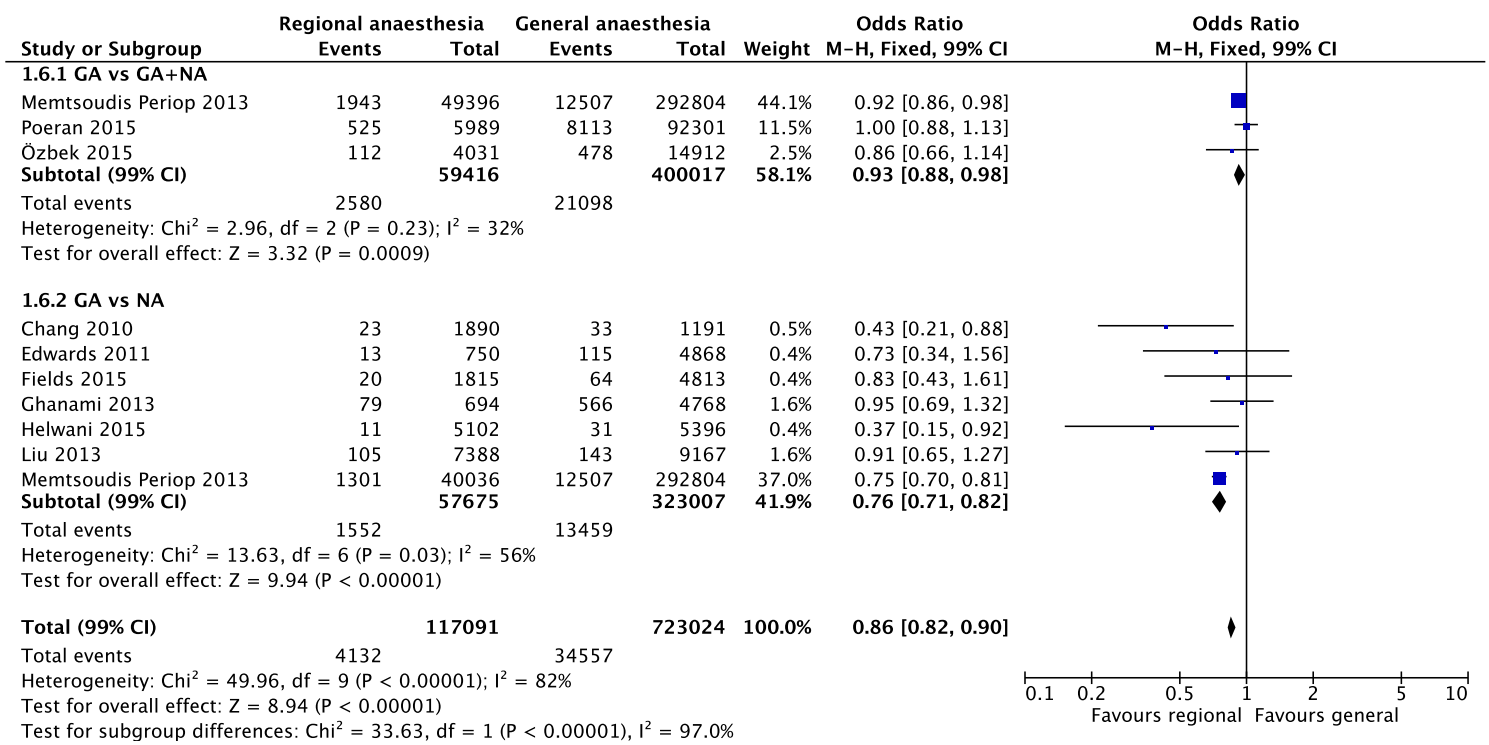
Regional anaesthesia
General anaesthesia
Odds Ratio
Odds Ratio
Study or Subgroup
Events
Total
Events
Total
Weight
M-H, Fixed, 99% CI
M-H, Fixed, 99% CI
1.6.1 GA vs GA+NA
Memtsoudis Periop 2013 1943 49396 12507 292804 44.1% 0.92 [0.86, 0.98]
Poeran 2015 525 5989 8113 92301 11.5% 1.00 [0.88, 1.13]
Özbek 2015 112 4031 478 14912 2.5% 0.86 [0.66, 1.14]
Subtotal (99% CI) 59416 400017 58.1% 0.93 [0.88, 0.98]
Total events 2580 21098
Heterogeneity: Chi² = 2.96, df = 2 (P = 0.23); I² = 32%
Test for overall effect: Z = 3.32 (P = 0.0009)
1.6.2 GA vs NA
Chang 2010 23 1890 33 1191 0.5% 0.43 [0.21, 0.88]
Edwards 2011 13 750 115 4868 0.4% 0.73 [0.34, 1.56]
Fields 2015 20 1815 64 4813 0.4% 0.83 [0.43, 1.61]
Ghanami 2013 79 694 566 4768 1.6% 0.95 [0.69, 1.32]
Helwani 2015 11 5102 31 5396 0.4% 0.37 [0.15, 0.92]
Liu 2013 105 7388 143 9167 1.6% 0.91 [0.65, 1.27]
Memtsoudis Periop 2013 1301 40036 12507 292804 37.0% 0.75 [0.70, 0.81]
Subtotal (99% CI) 57675 323007 41.9% 0.76 [0.71, 0.82]
Total events 1552 13459
Heterogeneity: Chi² = 13.63, df = 6 (P = 0.03); I² = 56%
Test for overall effect: Z = 9.94 (P < 0.00001)
Total (99% CI) 117091 723024 100.0% 0.86 [0.82, 0.90]
Total events 4132 34557
Heterogeneity: Chi² = 49.96, df = 9 (P < 0.00001); I² = 82%
Test for overall effect: Z = 8.94 (P < 0.00001)
Test for subgroup differences: Chi² = 33.63, df = 1 (P < 0.00001), I² = 97.0%
0.1
0.2
0.5
1
2
5
10
Favours regional
Favours general