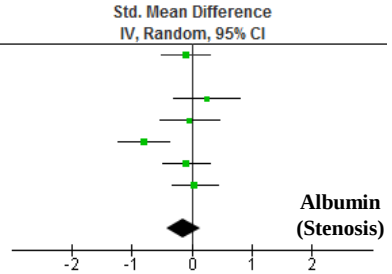
a

Study or Subgroup	Unsuccessful AVF Mean	SD	Total	Successful AVF Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
Bilgic 2015	3.87	0.36	51	3.91	0.42	43	17.7%	-0.10 [-0.51, 0.30]
Bojakowski 2012	3.2	1.1	11	4	0.4	34	0.0%	-1.24 [-1.97, -0.51]
Jaberi 2007	3.4	0.4	18	3.3	0.4	40	13.4%	0.25 [-0.31, 0.80]
Kim 2013	3.8	3.5	34	3.9	2.2	30	15.2%	-0.03 [-0.52, 0.46]
Kirkpantur 2008	3.67	0.26	38	3.95	0.39	61	17.3%	-0.80 [-1.22, -0.38]
Wu 2009	3.59	0.44	41	3.63	0.43	59	18.0%	-0.09 [-0.49, 0.31]
Yilmaz 2014	3.76	0.68	64	3.73	0.56	44	18.5%	0.05 [-0.34, 0.43]
Total (95% CI)			**246**			**277**	**100.0%**	**-0.14 [-0.42, 0.15]**

Heterogeneity: Tau² = 0.07; Chi² = 12.54, df = 5 (P = 0.03); I² = 60%
Test for overall effect: Z = 0.95 (P = 0.34)

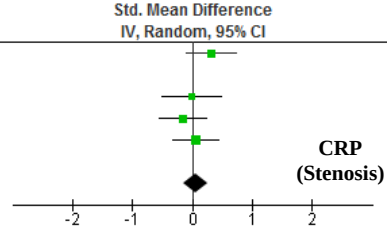


Albumin (Stenosis)

b

Study or Subgroup	Unsuccessful AVF Mean	SD	Total	Successful AVF Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
Bilgic 2015	18.77	20.48	51	13.28	12.47	43	25.8%	0.31 [-0.09, 0.72]
Bojakowski 2012	18.6	16.8	11	7.3	6.6	34	0.0%	1.12 [0.39, 1.84]
Kim 2013	3.8	13.4	34	4	15.3	30	17.9%	-0.01 [-0.50, 0.48]
Wu 2009	7.3	9.1	41	8.8	10	59	27.1%	-0.15 [-0.55, 0.24]
Yilmaz 2014	9.75	11.97	64	8.94	12.3	44	29.2%	0.07 [-0.32, 0.45]
Total (95% CI)			**190**			**176**	**100.0%**	**0.06 [-0.15, 0.26]**

Heterogeneity: Tau² = 0.00; Chi² = 2.69, df = 3 (P = 0.44); I² = 0%
Test for overall effect: Z = 0.53 (P = 0.59)

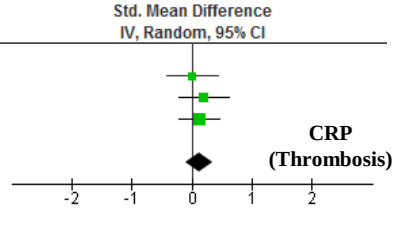


CRP (Stenosis)

c

Study or Subgroup	Unsuccessful AVF Mean	SD	Total	Successful AVF Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
Bojakowski 2012	18.6	16.8	11	7.3	6.6	34	0.0%	1.12 [0.39, 1.84]
Candan 2014	12.6	16.6	42	12.4	16.3	38	26.2%	0.01 [-0.43, 0.45]
Gagliardi 2011	11.98	9.1	37	9.83	11.4	54	28.7%	0.20 [-0.22, 0.62]
Ozdemir 2005	12.9	15	60	11.2	11.4	81	45.1%	0.13 [-0.20, 0.46]
Total (95% CI)			**139**			**173**	**100.0%**	**0.12 [-0.10, 0.34]**

Heterogeneity: Tau² = 0.00; Chi² = 0.38, df = 2 (P = 0.83); I² = 0%
Test for overall effect: Z = 1.04 (P = 0.30)



CRP (Thrombosis)