Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight (fixed)	Weight (random)	Odds Ratio M-H, Fixed + Random, 95% CI
sex, method = SLIDE							
Siddharthan/RA, 2001	10	55	1	58	0.0%	0.9%	11.63 [1.44; 94.12]
Braun-Abramowski, 1996	789	1712	469	1669	7.9%	2.4%	1.39 [1.11; 1.46]
Sirgiadis, 2014	117	142	57	116	0.3%	2.1%	3.63 [2.07; 6.36]
Ozdemir, 2011	23	36	9	36	0.1%	1.8%	3.83 [1.42; 10.34]
Brohlack, 2012	20	18	5	19	0.1%	1.8%	5.21 [1.37; 19.82]
Linkugel/J, 2002	86	118	172	236	0.7%	2.2%	1.00 [0.61; 1.64]
Thorburn/GM, 1998	156	233	158	233	0.1%	2.2%	1.02 [0.69; 1.51]
Takahu, 1991	41	81	86	252	0.0%	2.1%	1.71 [1.03; 2.84]
Ozdemir, 2011	41	81	86	252	0.0%	2.1%	1.71 [1.03; 2.84]
Brinkerjr, 2001	50	67	43	50	0.0%	2.0%	1.26 [0.61; 2.74]
Fatemi/Tamosiunienas, 2018	12	17	32	130	0.1%	1.9%	5.10 [1.56; 19.72]
Fatemi/Tamosiunienas, 2018	14	33	32	130	0.2%	1.9%	1.57 [0.70; 3.61]
Mccrindle, 2005	132	176	196	309	0.6%	2.2%	1.69 [1.11; 2.56]
Ozdemir/Ozdemirsarh, 2007	82	90	245	252	0.1%	2.1%	2.98 [0.91; 9.74]
Kim/Lj, 2017	162	5389	42	3017	1.7%	2.3%	1.72 [1.28; 2.32]
Total (fixed effect, 95% CI)		5389		3017	11.7%		1.72 [1.28; 2.32]
Total (random effects, 95% CI)						20.0%	1.82 [1.24; 1.82]
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 38.00$, df = 14 (P = 0.01); $I^2 = 63\%$
Test for overall effect (fixed effect): Z = 3.00 (P = 0.00)
Test for overall effect (random effects): Z = 2.00 (P = 0.02)
sex, method = Homogenizer/ultra tissue
Georgopoulos/D, 2006	49	53	13	20	0.1%	1.7%	1.32 [0.47; 3.66]
Ozdemir, 2011	36	36	27	36	0.0%	1.8%	3.83 [1.42; 10.34]
Pierce/D, 1997	23	42	18	34	0.2%	1.8%	1.21 [0.52; 3.05]
Jonsell, 2007	110	189	110	187	1.0%	2.2%	0.97 [0.66; 1.47]
Buck/D, 2006	56	94	51	94	0.5%	2.1%	1.99 [1.06; 3.62]
Total (fixed effect, 95% CI)		394		371	1.7%		1.54 [1.24; 2.02]
Total (random effects, 95% CI)						9.9%	1.64 [0.95; 2.57]
Heterogeneity: $Tau^2 = 0.10$; $Chi^2 = 12.17$, df = 4 (P = 0.02); $I^2 = 67\%$
Test for overall effect (fixed effect): Z = 3.70 (P = 0.00)
Test for overall effect (random effects): Z = 1.80 (P = 0.06)
sex, method = Multiplex sonology
Jonsell/A, 2016	2620	4063	2713	4063	20.4%	2.4%	0.91 [0.83; 1.00]
Rieck/J, 2016	213	362	127	714	0.9%	2.2%	6.42 [4.98; 8.46]
Total (fixed effect, 95% CI)		4425		4777	21.3%		1.13 [1.04; 1.22]
Total (random effects, 95% CI)						4.7%	2.41 [0.34; 16.92]
Heterogeneity: $Tau^2 = 0.14$; $Chi^2 = 1.27 \times 10^3$, df = 1 (P < 0.01); $I^2 = 99\%$
Test for overall effect (fixed effect): Z = 3.16 (P = 0.00)
Test for overall effect (random effects): Z = 1.40 (P = 0.07)
sex, method = Unknown
Jaenke, 2016	194	362	215	714	2.9%	2.1%	1.17 [0.91; 1.51]
Aldawsh, 2011	36	36	27	36	0.0%	2.1%	1.53 [0.84; 2.81]
Fujimori/S, 2005	391	481	527	969	1.9%	2.2%	1.11 [0.87; 1.57]
Tullargi/S, 2007	102	172	121	172	1.1%	2.2%	0.81 [0.56; 0.96]
Dayanak, 2011	792	1112	592	1669	6.8%	2.4%	1.60 [1.39; 1.84]
