

***Tissu-Trans FILTRON***

***Mesenchymal stem cells (MSC) are considerably smaller than adipocytes.***

***Do you have any data on the content of MSC's after filtering through the Filtron?***

In response to the inquiry about the possibility of stem cells being in the liquid filtrate. The purpose of the filter is the same as decanting and centrifuging, merely to rid the specimen of unwanted liquids and broken cells. The advantage of the filter is to do this separation during the procedure, thus saving time.

We have tested this very thoroughly, even with growth of the filtrand and the filtrate in immune rodents. There was no significant growth when transplanting the Filtrate (liquid waste portion) into the rodents compared to 80% growth when transplanting the Filtrand (solid fat portion). This has not been published yet but will be submitted soon.

This also reinforces the theory that the stem cells are not floating free but are attached to the walls of the more mature cells. If floating free they would be in the liquid and if in the liquid, we would have seen growth of the Filtrate transplants, which we did not.

