

Pancreatic cancer in adults:

diagnosis and management

Appendix H

Forest Plots and Summary ROC Curves

February 2018

Final

*Developed by the National Guideline Alliance, hosted
by the Royal College of Obstetricians and
Gynaecologists*

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The recommendations in this guideline represent the view of NICE, arrived at after careful consideration of the evidence available. When exercising their judgement, professionals are expected to take this guideline fully into account, alongside the individual needs, preferences and values of their patients or service users. The recommendations in this guideline are not mandatory and the guideline does not override the responsibility of healthcare professionals to make decisions appropriate to the circumstances of the individual patient, in consultation with the patient and/or their carer or guardian.

Local commissioners and/or providers have a responsibility to enable the guideline to be applied when individual health professionals and their patients or service users wish to use it. They should do so in the context of local and national priorities for funding and developing services, and in light of their duties to have due regard to the need to eliminate unlawful discrimination, to advance equality of opportunity and to reduce health inequalities. Nothing in this guideline should be interpreted in a way that would be inconsistent with compliance with those duties.

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1 Appendix H: Forest plots and Summary

2 ROC curves

H.13 People with jaundice

4

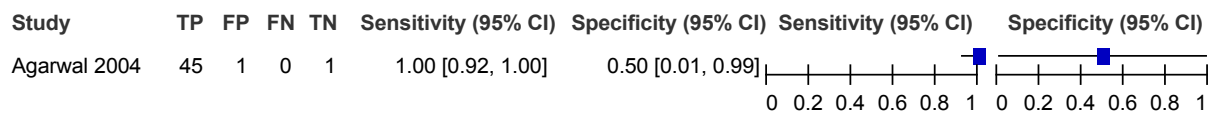
5 Figure 1: Forest plot of CT

6



7

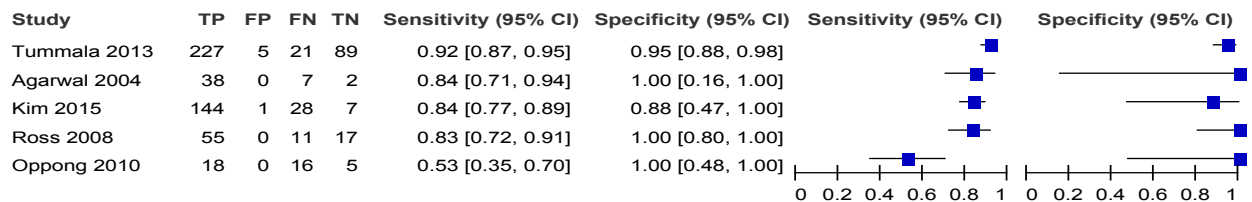
8 Figure 2: Forest plot of EUS



9

10 Figure 3: Forest plots for EUS-FNA

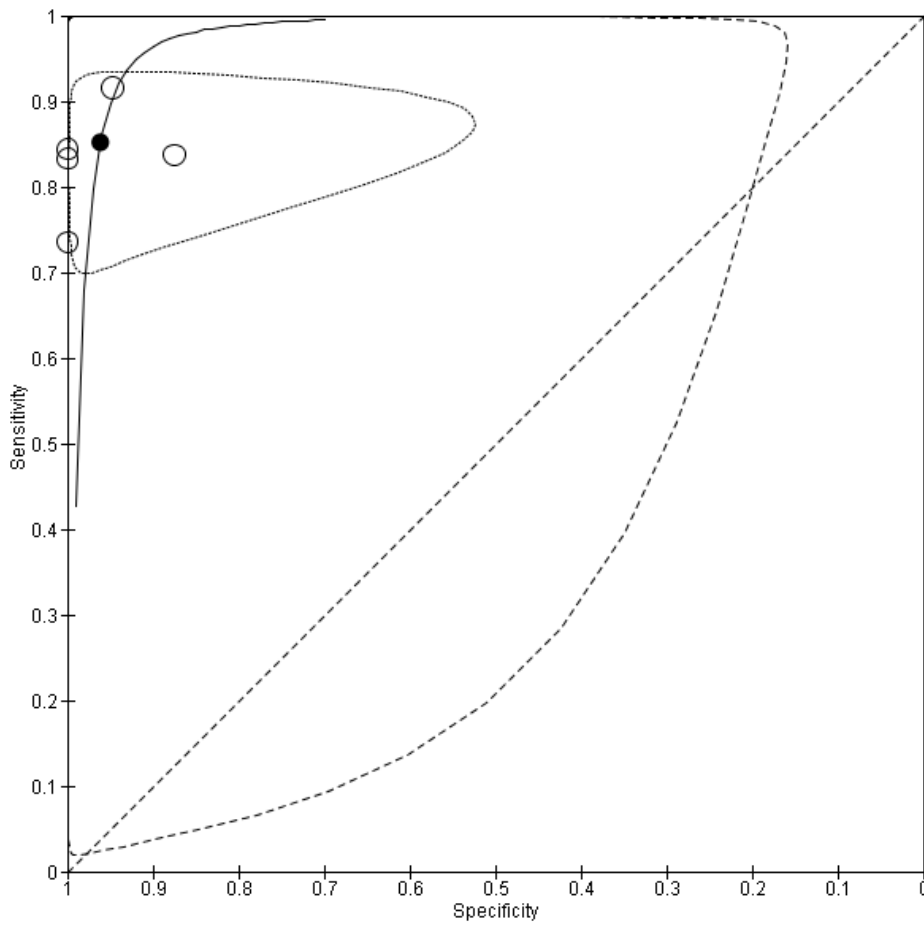
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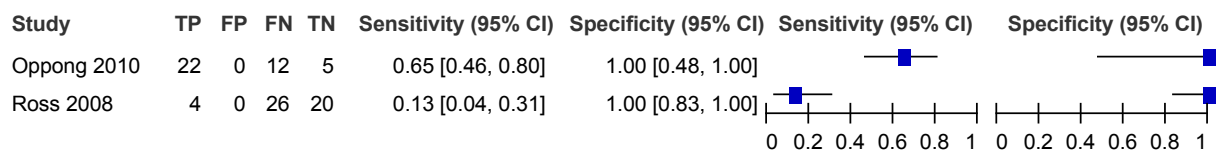
13

1 **Figure 4: EUS-FNA - Summary ROC curve**



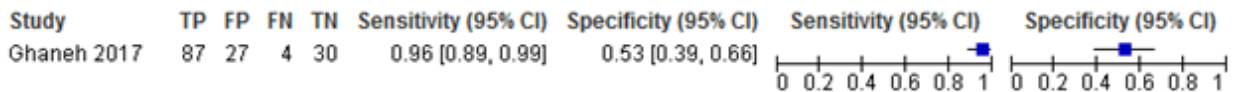
2
3

4 **Figure 5: Forest plot of ERCP + BB.**



5

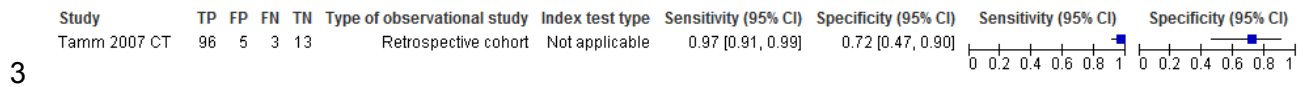
Figure 6: Forest plot of PET/CT



6

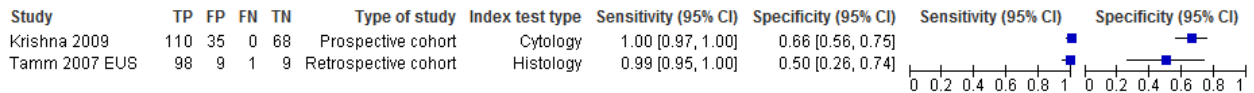
H.2₁ People without jaundice but with a pancreatic abnormality

2 Figure 7: Forest plot of computer tomography



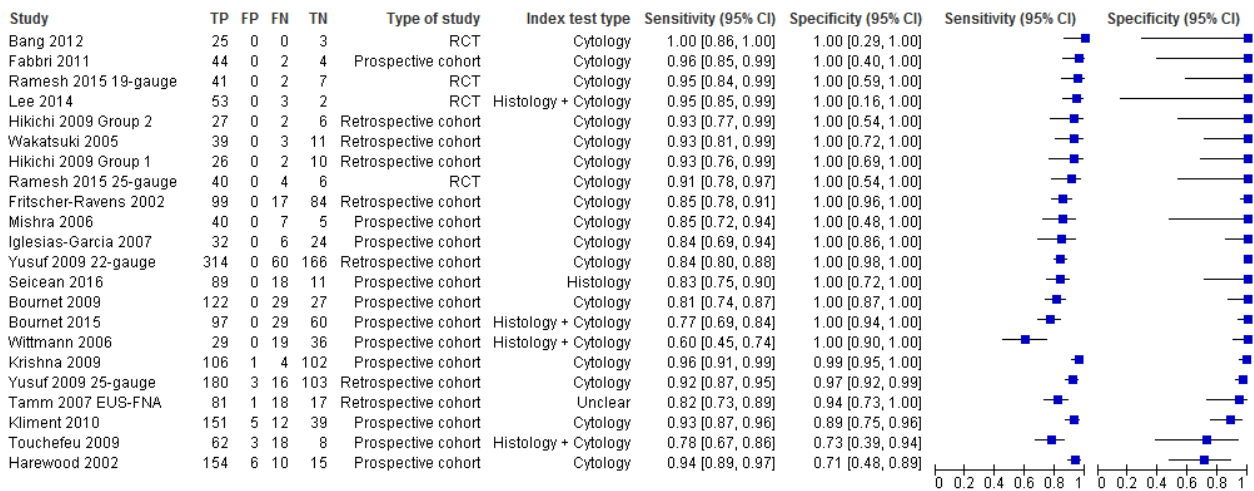
3

4 Figure 8: Forest plot of EUS



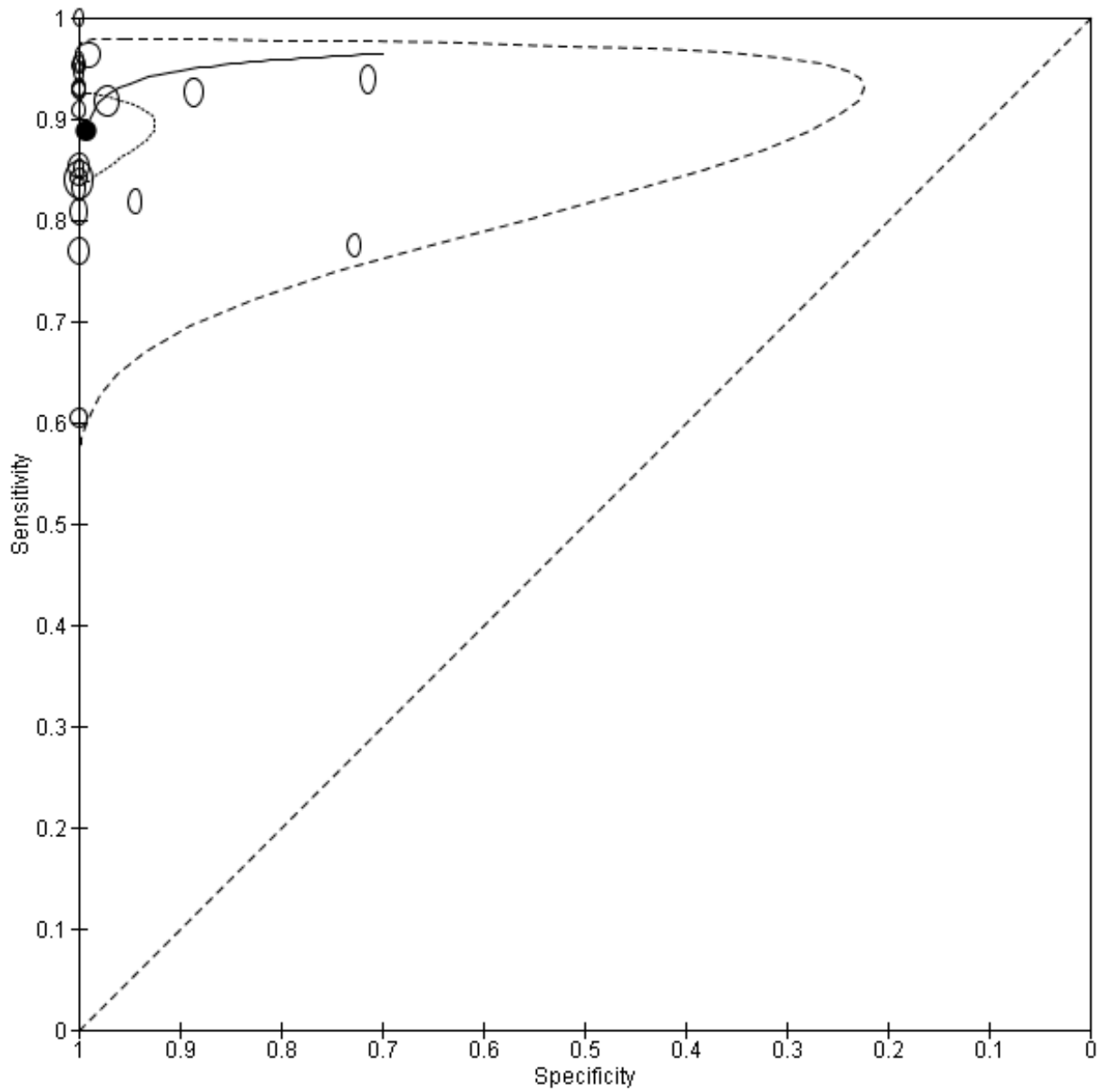
5

6 Figure 9: Forest plot of EUS-FNA



7

1 **Figure 10: EUS-FNA - Summary ROC curve**

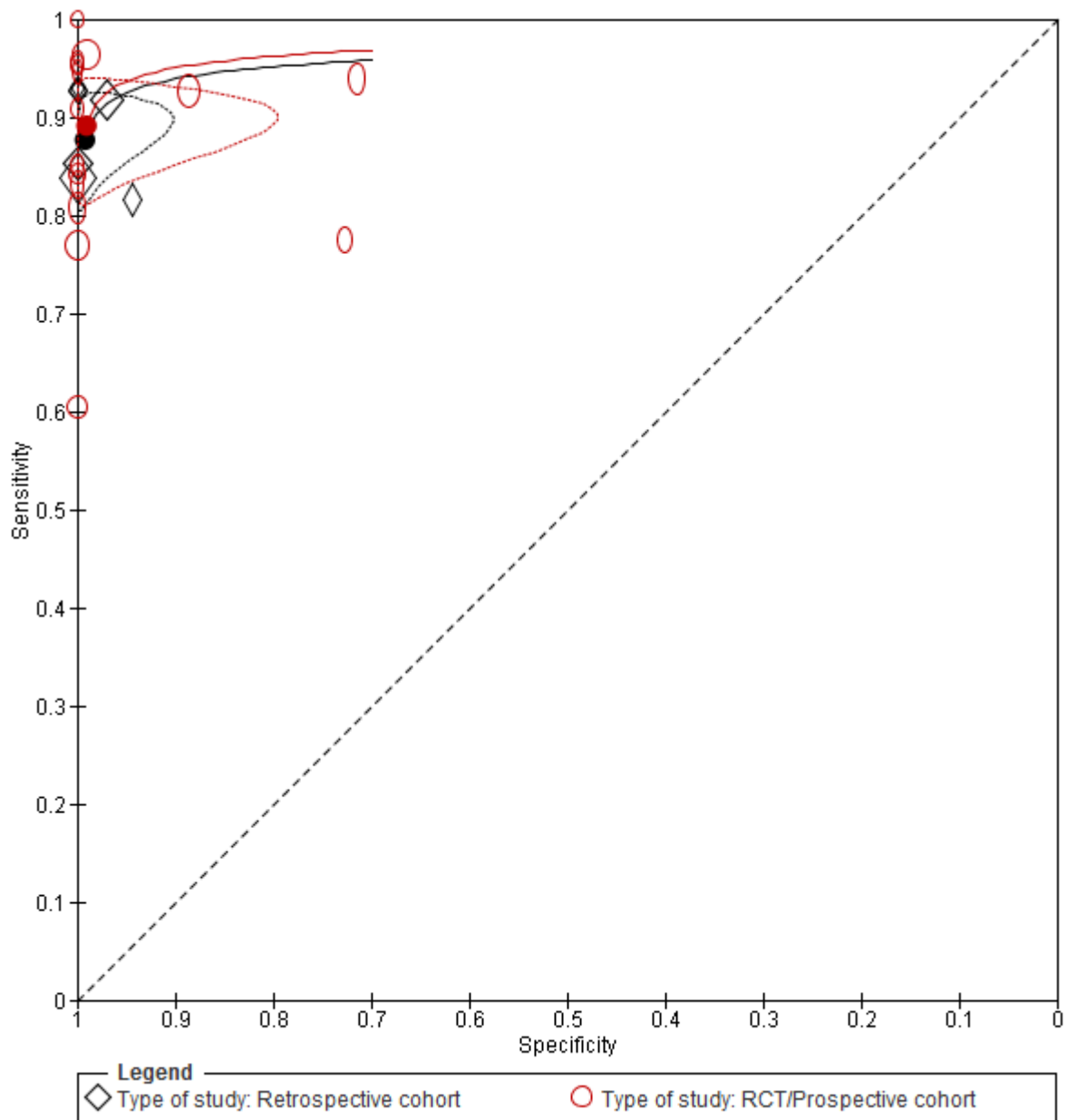


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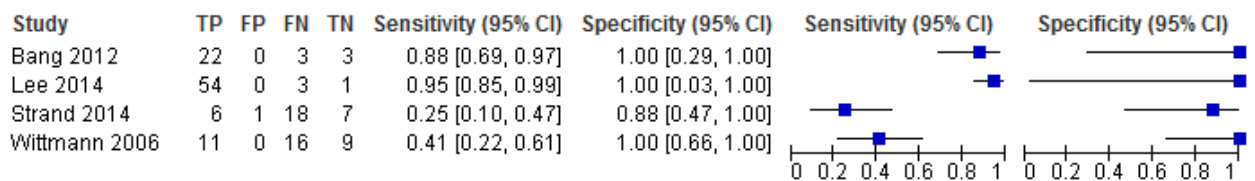
1 **Figure 11: EUS-FNA - Summary ROC curve (subgroup analysis by type of study)**



