

ABSTRACT

CELL REMOVING METHOD

In the transplant of a living organism tissue, such as a heart valve, taken from an animal, etc. into a human body, a cell removing solution for removing original cells from the living organism tissue is provided with flow approximately equal to the bloodstream of transplant recipient living body, and the living organism tissue is placed in the flow so as to effect immersion of the living organism tissue in the cell removing solution. In the immersion, it is preferred that the living organism tissue placed in the cell removing solution, while being rotated, be irradiated with microwave. As a result, original cells can be removed from the living organism tissue uniformly and reliably, so that the biocompatibility of living organism tissue after transplant can be enhanced.

Figure 3