Ozdemir, 2011	36	36	27	36	0.0%	1.8%	3.83 [1.42; 10.34]
Nam/KW, 2010	101	101	339	337	1.0%	2.2%	1.08 [1.09; 2.30]
Bjar/IC, 2006	73	123	131	213	1.0%	2.2%	0.76 [0.49; 1.18]
Nam/Boyd, 2016	112	143	146	171	0.6%	2.1%	0.52 [0.35; 1.11]
Hong/BN, 2010	917	936	1205	2190	0.9%	2.3%	1.26 [1.05; 1.54]
Total (fixed effect, 95% CI)		3523		7304	13.3%		1.21 [1.21; 1.22]
Total (random effects, 95% CI)						20.7%	1.12 [0.94; 1.42]
Heterogeneity: $Tau^2 = 0.00$; $Chi^2 = 38.16$, df = 8 (P < 0.01); $I^2 = 79\%$
Test for overall effect (fixed effect): Z = 8.00 (P < 0.01)
Test for overall effect (random effects): Z = 1.30 (P = 0.19)
sex, method = Grease lab
Dongo, 2016	1097	3483	588	1825	10.9%	2.4%	1.10 [0.97; 1.24]
Yahya, 2017	845	1841	337	1841	3.1%	2.4%	4.90 [4.14; 5.82]
Chang/Chun, 2018	104	180	475	1180	1.1%	2.3%	2.33 [1.49; 3.61]
Ahn/Ch, 2006	104	180	475	1180	1.1%	2.3%	2.33 [1.49; 3.61]
Wu/C, 2009	135	240	194	505	1.4%	2.3%	1.11 [0.79; 1.55]
Lou/M, 2006	87	112	275	462	0.9%	2.2%	1.58 [0.99; 1.62]
Dong/WKu, 2016	45	136	569	1925	1.0%	2.3%	1.36 [0.95; 1.96]
Lu/H, 2013	1113	1927	613	1384	3.1%	2.4%	11.02 [9.81; 12.38]
Ozdemir/Ozdemir, 2017	41	81	86	252	0.0%	2.1%	1.71 [1.03; 2.84]
Frankel, 2005	41	51	32	51	0.1%	1.9%	2.40 [1.00; 5.80]
Nam/JH, 2017	685	1245	1901	3221	6.4%	2.4%	1.20 [1.14; 1.46]
Nam/JH, 2017	810	1127	1901	3221	5.0%	2.4%	1.20 [1.10; 1.40]
Nam/JH, 2017	75	118	1901	3221	0.0%	2.2%	1.99 [1.27; 2.72]
Ozdemir/Ozdemir, 2018	108	180	36	108	0.0%	2.2%	5.38 [3.25; 8.58]
Total (fixed effect, 95% CI)		10912		20347	31.1%		1.54 [1.51; 1.57]
Total (random effects, 95% CI)						37.4%	1.94 [1.16; 2.33]
Heterogeneity: $Tau^2 = 0.06$; $Chi^2 = 548.34$, df = 10 (P < 0.01); $I^2 = 98\%$
Test for overall effect (fixed effect): Z = 31.40 (P < 0.01)
Test for overall effect (random effects): Z = 2.60 (P = 0.01)
sex, method =
Bigiha, 2016	77	110	71	116	0.4%	2.1%	1.48 [0.85; 2.57]
Total (fixed effect, 95% CI)		110		116	0.4%		1.48 [0.85; 2.57]
Total (random effects, 95% CI)						2.1%	1.48 [0.85; 2.57]
Heterogeneity: not applicable
Test for overall effect (fixed effect): Z = 1.38 (P = 0.17)
Test for overall effect (random effects): Z = 1.38 (P = 0.17)
Total (fixed effect, 95% CI)		**26345**		**46166**	**100.0%**		**1.70 [1.64; 1.76]**
Total (random effects, 95% CI)						**100.0%**	**1.84 [1.29; 2.08]**

Odds Ratio M-H, Fixed + Random, 95% CI

Heterogeneity: $Tau^2 = 0.02$; $Chi^2 = 1755.11$, df = 46 (P < 0); $I^2 = 97\%$
Residual heterogeneity: $Tau^2 = 0.02$; $Chi^2 = 1614.66$, df = 41 (P < 0.01); $I^2 = 97\%$
Test for overall effect (fixed effect): Z = 29.08 (P < 0.01)
Test for overall effect (random effects): Z = 2.08 (P = 0.04)
Test for subgroup differences (fixed effect): $Chi^2 = 209.55$, df = 5 (P < 0.01)
Test for subgroup differences (random effects): $Chi^2 = 6.52$, df = 5 (P = 0.23)