2

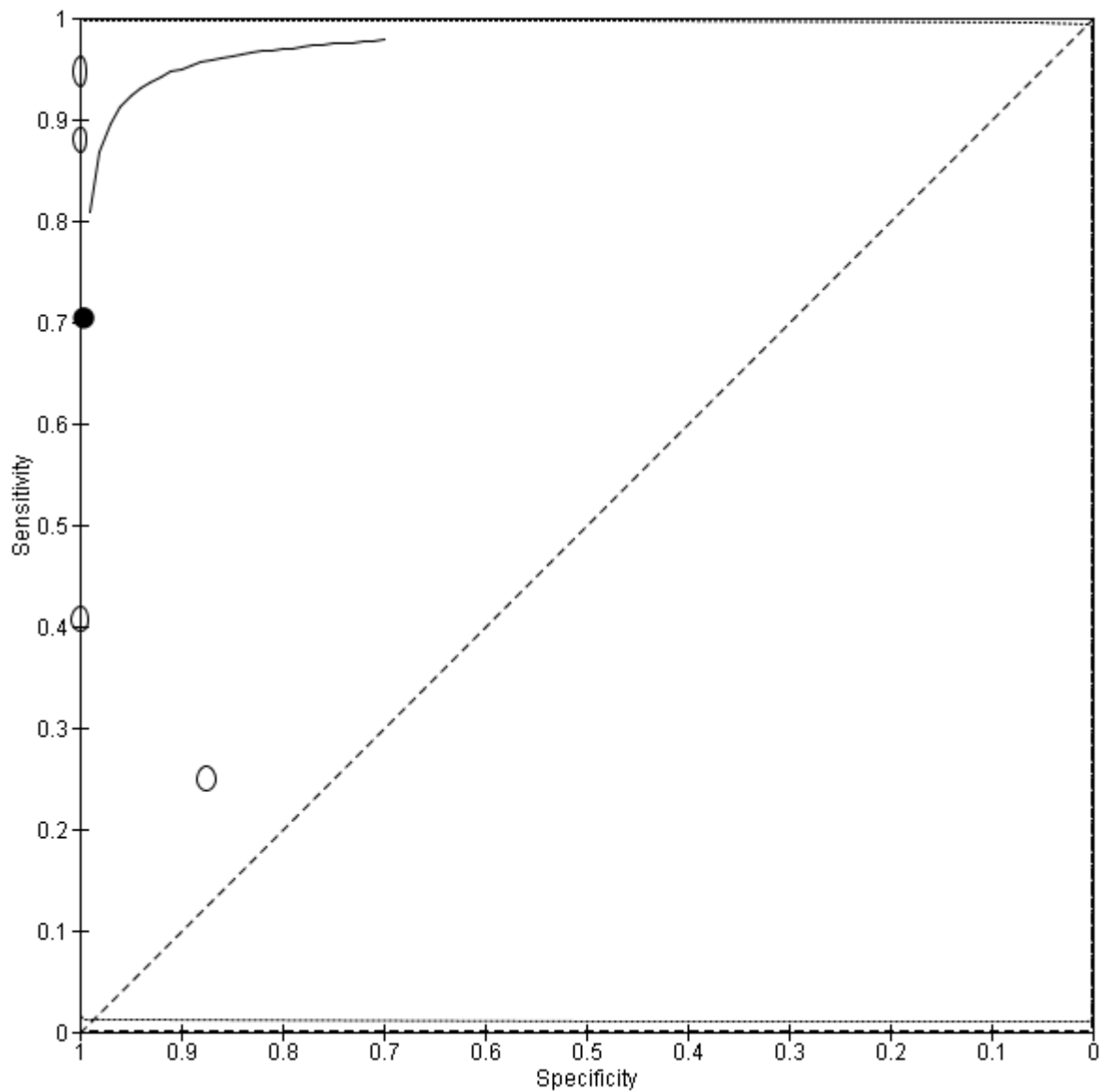
3 Note: Red and black dotted line represent the 95% confidence region for, respectively, the RCT/prospective
4 cohort and retrospective cohort study groups.

5 **Figure 12: Forest plot of EUS-Core**



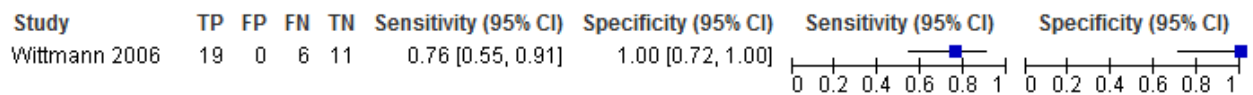
1

2 **Figure 13: EUS-Core Biopsy - Summary ROC curve**



3

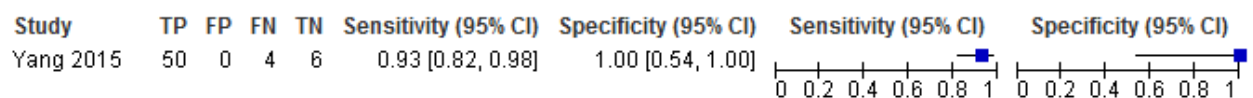
4 **Figure 14: Forest plot of EUS-FNA + Core**



5

6

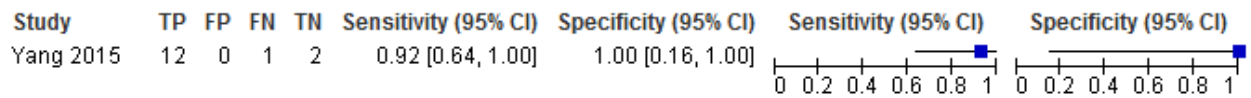
7 **Figure 15: Forest plot of PUS-Core**



8

1 **Figure 16: Forest plot of PUS-FNA + Core**

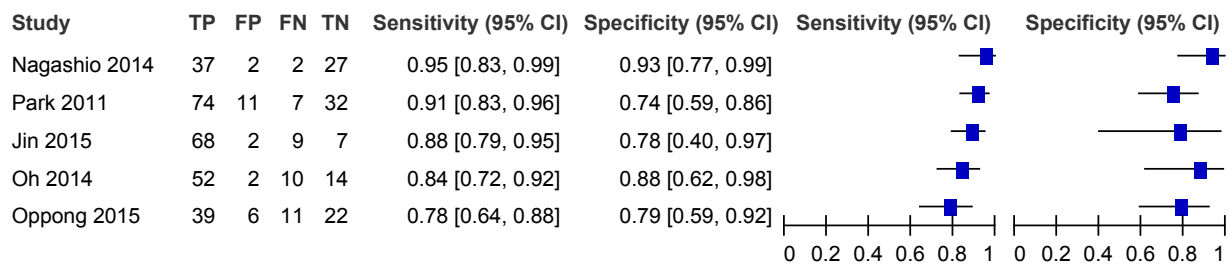
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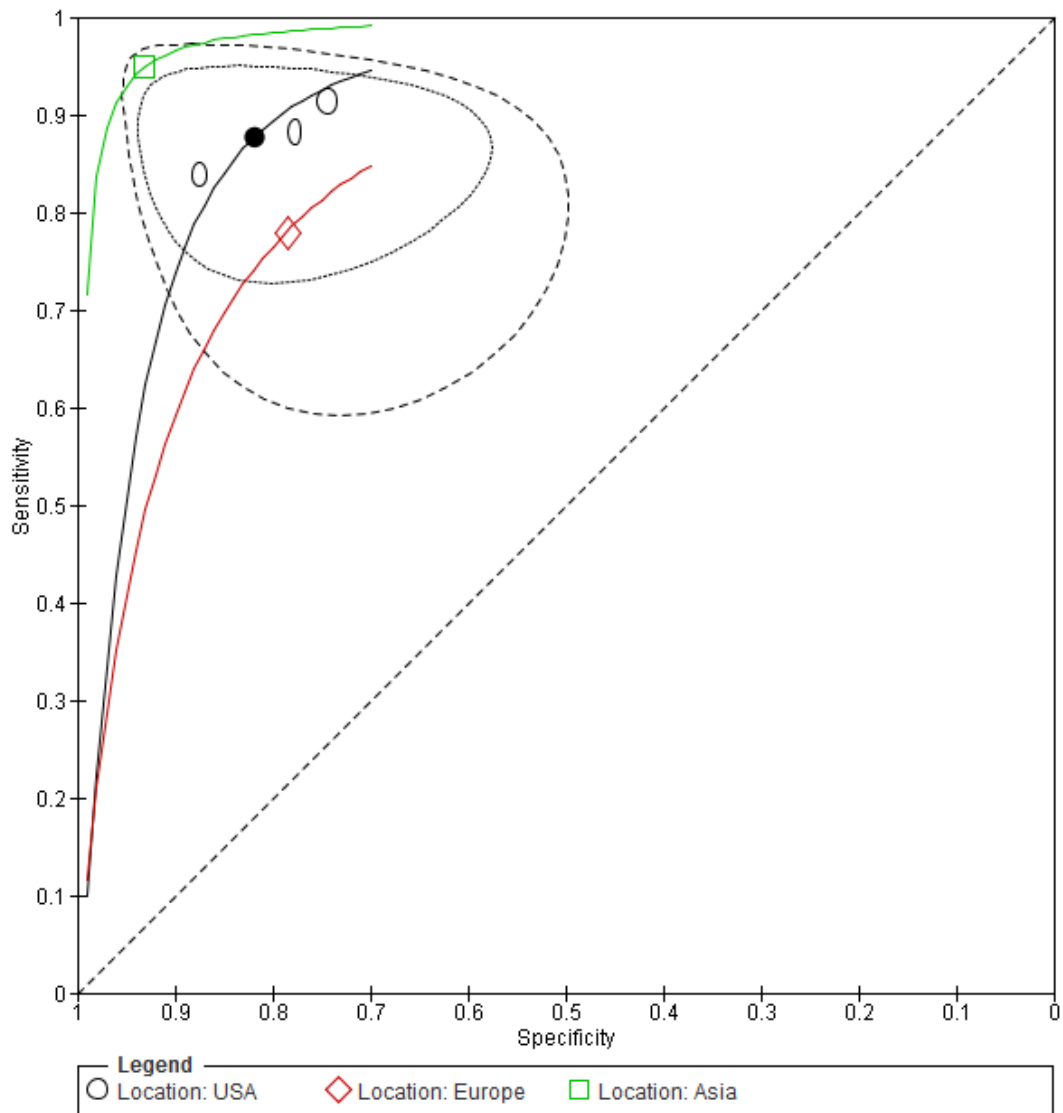
H.34 Pancreatic Cysts

5 **Figure 17: Forest plot for Cystic fluid CEA at cut-off level of <30-<70 ng/ml for**
6 **differentiating between MCNs and NMCNs of pancreas**



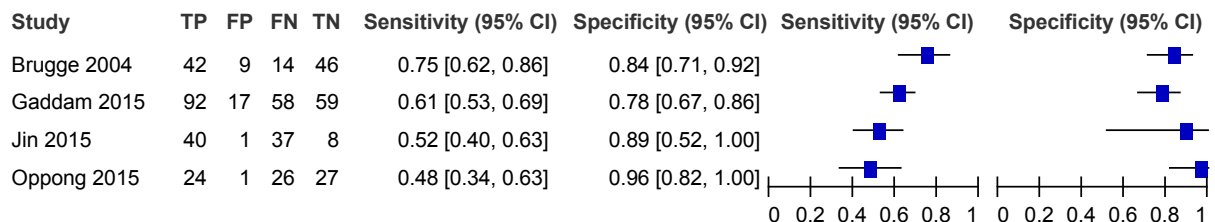
7

1 **Figure 18: Summary ROC curve of cystic fluid CEA at cut-off level of <30-<70 ng/ml for**
 2 **differentiating between MCNs and NMCNs of pancreas**



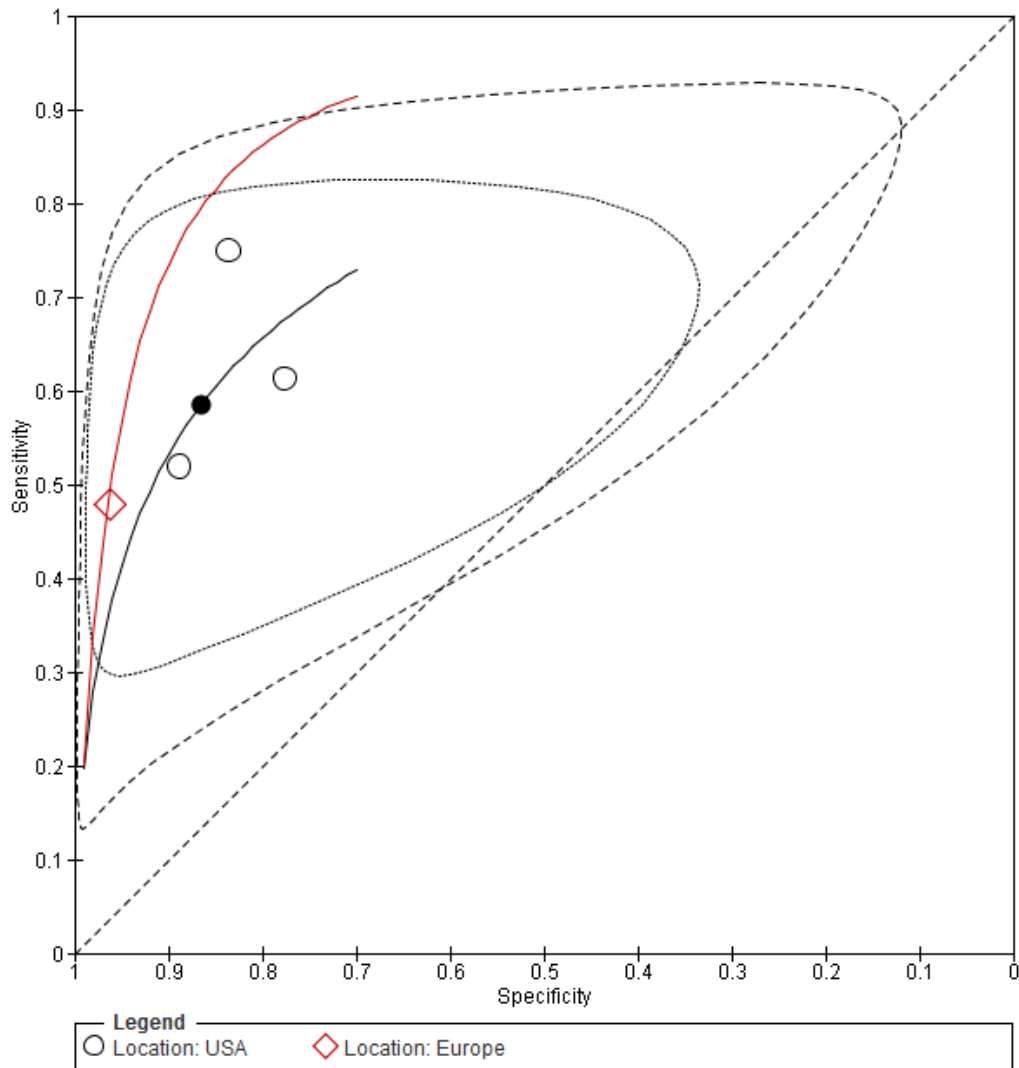
3

4 **Figure 19: Forest plot for cystic fluid CEA at cut-off level of <192 ng/ml for**
 5 **differentiating between MCNs and NMCNs of pancreas**



6

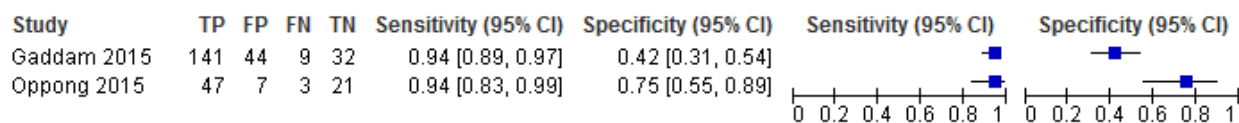
1 **Figure 20: Summary ROC curve of cystic fluid CEA [192 ng/ml] for differentiating**
2 **between MCNs and NMCNs of pancreas**



