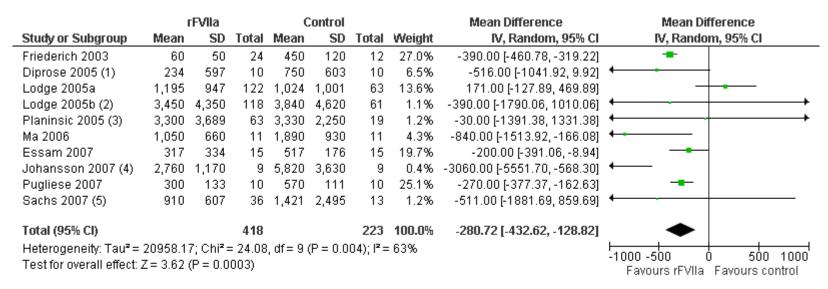
**Appendix 2:** Forest plots of summary estimates of outcomes (total blood loss, red blood cell transfusion and number of patients receiving transfusions) from randomized controlled trials of the off-label prophylactic use of recombinant factor VIIa (rFVIIa) in patients without hemophilia

## Total blood loss, mL

	rFVIIa			Control			Mean Difference		Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI	IV, Random, 95% CI
Friederich 2003 (1)	1,138	285	24	2,688	1,376	12	2.7%	-1550.00 [-2336.84, -763.16]	←
Diprose 2005 (2)	438	344	10	770	634	10	6.9%	-332.00 [-779.07, 115.07]	<del></del>
Lodge 2005a	1,222	1,149	122	1,422	1,271	63	9.0%	-200.00 [-574.26, 174.26]	<del></del>
Lodge 2005b (3)	8,009	9,847	99	8,552	10,658	44	0.1%	-543.00 [-4241.62, 3155.62]	<b>←</b>
Ma 2006	246	42	11	381	69	11	28.4%	-135.00 [-182.74, -87.26]	+
Essam 2007	435	94	15	620	108	15	27.2%	-185.00 [-257.46, -112.54]	-
Sachs 2007 (4)	1,680	1,285	36	2,270	2,659	13	0.8%	-590.00 [-2095.14, 915.14]	<del></del>
Pugliese 2007	740	131	10	1,140	112	10	24.9%	-400.00 [-506.82, -293.18]	-
Total (95% CI)			327			178	100.0%	-275.82 [-410.51, -141.14]	•
Heterogeneity: Tau² = Test for overall effect:	-1000 -500 0 500 1000 Favours rFVIIa Favours control								

- (1) Friederich 2003 = Data converted from median/IQR provided in the publication
- (2) Diprose 2005 = Additional data obtained from author
- (3) Lodge 2005b = Additional data obtained from author
- (4) Sachs 2007 = Unadjusted analysis used as data provided as mean/SD. Adjusted analysis favoured rFVIIa group.

## Red blood cell transfusion, mL



- (1) Diprose 2005 = Additional data obtained from author
- (2) Lodge 2005b = Additional data obtained from author
- (3) Planinsic 2002 = Data converted from median/IQR provided in the publication
- (4) Johansson 2007 = Additional data obtained from author
- (5) Sachs 2007 = Unadjusted analysis used as data provided as mean/SD. Adjusted analysis favoured rFVIIa group.

## **Number of patients receiving transfusions**

	rFVIIa		Contr	ol		Odds Ratio	Odds Ratio				
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% CI	M-H, Fixed, 95% CI				
Friederich 2003	3	24	7	12	10.4%	0.10 [0.02, 0.54]					
Diprose 2005	3	10	8	10	7.1%	0.11 [0.01, 0.84]	<del></del>				
Lodge 2005a	41	122	23	63	25.5%	0.88 [0.47, 1.66]	<del>-</del>				
Lodge 2005b	108	118	61	61	9.0%	0.08 [0.00, 1.46]	<del></del>				
Raobaikady 2005	11	24	16	24	11.0%	0.42 [0.13, 1.36]	<del></del>				
Ekert 2006	30	40	29	36	9.7%	0.72 [0.24, 2.16]	<del></del>				
Shao 2006	63	145	29	76	27.3%	1.25 [0.71, 2.20]	<del> </del>				
Total (95% CI)		483		282	100.0%	0.71 [0.50, 0.99]	<b>◆</b>				
Total events	259		173								
Heterogeneity: Chi <sup>2</sup> = 15.57, df = 6 (P = 0.02); I <sup>2</sup> = 61%											
Test for overall effect:	Z = 2.00 (	0.01 0.1 1 10 100 Favours rFVIIa Favours control									