

ABSTRACT

Disclosed is a regenerative cell extraction system. The regenerative cell extraction system according to an embodiment of the present invention includes a first unit, a second unit, and a transfer unit. The first unit collects tissues by vacuum suction, separates blood contaminants from the collected tissues by agitation and centrifugation, and separates cells from the tissues from which blood contaminants have been separated to discharge the cells suspended in liquid. The cells suspended in liquid are inputted from the first unit into the second unit, regenerative cells are separated by centrifugation in the second unit, and the capacity of the second unit is smaller than that of the first unit. The transfer unit is connected between the first unit and the second unit, injects washing water into the first unit and the second unit, delivers extracts from the first unit and the second unit to the corresponding bags, and inputs cells suspended in liquid extracted in the first unit into the second unit or transfers tissues and cell contaminants. The tissues are fat tissues and the regenerative cells are fat-derived stem cells.