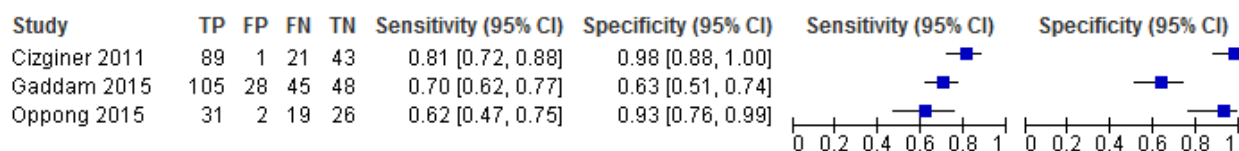
3

1 **Figure 21: Forest plots for other studies on cystic fluid CEA at various cut-off levels**
 2 **for differentiating between MCNs and NMCNs of pancreas**

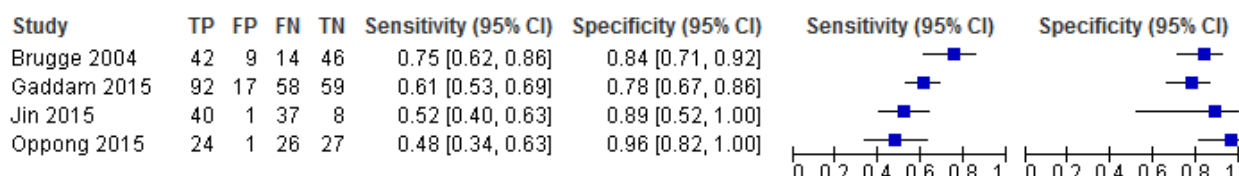
Cystic fluid CEA [<30 ng/ml]



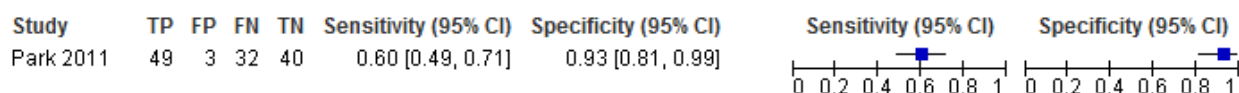
Cystic fluid CEA [105 -110 ng/ml]



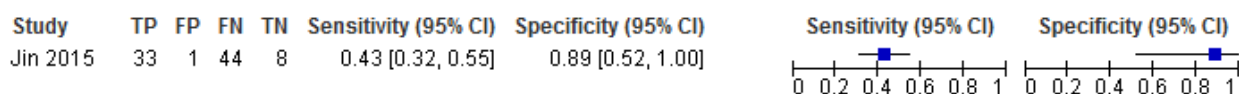
Cystic fluid CEA [192 ng/ml] - M vs NM



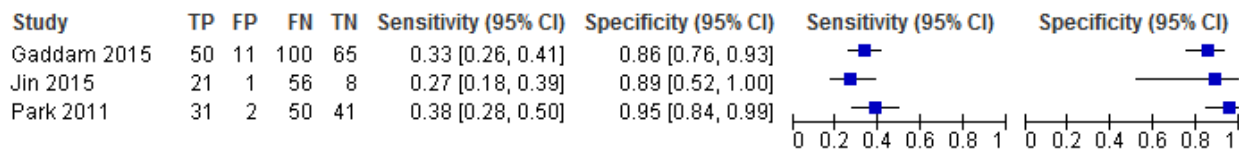
Cystic fluid CEA [200 ng/ml] - M vs NM



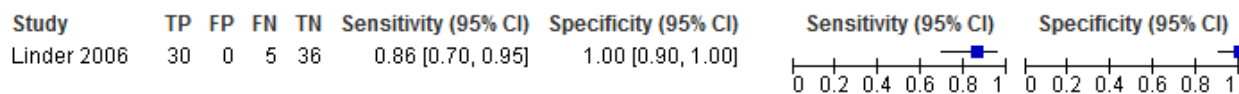
Cystic fluid CEA [300 ng/ml] - M vs NM



Cystic fluid CEA [800 ng/ml] - M vs NM

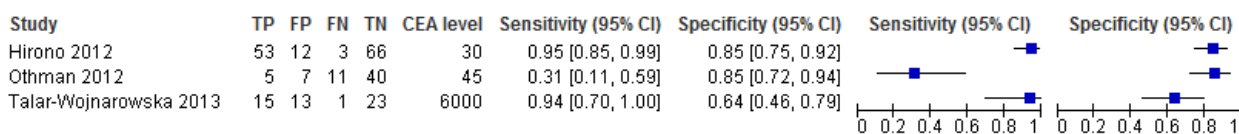


Cystic fluid CEA [6000 ng/ml] - M vs NM



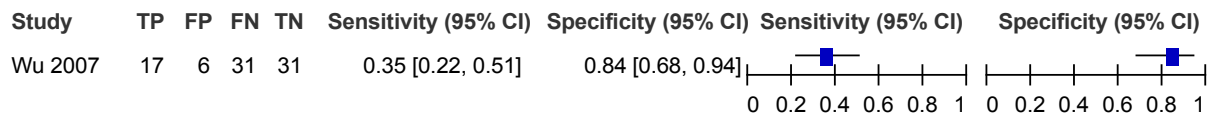
3

4 **Figure 22: Forest plot for cystic fluid CEA in differentiating between (potentially)**
 5 **malignant and benign PCLs**



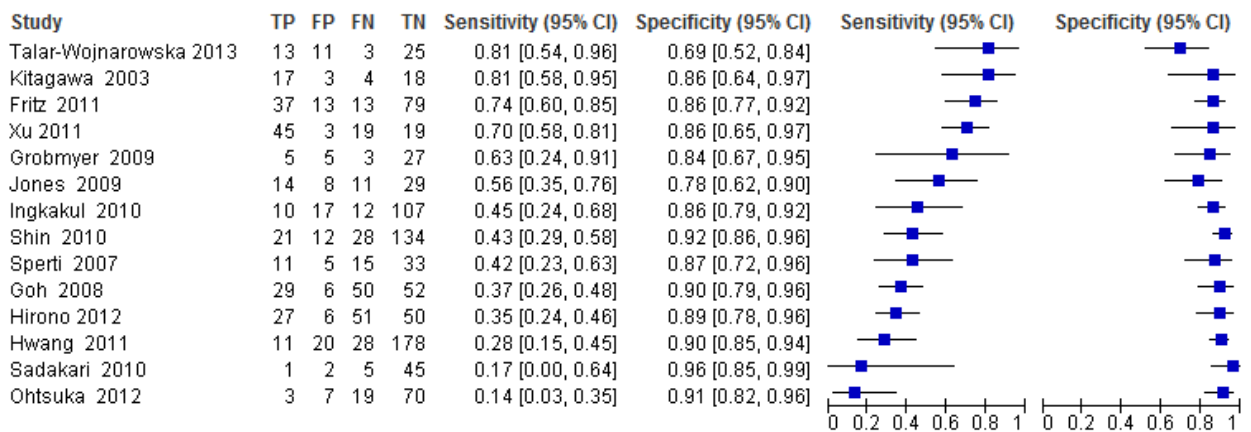
6

1 **Figure 23: Forest plot for serum CEA at unspecified cut-off level for differentiating**
 2 **between (potentially) malignant and benign PCLs**



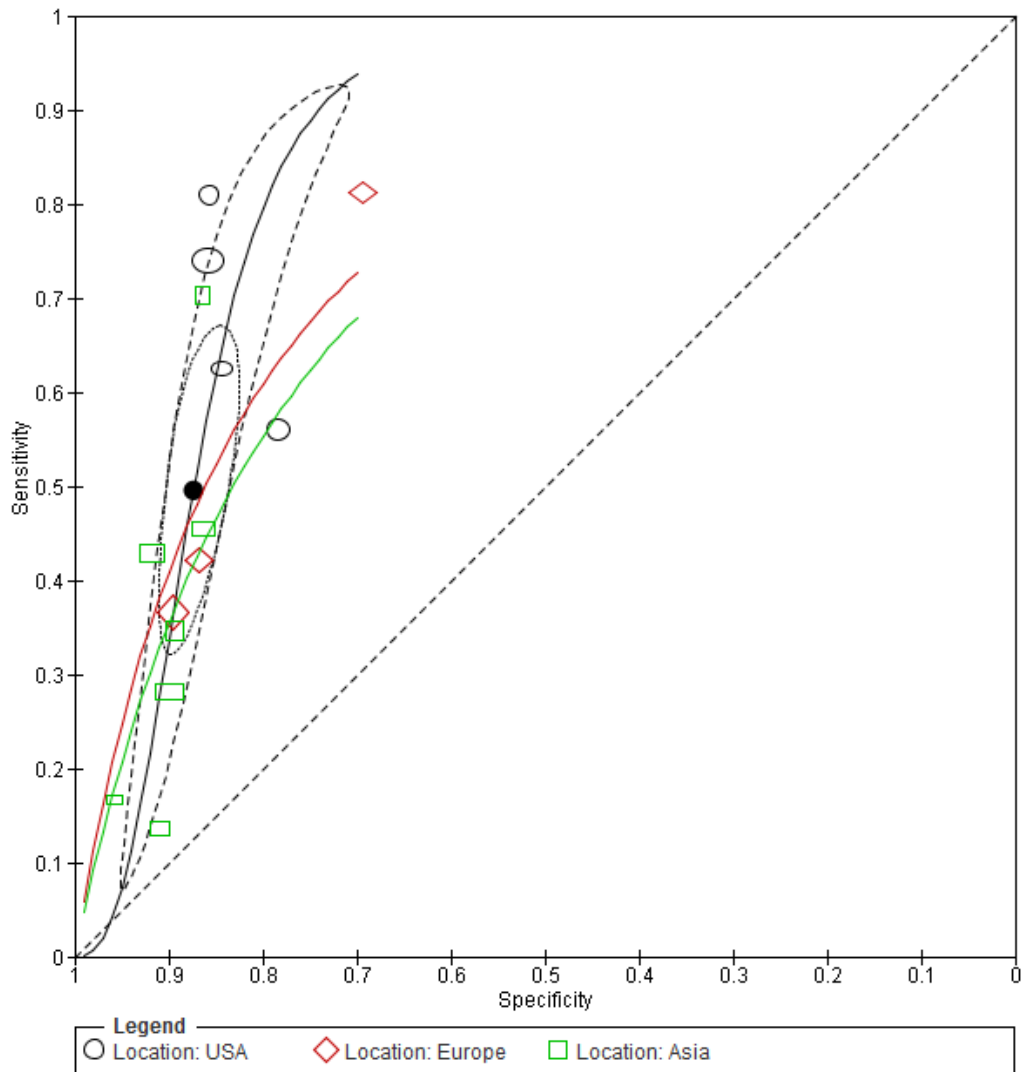
3

4 **Figure 24: Forest plot for cystic fluid CA 19-9 at cut-off level of <35-<45 ng/ml] for**
 5 **differentiating between (potentially) malignant and benign PCLs**



6

1 **Figure 25: Summary ROC curve for cystic fluid CA 19-9 at cut-off level of <35-45**
 2 **ng/ml] for differentiating between (potentially) malignant and benign PCLs**



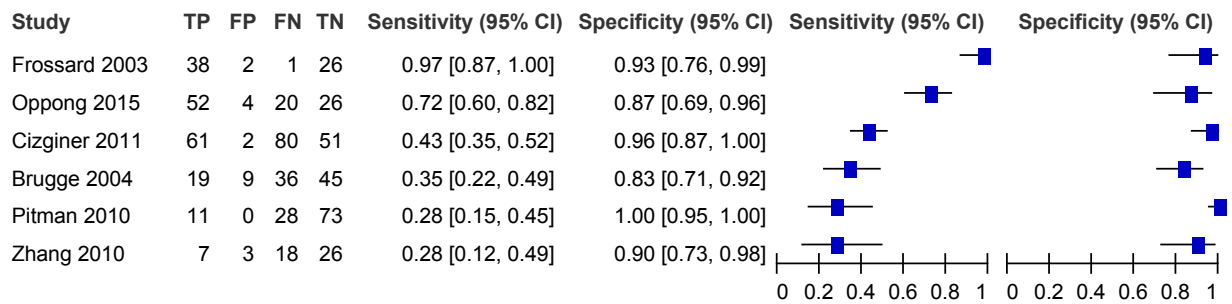
3

4 **Figure 26: Forest plot for serum CA 19-9 at unspecified cut-off level for differentiating**
 5 **between (potentially) malignant and benign PCLs**

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Wu 2007	28	5	20	32	0.58 [0.43, 0.72]	0.86 [0.71, 0.95]		

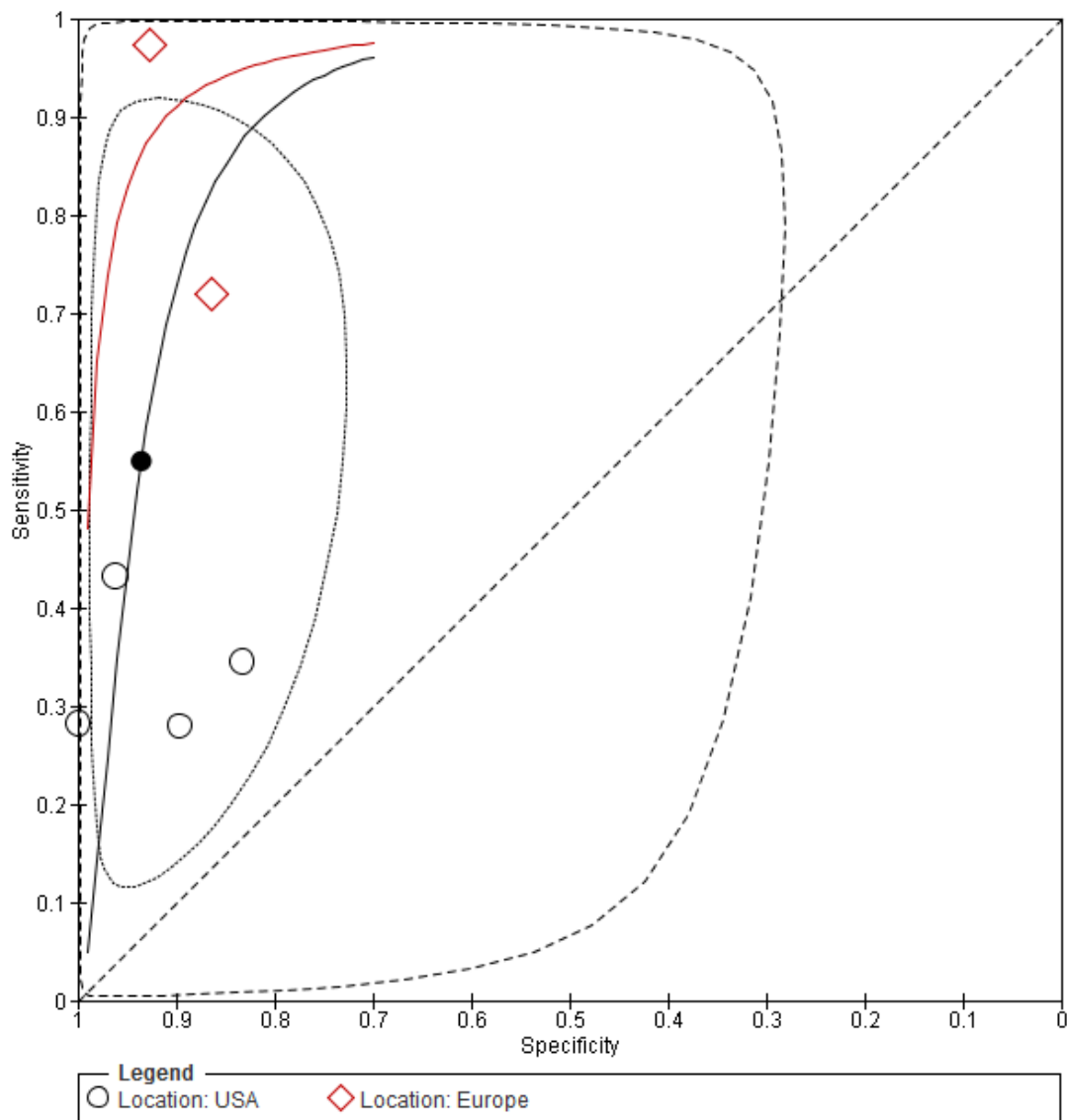
6

1 **Figure 27: Forest plot for EUS-FNA-based cytology for differentiating between MCNs**
 2 **and NMCNs of pancreas**



