

LipiGuard® SB Reinfusion Filter for Salvaged Blood



Reduces fat, leukocyte, anaphylatoxin C3a and microaggregate debris found in salvaged blood

- Combines LipiGuard filter media technology with 40 µm lock woven microaggregate screen
- Designed for use with either intra- or post-operatively salvaged blood that may be washed or unwashed, thereby reducing inventory requirements for a number of different filter products
- Low volume (20 mL) housing allows excellent blood product recovery
- High flow rate for rapid infusion
- Easy spike insertion with a secure hold and rapid filter priming
- Effectively replaces conventional microaggregate filters
- Latex free

Performance Characteristics

Fat, leukocyte and C3a (and its immunosuppressive metabolite C3a des Arg⁷⁷) were studied for both washed and unwashed salvaged blood, obtained intra-operatively and post-operatively, for the following procedures:

- total hip replacement
- coronary artery bypass graft
- knee arthroplasty
- prostatectomy
- discectomy
- ortho-laminectomy
- femoral osteotomy

No statistically significant differences were found for the filter performance using either washed or unwashed, intra- or post-operatively collected blood. Combined performance data are summarized in Figure 1.

*Pre-filtration fat concentrations (globules/mL) averaged 21,452, 2,081 and 542 for ranges <9, 9-40 and >40 μ m, respectively. Fat challenge (volume) was calculated as the product of fat concentration (globules/mL) and volume of blood product (mL). The total volume of fat for each of the three ranges of fat globule sizes was calculated from estimates using the diameters 5, 25 and 60 μ m for ranges of fat sizes (<9, 9-40 and >40 μ m) measured, respectively. Data on file.

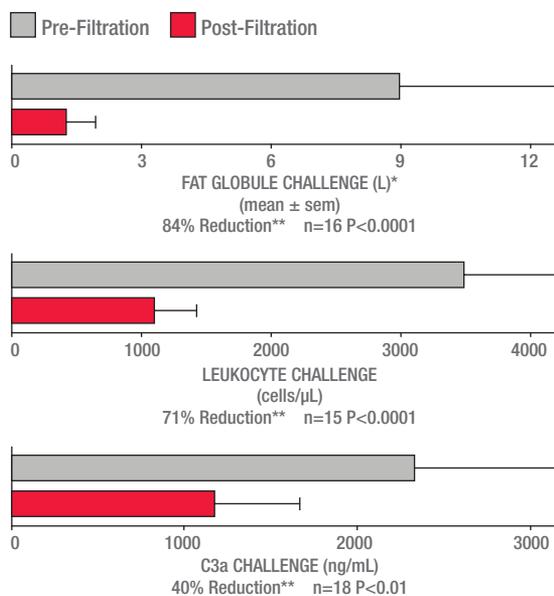
**P values shown resulted from a test of the null hypothesis that the mean Percent Reduction (shown) did not differ from zero (no reduction). All parameters show statistically significant reduction in the variables illustrated.

Ordering Information

Reorder Code	Description	Pkg
SB1E	Reinfusion Filter for Salvaged Blood	40/case

Figure 1

Combined Performance Data



RxOnly

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