams per 100cc's. At that level we are achieving maximal cancer cell destruction. Generally speaking patients on this intravenous treatment programme often become tired as there is such a lot of cancer cell destruction going on. We often combine this with B17 intravenously, which also concentrates in cancer cells and can destroy these cells. At the end of this programme we often ask patients to collect 2 litres of urine, and we extract tumour antigen, that is proteins on the cell surfaces of cancer cells, and we make specific cancer vaccines for these patients, specific to their tumours, known as Dendritic Cell therapy vaccines. This then turns on the patient's specific white cells, which then search out the cancer cells and kill them. This is the normal mechanism operating in all healthy people to kills off rogue cells which otherwise might develop into cancer cells. For further details look at [www.doveclinic.com](http://www.doveclinic.com).

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