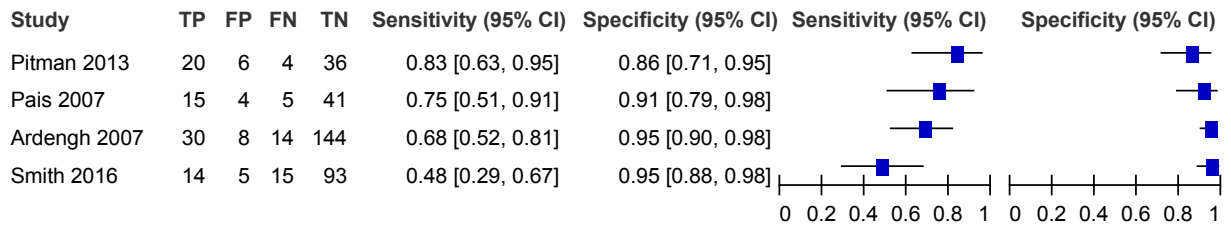
3

4 **Figure 28: Summary ROC curve for EUS-FNA-based cytology for differentiating**
 5 **between MCNs and NMCNs of pancreas**



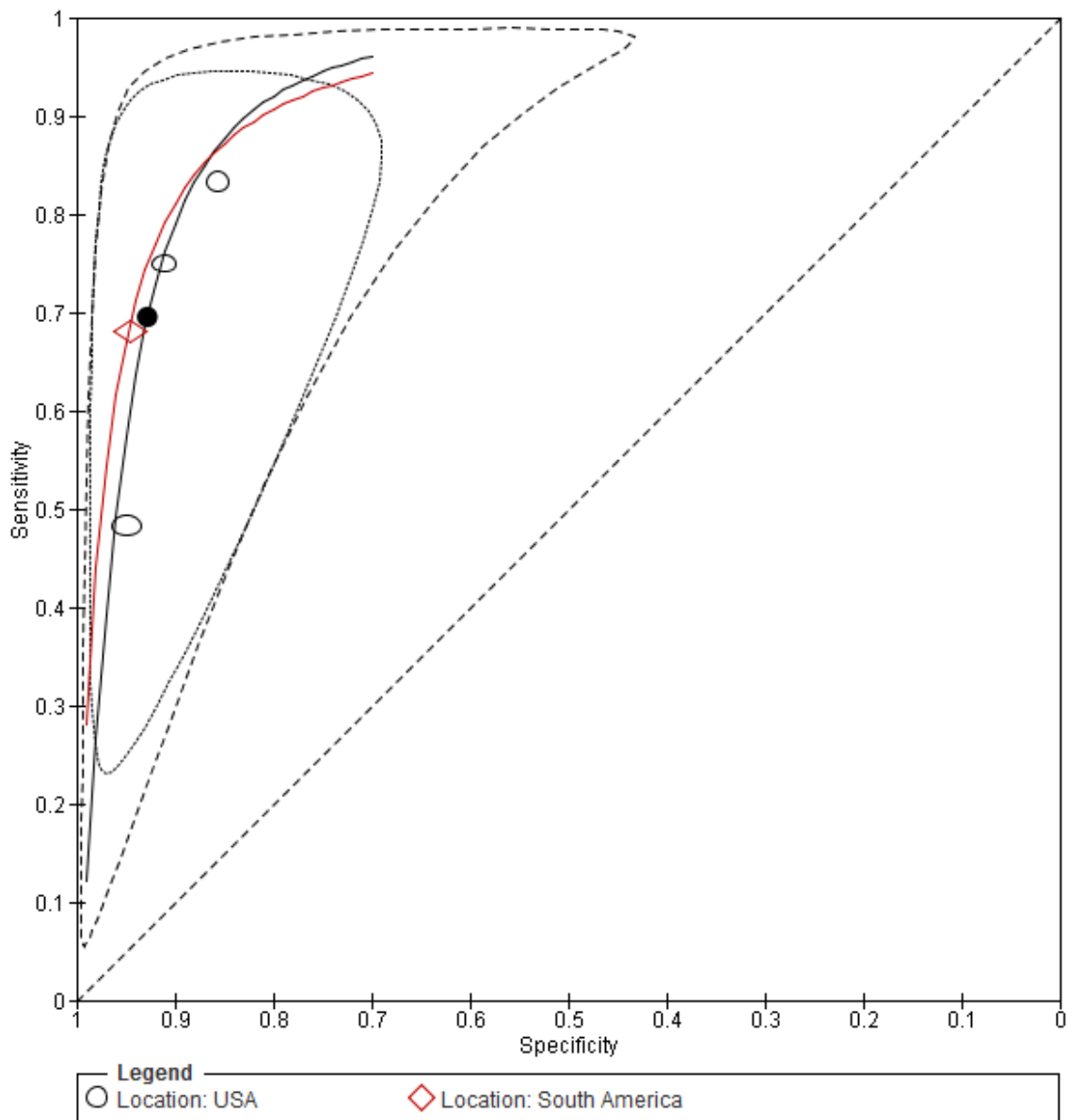
6

1 **Figure 29: Forest plot for EUS-FNA-based cytology to differentiate between**
 2 **(potentially) malignant and benign PCLs**



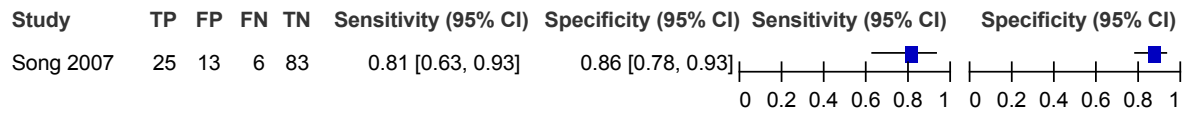
3

4 **Figure 30: Summary ROC curve for EUS-FNA-based cytology to differentiate between**
 5 **(potentially) malignant and benign PCLs**



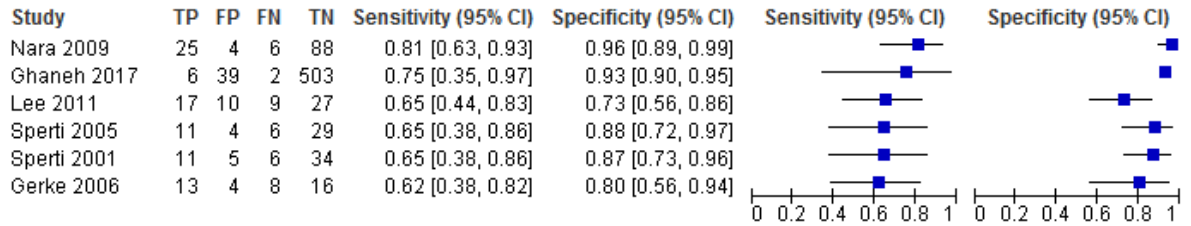
6

1 **Figure 31: Forest plot for CT to differentiate between MCNs and NMCNs of pancreas**



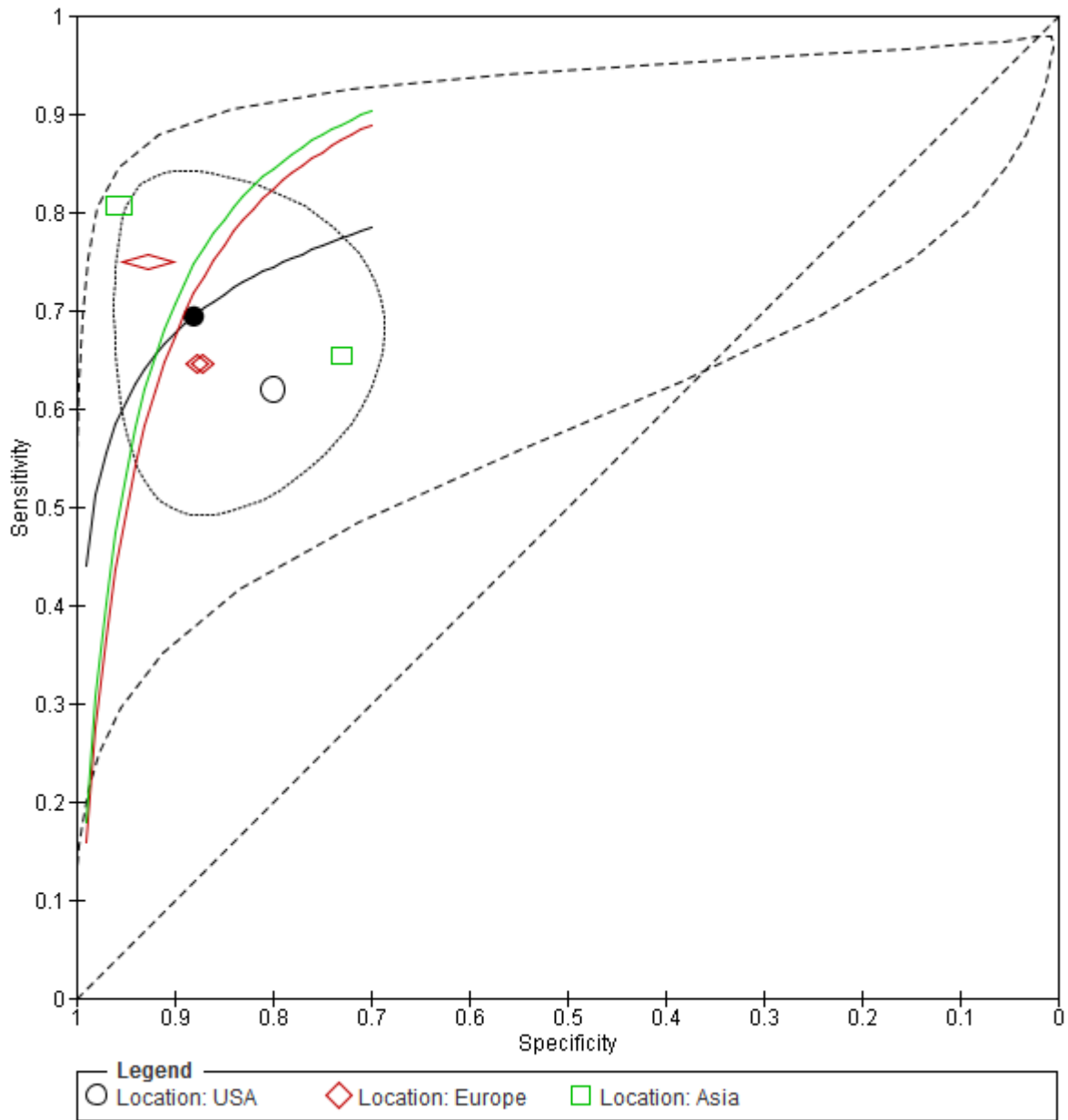
2

3 **Figure 32 Forest plot for CT to differentiate between benign and (potentially)**
4 **malignant PCLs**



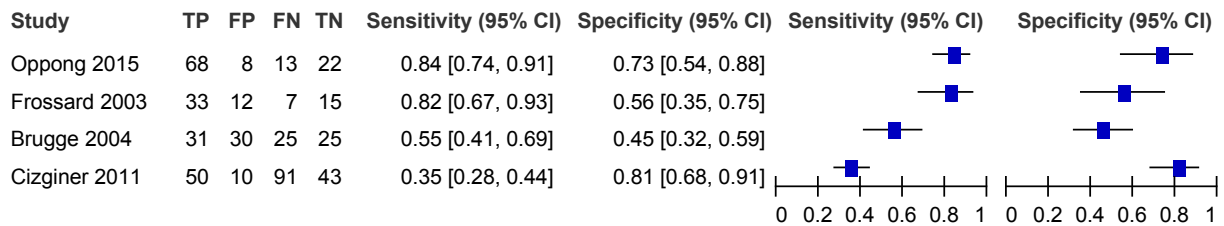
5

1 **Figure 33: Summary ROC curve for CT to differentiate between benign and**
 2 **(potentially) malignant PCLs**



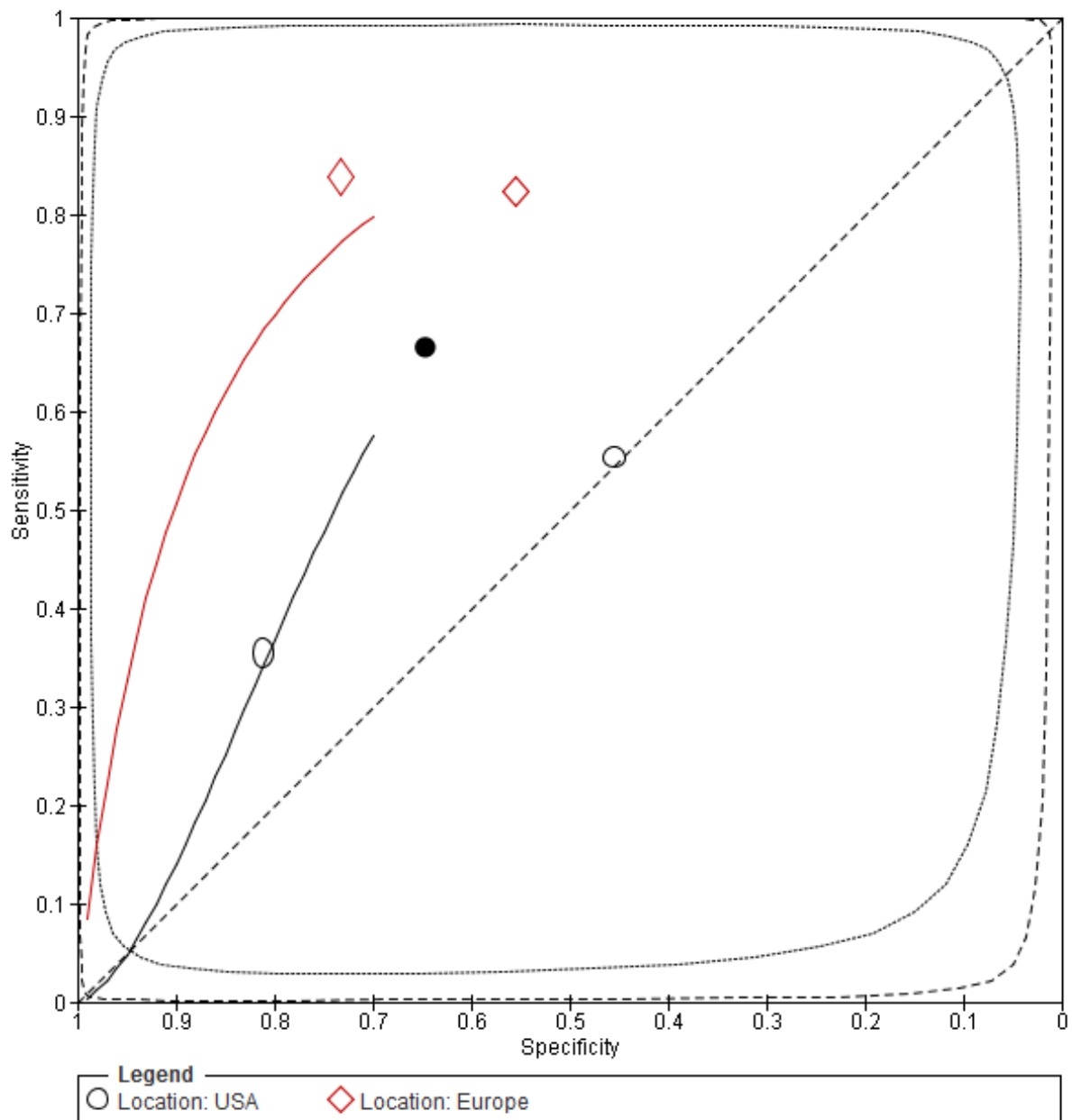
3

4 **Figure 34: Forest plot for EUS to differentiate between MCNs and NMCNs of pancreas**



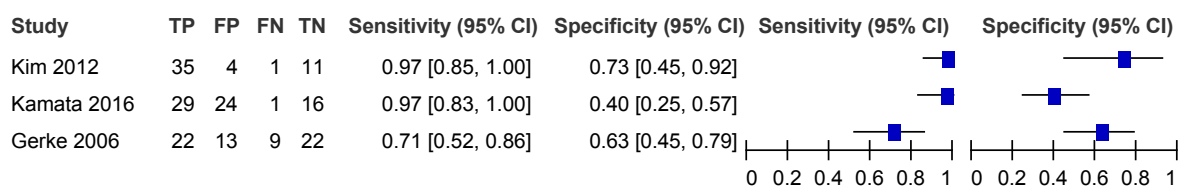
5

1 **Figure 35: Summary ROC curve for EUS to differentiate between MCNs and NMCNs of**
 2 **pancreas**



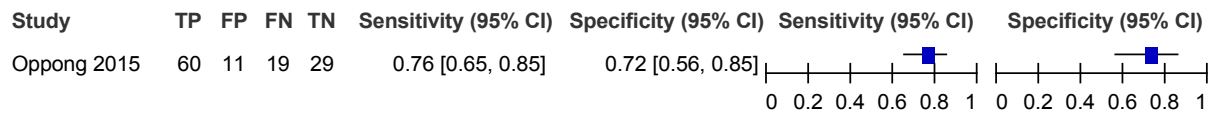
3

4 **Figure 36: Forest plot for EUS to differentiate between (potentially) malignant and**
 5 **benign PCLs**



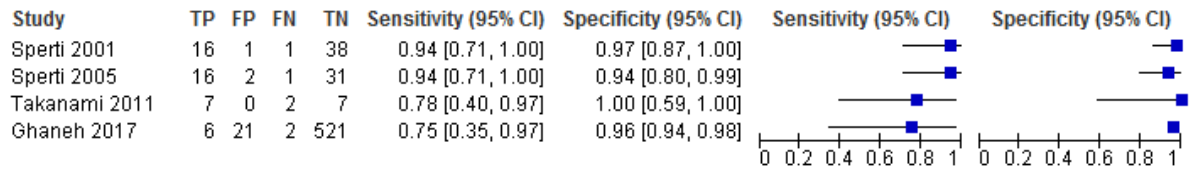
6

1 **Figure 37: Forest plot for EUS-FNA to differentiate between MCNs and NMCNs of**
 2 **pancreas**



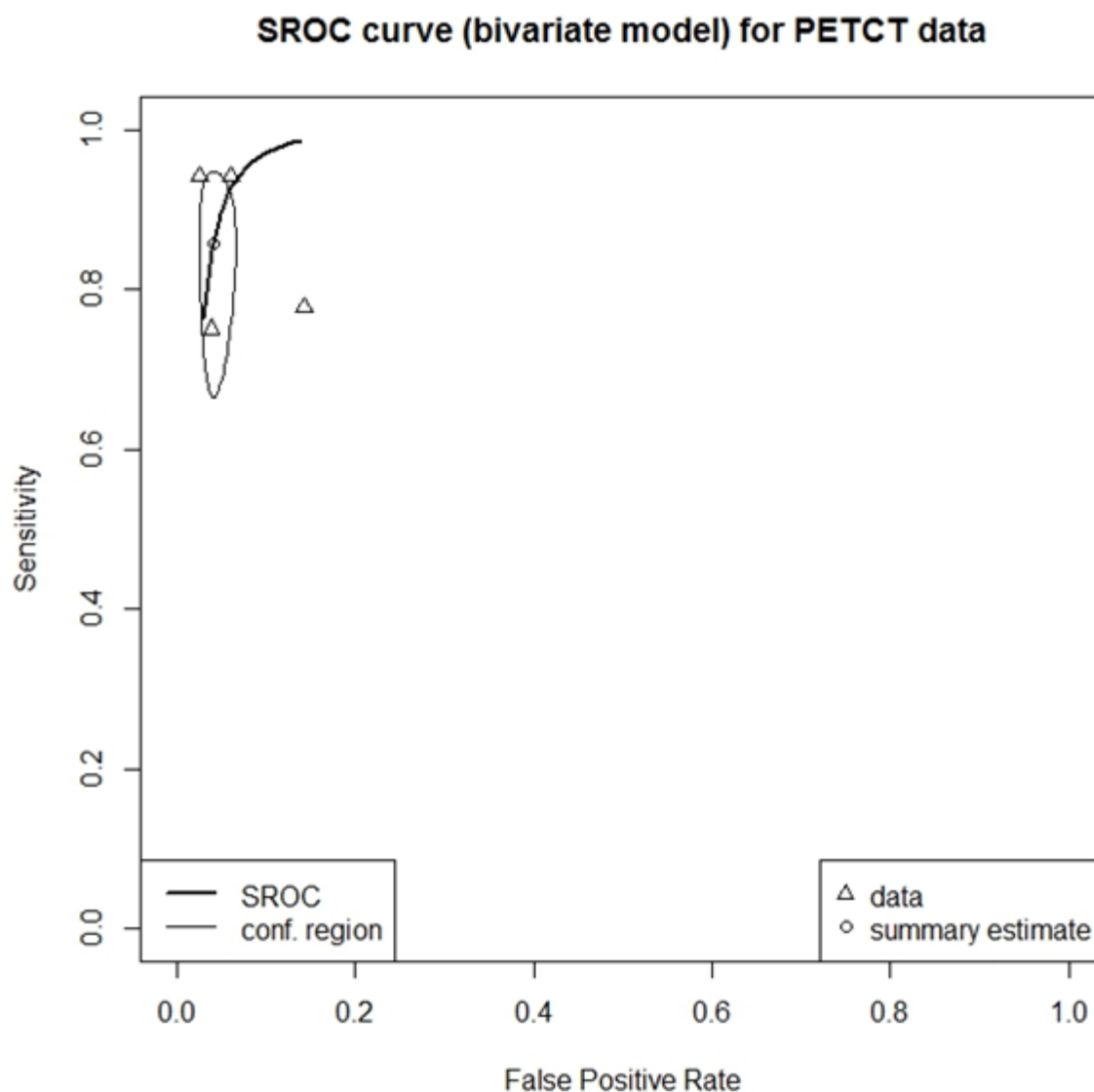
3

4 **Figure 38: Forest plot for PET/CT to differentiate between (potentially) malignant and**
 5 **benign PCLs**



6

Figure 39: Summary ROC curve for PET/CT differentiating between (potentially) malignant and benign PCLs



1

2 Figure 40: Forest plot for MRI differentiating between MCNs and NMCNs of pancreas

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Song 2007	30	2	1	20	0.97 [0.83, 1.00]	0.91 [0.71, 0.99]		

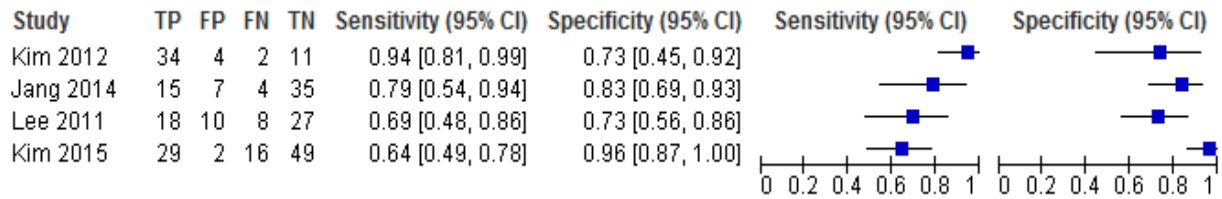
0 0.2 0.4 0.6 0.8 1 0 0.2 0.4 0.6 0.8 1

3

4

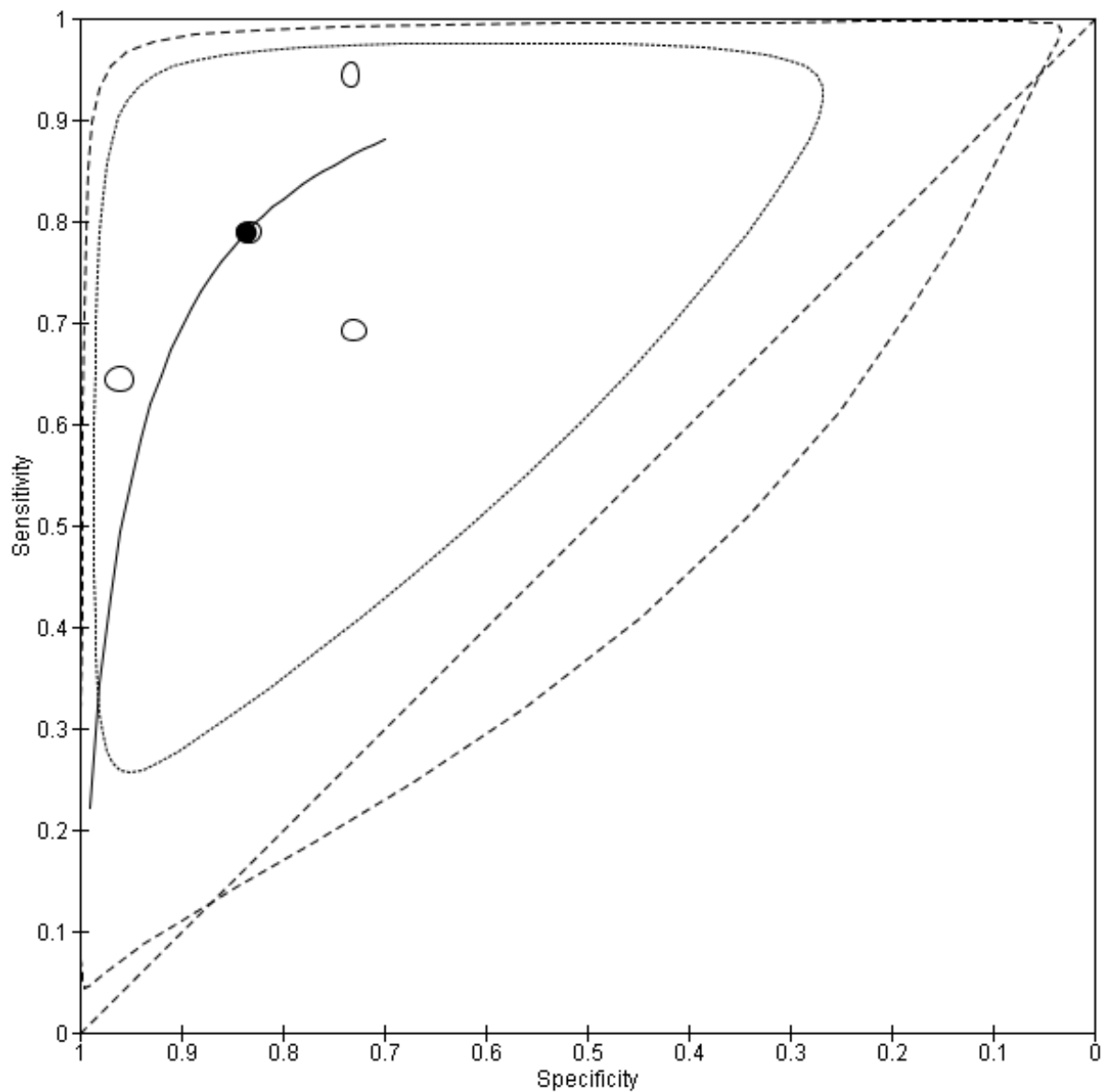
5

1 **Figure 41: Forest plot for MRI differentiating between (potentially) malignant and**
 2 **benign PCLs**



3

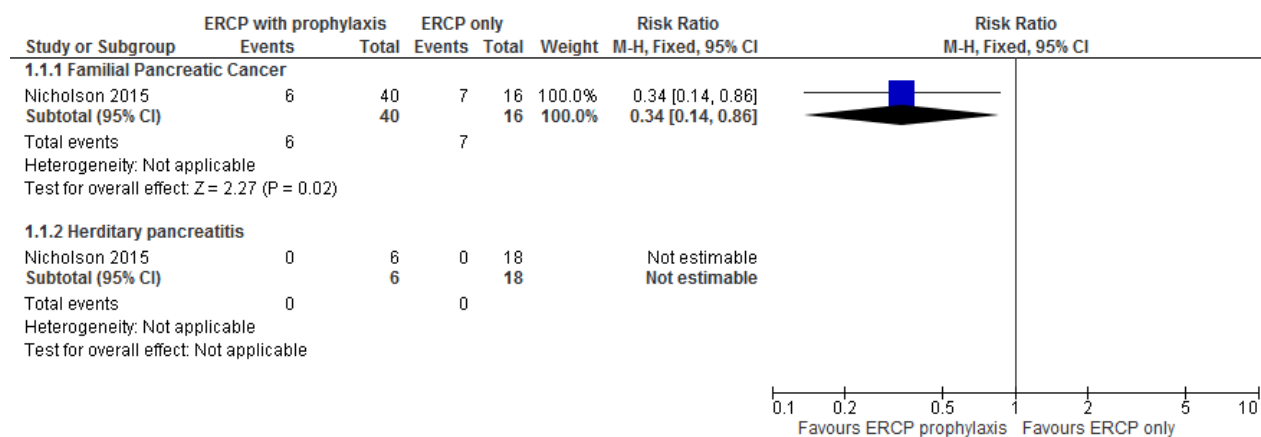
4 **Figure 42: Summary ROC curve for MRI to differentiate between (potentially)**
 5 **malignant and benign PCLs**



6

H.4.1 People with inherited high risk of pancreatic cancer

2 Figure 43: # ERCP procedures with post-ERCP pancreatitis



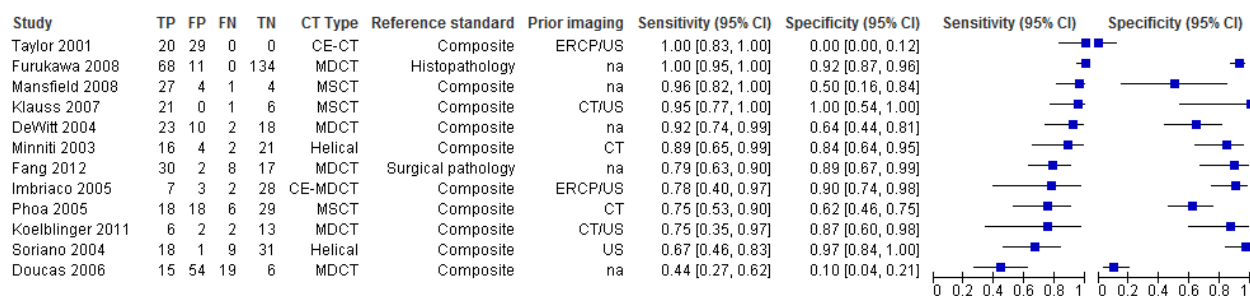
3

H.5.4 Referral to specialist multidisciplinary teams

5 Not applicable for this review.

H.6.6 Staging

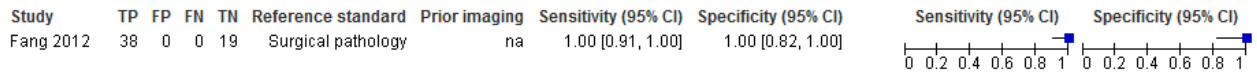
7 Figure 44: CT for resectability - Forest plots



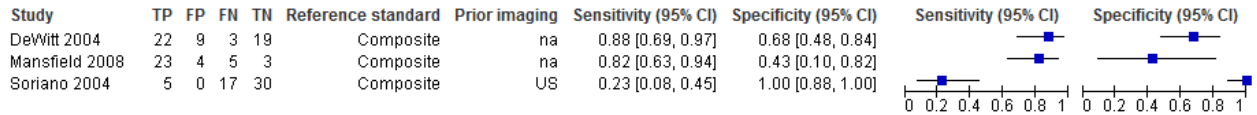
8

1 Figure 45: Other types of imaging for resectability - forest plots

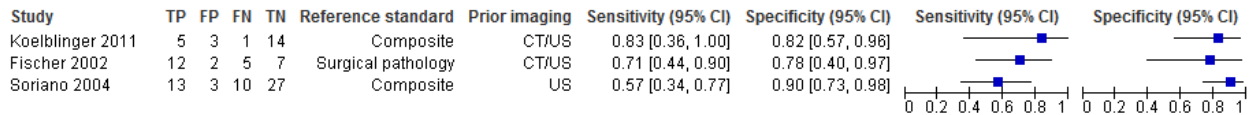
CT-3D for resectability



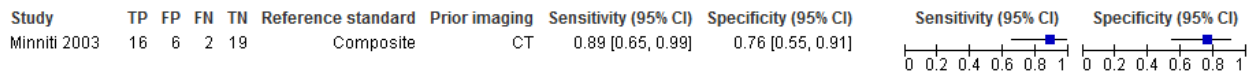
EUS for resectability



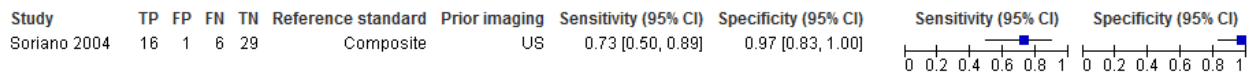
MRI for resectability



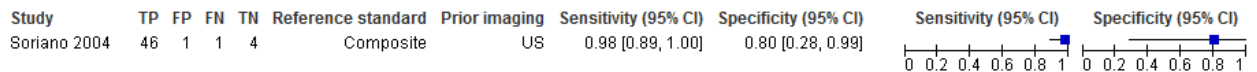
Abdominal US for resectability



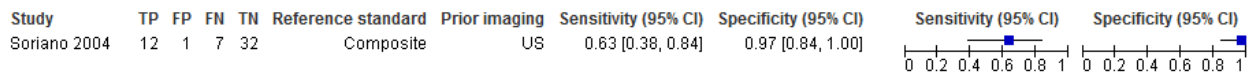
CT+EUS (all)



CT + EUS if CT-resectable

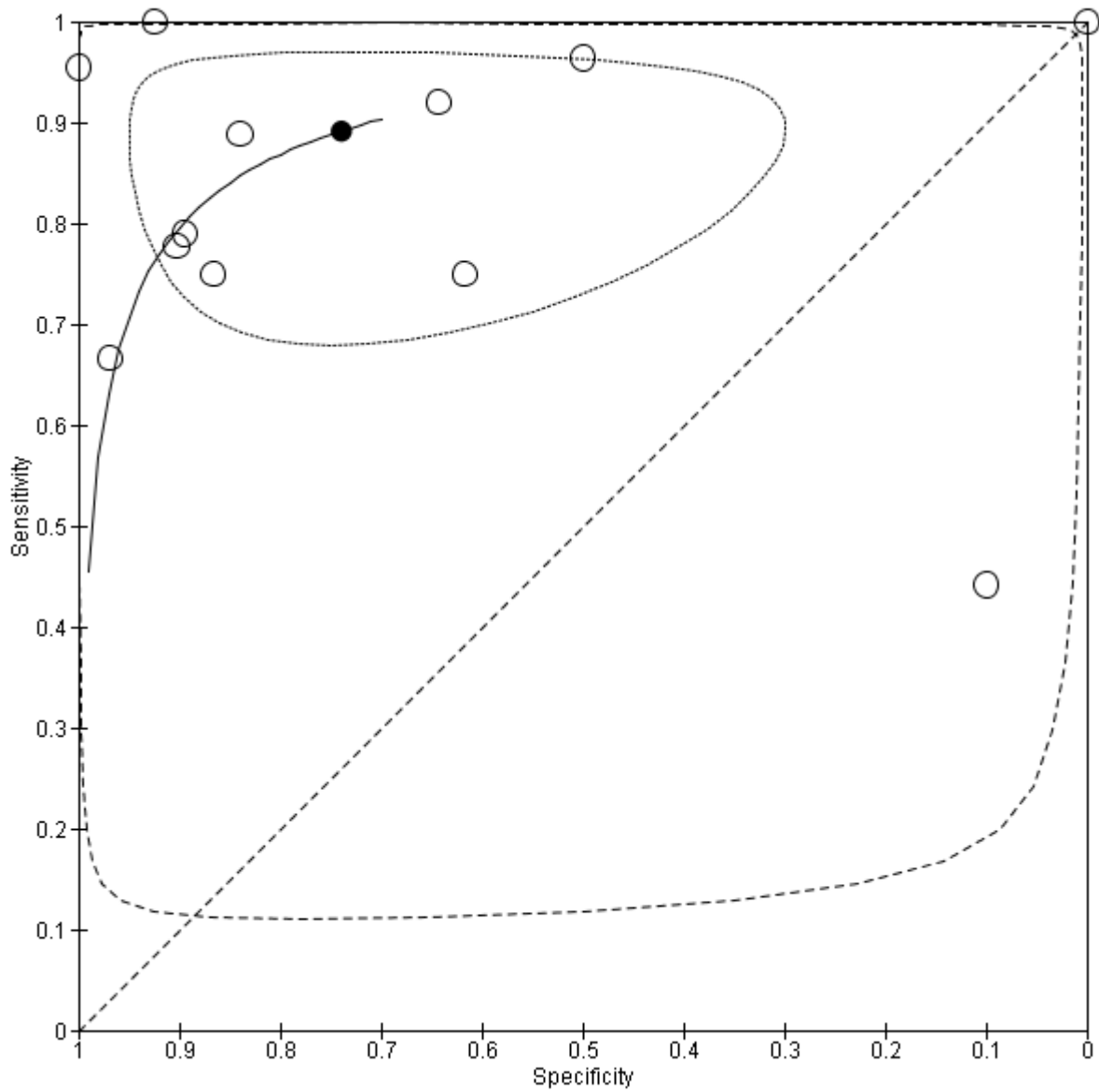


EUS+CT if EUS-resectable



2

1 **Figure 46: CT for Resectability - Summary ROC curve**



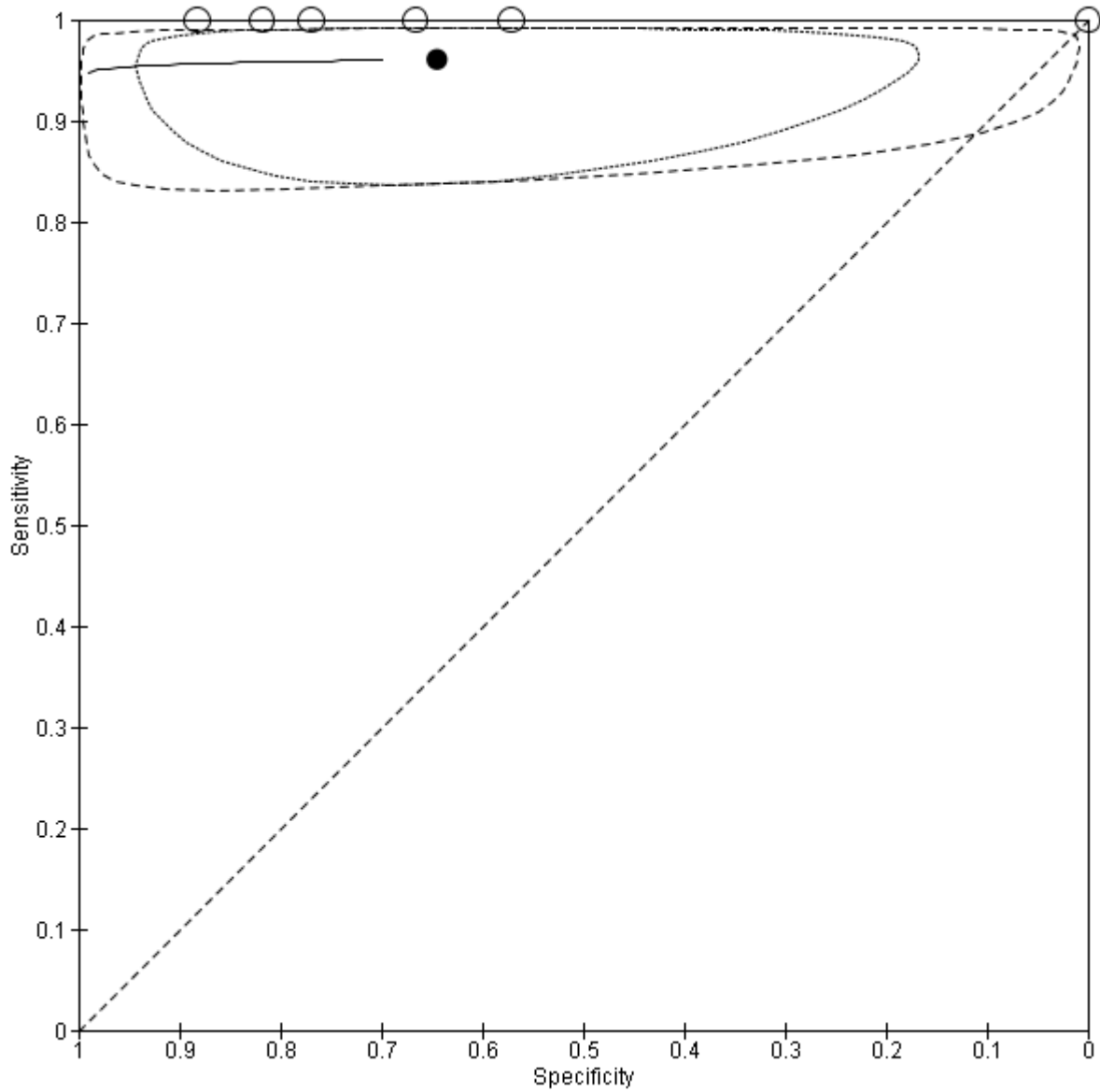
2

3 **Figure 47: Laparoscopy with laparoscopic ultrasonography for resectability in**
 4 **patients with potentially resectable pancreatic cancer – forest plots**

Study	TP	FP	FN	TN	US Type	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Shah 2008	6	2	0	9	Routine	Surgical pathology	CT	1.00 [0.54, 1.00]	0.82 [0.48, 0.98]		
Taylor 2001	20	2	0	4	Doppler	Composite	CT	1.00 [0.83, 1.00]	0.67 [0.22, 0.96]		
Kwon 2002	39	3	0	10	Doppler	Composite	US/CT/ERCP/EUS	1.00 [0.91, 1.00]	0.77 [0.46, 0.95]		
Schacter 2000	33	4	0	30	Doppler	Laparotomy	US/CT/ERCP/EUS	1.00 [0.89, 1.00]	0.88 [0.73, 0.97]		
Doucas 2006	15	21	0	28	Routine	Surgical pathology	CT	1.00 [0.78, 1.00]	0.57 [0.42, 0.71]		
Fristrup 2006	38	14	0	0	Routine	Composite	CT/US	1.00 [0.91, 1.00]	0.00 [0.00, 0.23]		

5

1 **Figure 48: Laparoscopy with laparoscopic ultrasonography for resectability in**
 2 **patients with potentially resectable pancreatic cancer – summary ROC curve**



3

4 **Figure 49: CT for N Staging – forest plots**

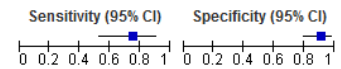
Study	TP	FP	FN	TN	CT Type	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Klek 2004	10	3	3	54	Helical	Histopathology	na	0.77 [0.46, 0.95]	0.95 [0.85, 0.99]		
Mansfield 2008	2	0	3	26	MSCT	Composite	na	0.40 [0.05, 0.85]	1.00 [0.87, 1.00]		
Soriano 2004	9	7	15	27	Helical	Composite	US	0.38 [0.19, 0.59]	0.79 [0.62, 0.91]		
Furukawa 2008	12	3	26	27	MDCT	Histopathology	na	0.32 [0.18, 0.49]	0.90 [0.73, 0.98]		
DeWitt 2004	9	11	23	12	MDCT	Composite	na	0.28 [0.14, 0.47]	0.52 [0.31, 0.73]		
Lemke 2004	8	4	23	12	MSCT	Composite	na	0.26 [0.12, 0.45]	0.75 [0.48, 0.93]		

5

1 Figure 50: N Staging for other types of imaging - Forest plots

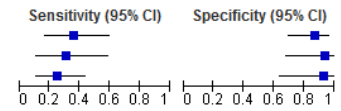
Abdominal US for N Staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Klek 2004	18	4	6	42	Histopathology	na	0.75 [0.53, 0.90]	0.91 [0.79, 0.98]



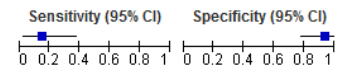
EUS for N staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Soriano 2004	8	4	14	26	Composite	US	0.36 [0.17, 0.59]	0.87 [0.69, 0.96]
Mansfield 2008	5	1	11	14	Composite	na	0.31 [0.11, 0.59]	0.93 [0.68, 1.00]
DeWitt 2004	8	1	24	12	Composite	na	0.25 [0.11, 0.43]	0.92 [0.64, 1.00]



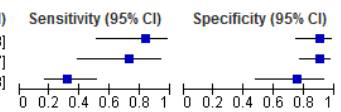
MRI for N staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Soriano 2004	3	2	17	28	Composite	US	0.15 [0.03, 0.38]	0.93 [0.78, 0.99]



PET/CT for N staging

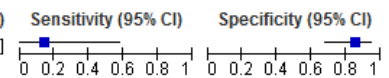
Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Yoneyama 2014 CE Group	10	3	2	28	Composite	na	0.83 [0.52, 0.98]	0.90 [0.74, 0.98]
Yoneyama 2014 non-CE Group	8	4	3	37	Surgical pathology	na	0.73 [0.39, 0.94]	0.90 [0.77, 0.97]
Lemke 2004	10	4	21	12	Composite	na	0.32 [0.17, 0.51]	0.75 [0.48, 0.93]



2

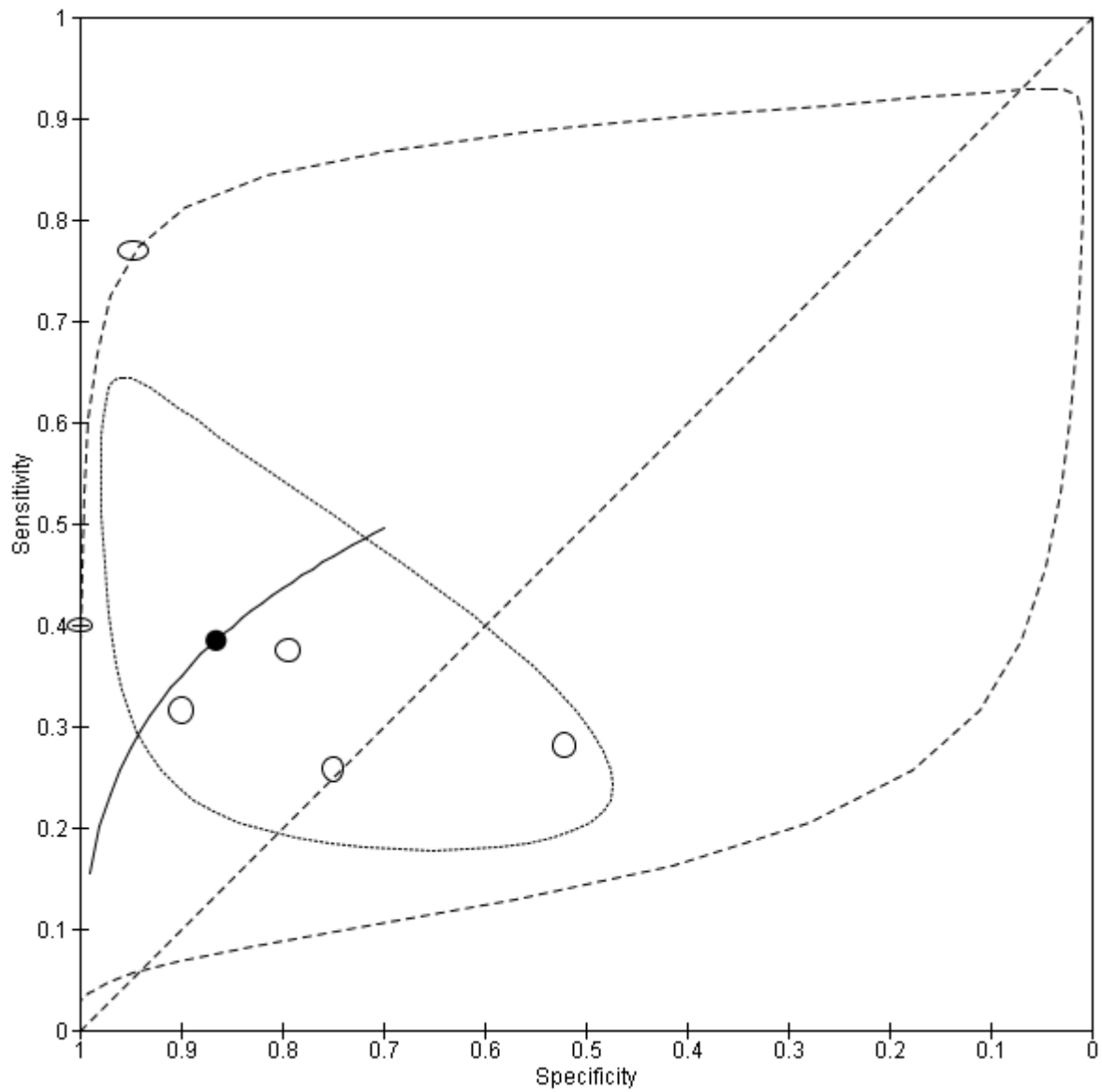
3 Figure 51: N Staging by number of lymph nodes - forest plot

Study	TP	FP	FN	TN	Reference standard	Prior test	Sensitivity (95% CI)	Specificity (95% CI)
Roche 2003	1	5	6	28	Histopathology	No	0.14 [0.00, 0.58]	0.85 [0.68, 0.95]



4

1 **Figure 52: CT for N Staging - Summary ROC curve**

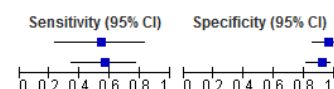


2

1 Figure 53: M Staging - Forest plots

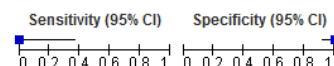
CT for M staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Soriano 2004	6	2	5	46	Composite	US	0.55 [0.23, 0.83]	0.96 [0.86, 0.99]
Farna 2008	13	5	10	54	Composite	na	0.57 [0.34, 0.77]	0.92 [0.81, 0.97]



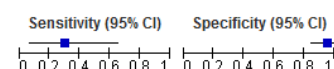
EUS for M staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Soriano 2004	0	0	8	44	Composite	US	0.00 [0.00, 0.37]	1.00 [0.92, 1.00]



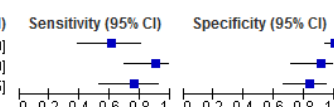
MRI for M staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Soriano 2004	3	2	7	41	Composite	US	0.30 [0.07, 0.65]	0.95 [0.84, 0.99]



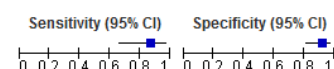
PET/CT for M Staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Farna 2008	14	0	9	59	Composite	na	0.61 [0.39, 0.80]	1.00 [0.94, 1.00]
Yoneyama 2014 CE Group	19	2	2	20	Composite	na	0.90 [0.70, 0.99]	0.91 [0.71, 0.99]
Yoneyama 2014 non-CE Group	16	5	5	26	Surgical pathology	na	0.76 [0.53, 0.92]	0.84 [0.66, 0.95]



CT + PET/CT for M Staging

Study	TP	FP	FN	TN	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)
Farna 2008	20	5	3	54	Composite	na	0.87 [0.66, 0.97]	0.92 [0.81, 0.97]

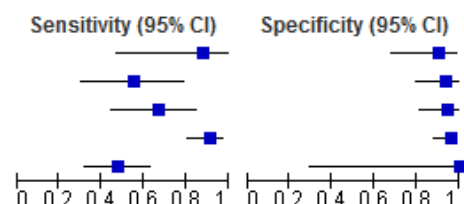


2

3 Figure 54: Vascular invasion - forest plots

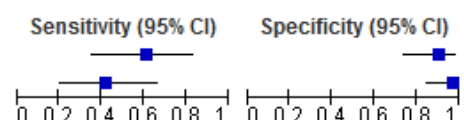
CT for vascular invasion

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)
Klauss 2007	7	2	1	18	0.88 [0.47, 1.00]	0.90 [0.68, 0.99]
Tellez-Avila 2012	10	2	8	30	0.56 [0.31, 0.78]	0.94 [0.79, 0.99]
Soriano 2004	16	2	8	33	0.67 [0.45, 0.84]	0.94 [0.81, 0.99]
Klek 2004	51	3	5	67	0.91 [0.80, 0.97]	0.96 [0.88, 0.99]
Lemke 2004	21	0	23	3	0.48 [0.32, 0.63]	1.00 [0.29, 1.00]



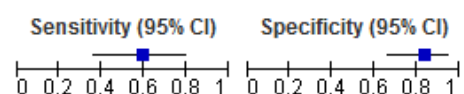
EUS for vascular invasion

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)
Tellez-Avila 2012	11	3	7	27	0.61 [0.36, 0.83]	0.90 [0.73, 0.98]
Soriano 2004	8	1	11	32	0.42 [0.20, 0.67]	0.97 [0.84, 1.00]



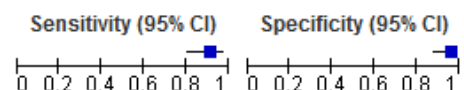
MRI for vascular invasion

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)
Soriano 2004	13	5	9	26	0.59 [0.36, 0.79]	0.84 [0.66, 0.95]



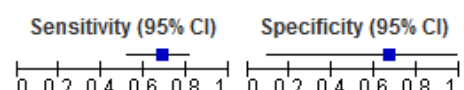
Abdominal US for vascular invasion

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)
Klek 2004	50	3	5	68	0.91 [0.80, 0.97]	0.96 [0.88, 0.99]



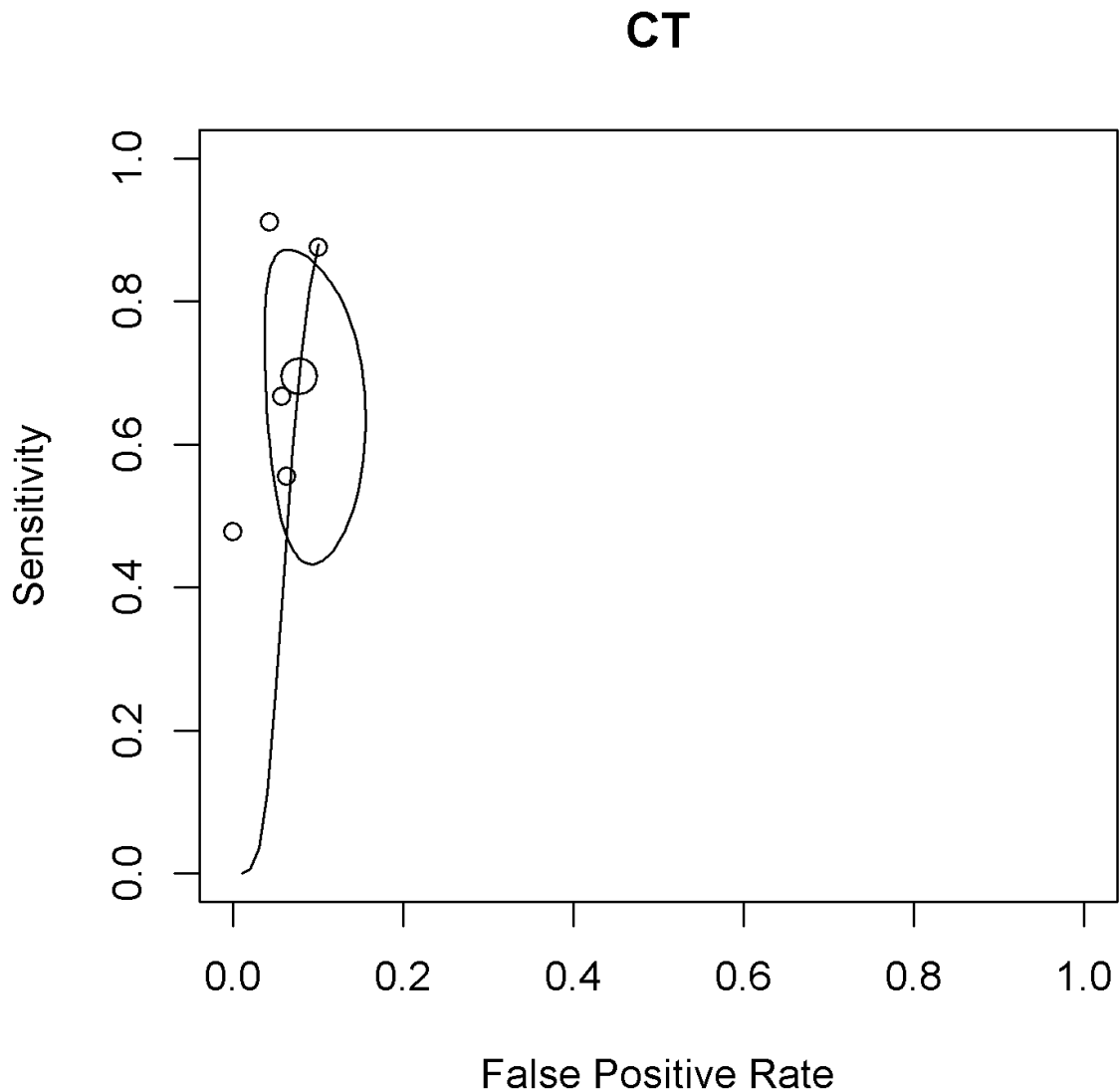
PET/CT for vascular invasion

Study	TP	FP	FN	TN	Sensitivity (95% CI)	Specificity (95% CI)
Lemke 2004	30	1	14	2	0.68 [0.52, 0.81]	0.67 [0.09, 0.99]



4

1 **Figure 55: CT for vascular invasion - Summary ROC curve**



2

3 **Figure 56: CA 19-9 for improving staging laparoscopy – forest plots**

Study	TP	FP	FN	TN	CA 19-9 level	Reference standard	Prior imaging	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Maithel 2008	105	13	106	38	less than/= \leq 130 kU/l	Laparoscopy	CT/MRI	0.50 [0.43, 0.57]	0.75 [0.60, 0.86]		
Connor 2005	60	3	75	21	less than/= \leq 150 kU/l	Surgical pathology	CT	0.44 [0.36, 0.53]	0.88 [0.68, 0.97]		

4

5

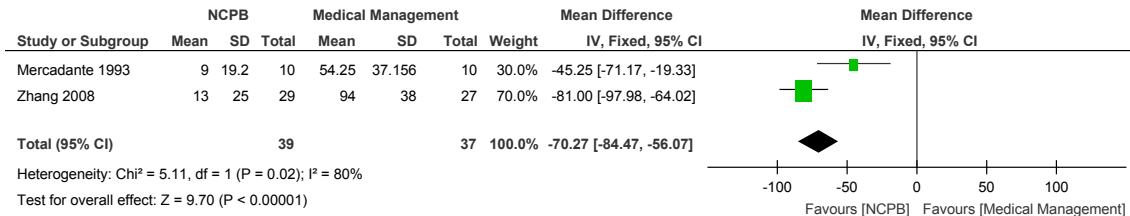
H.7.6 Psychological support needs

7 Not applicable for this review.

H.8₁ Pain

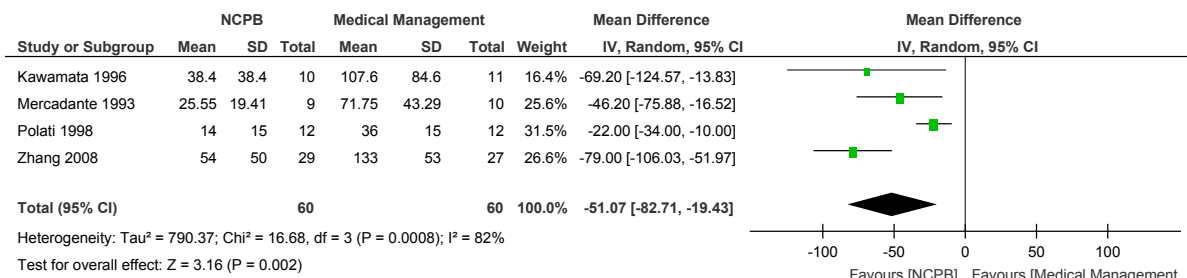
H.8.12 NCPB versus medical management alone

3 Figure 57: Opioid use at 2 weeks



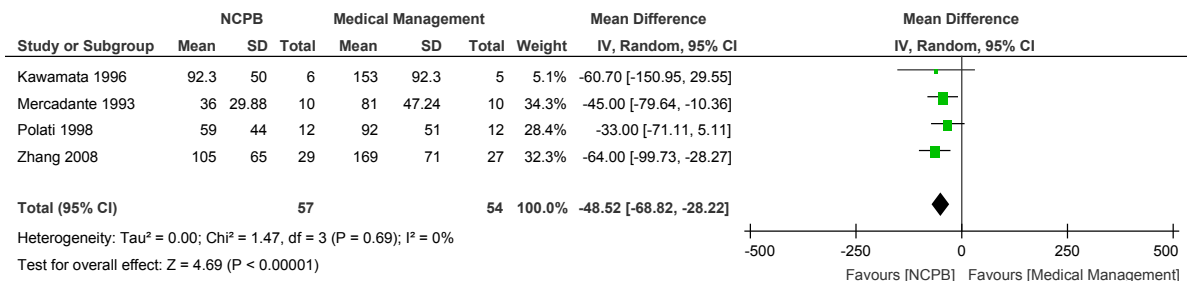
4

5 Figure 58: Opioid use at 4 weeks



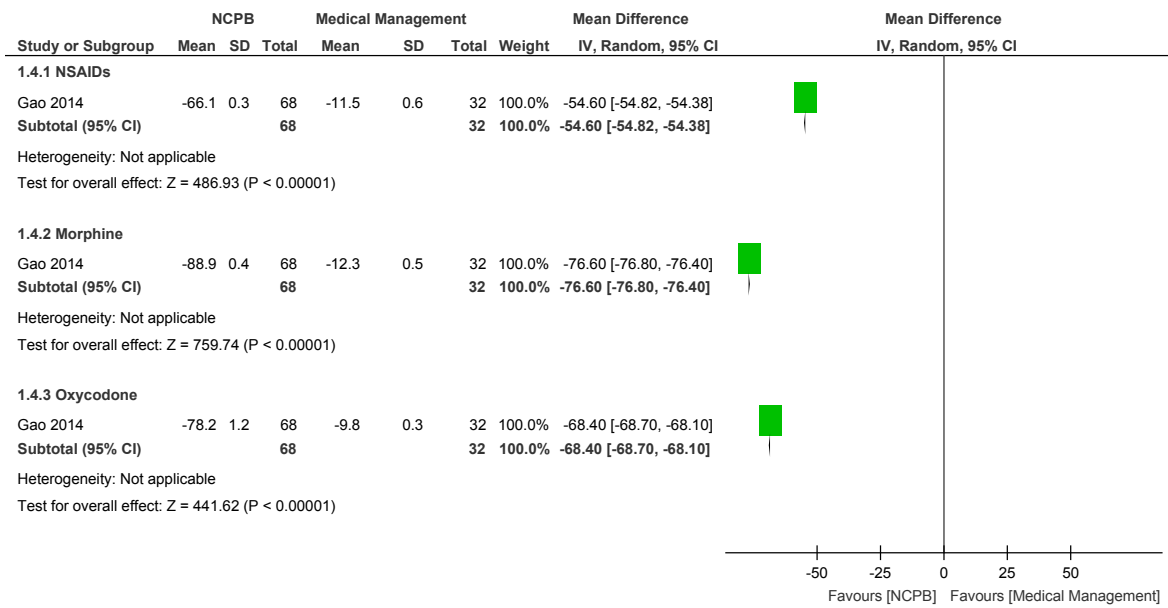
6

7 Figure 59: Opioid use the day before to death



8

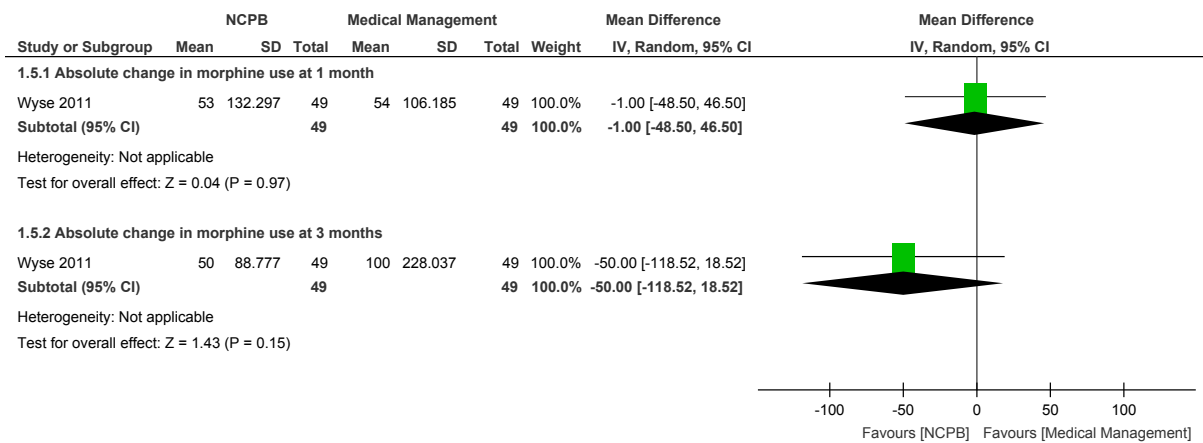
1 Figure 60: Percentage change in analgesic medications use and 3 months



2

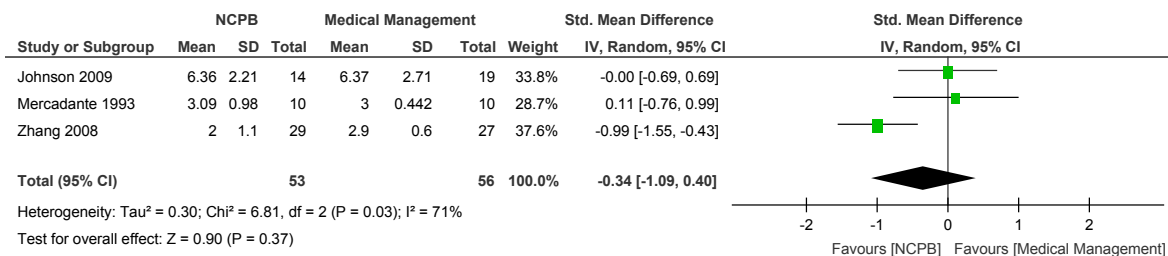
3 Figure 61: Reduction in opioid medication: Absolute change in morphine use at 1 and 3 months

4



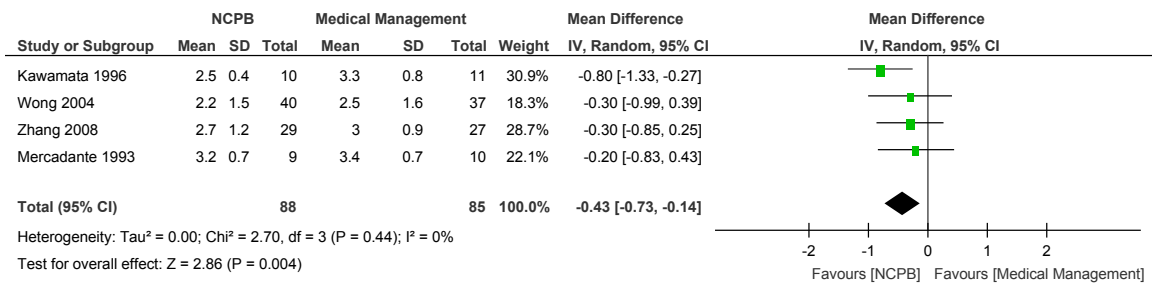
5

6 Figure 62: Pain scores at 2 weeks



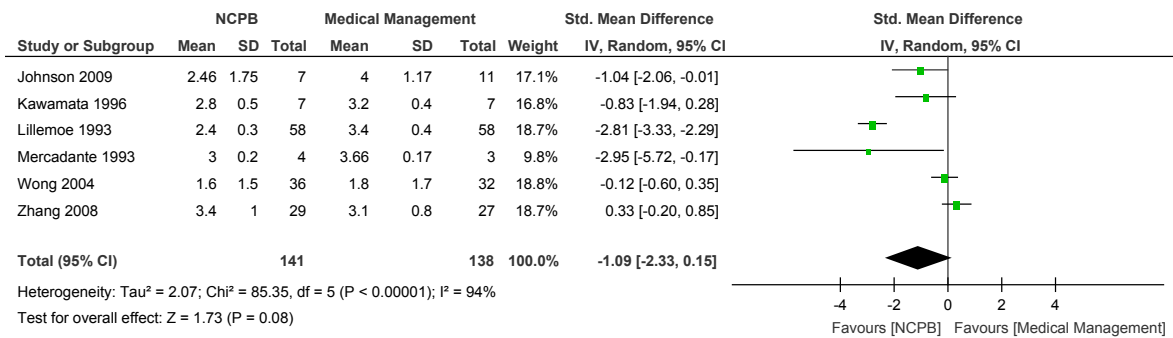
7

1 Figure 63: Pain scores at 4 weeks



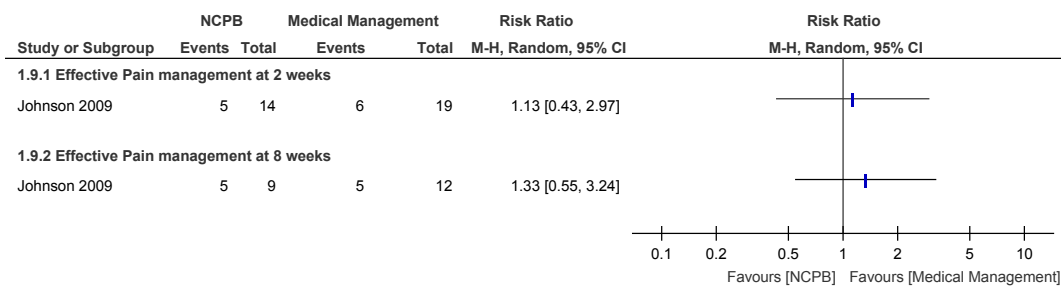
2

3 Figure 64: Pain scores at 8 weeks



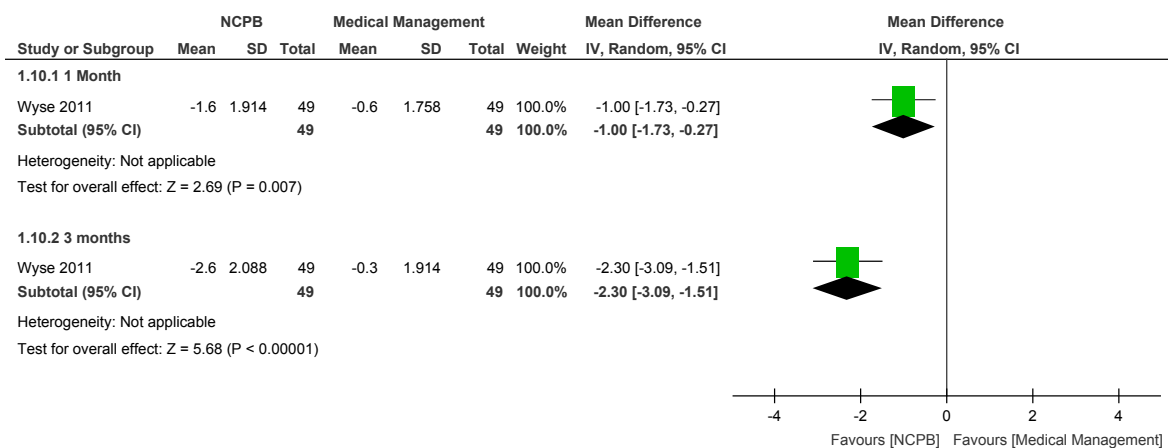
4

5 Figure 65: Patients reporting effective pain management at 2 and 8 weeks



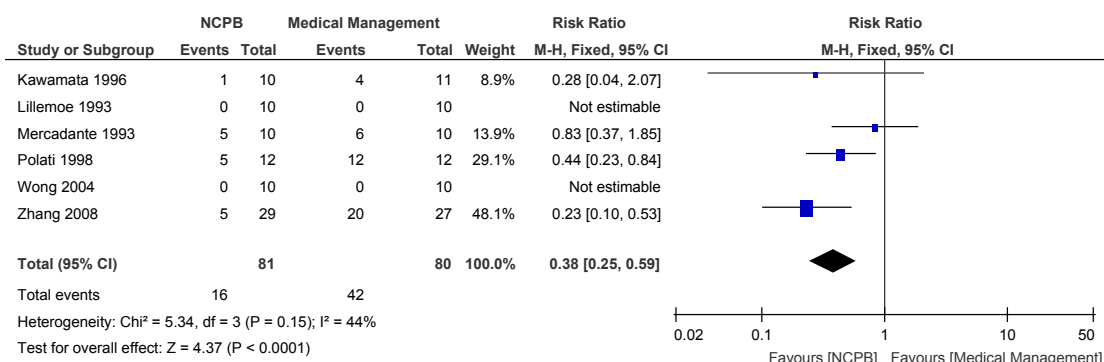
6

7 Figure 66: Absolute Change in Pain score at 1 and 3 months



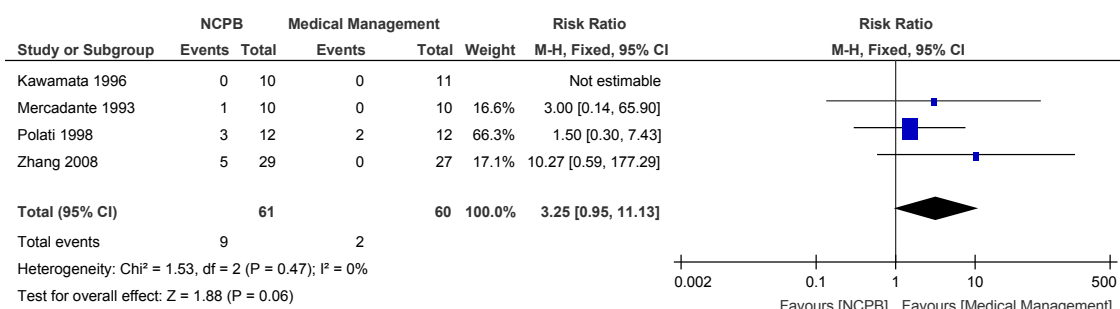
8

1 Figure 67: Adverse effects – constipation



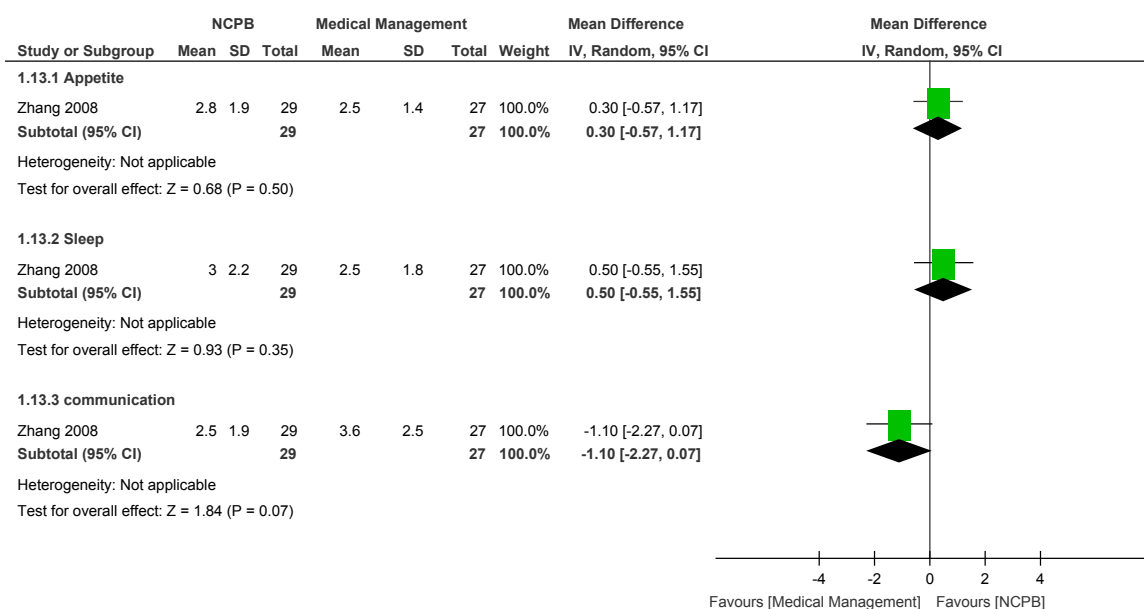
2

3 Figure 68: Adverse effects: diarrhoea



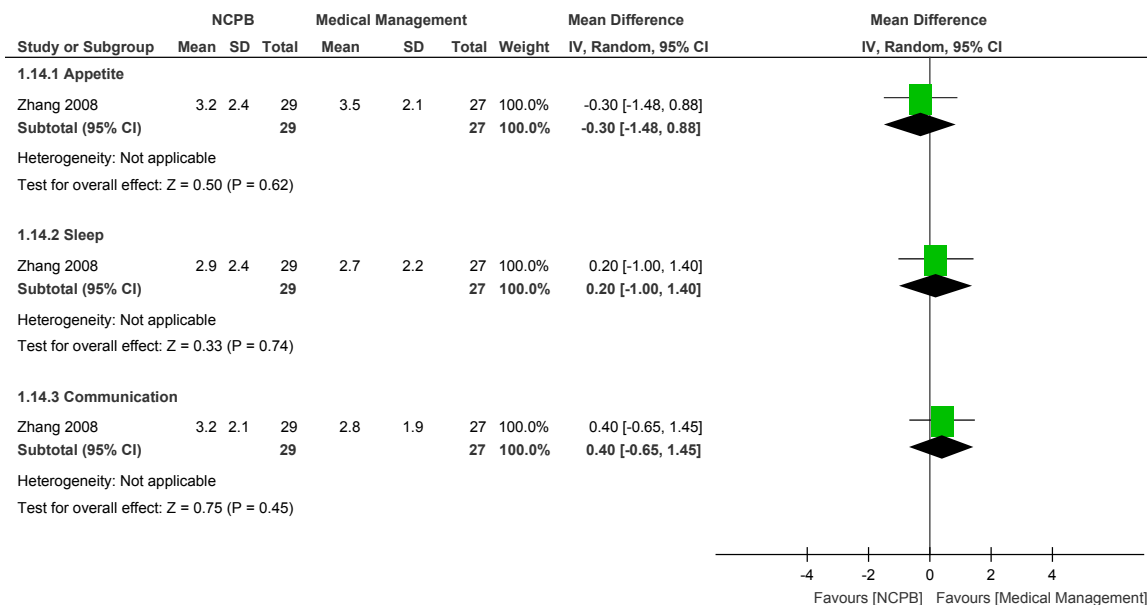
4

5 Figure 69: QOL scores (as interference with appetite, sleep, communication) at 1 month



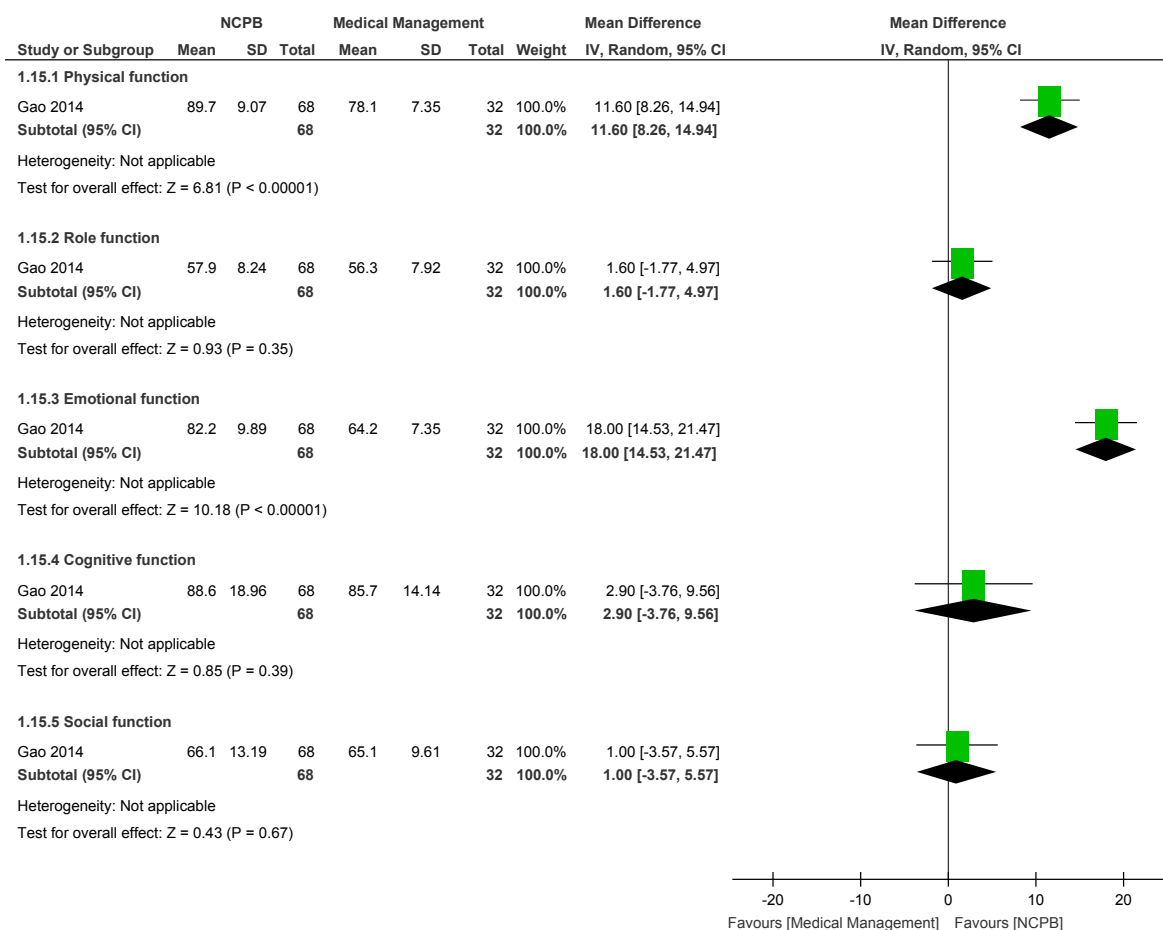
7

1 **Figure 70: QOL scores (as interference with appetite, sleep, communication) 3**
2 **months**



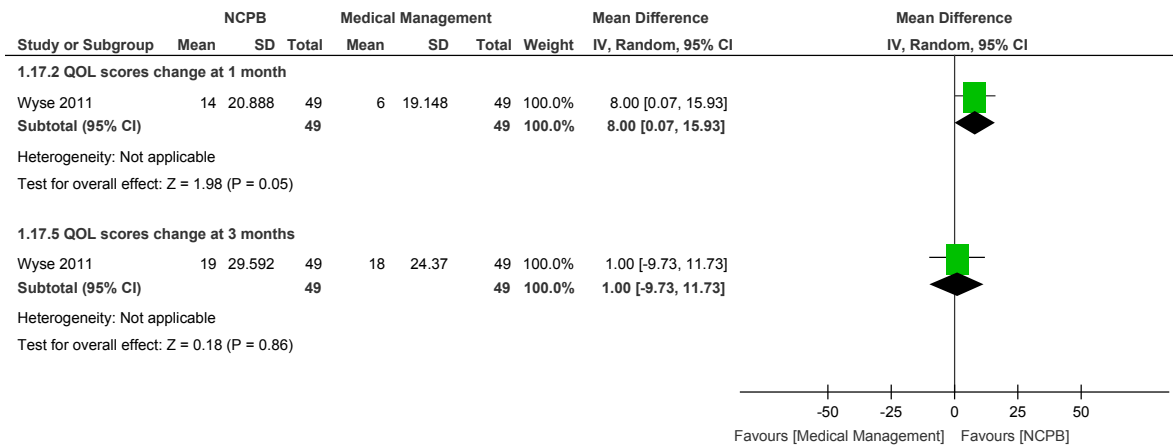
3

4 **Figure 71: QOL scores (Functional scales: physical; role; emotional; cognitive and**
5 **social) at 3 months**



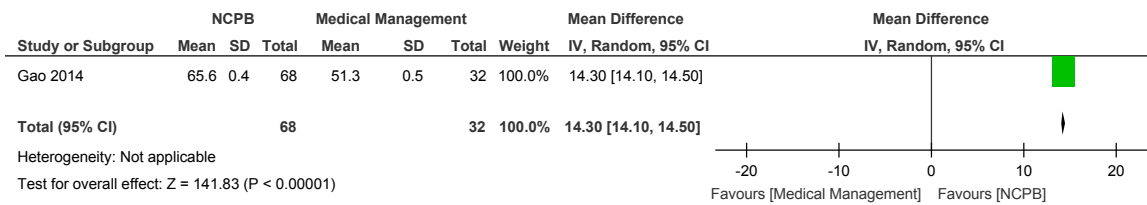
6

1 **Figure 72: QOL scores - Digestive Disease questionnaire-15: Percentage change at 1 and 3 months**



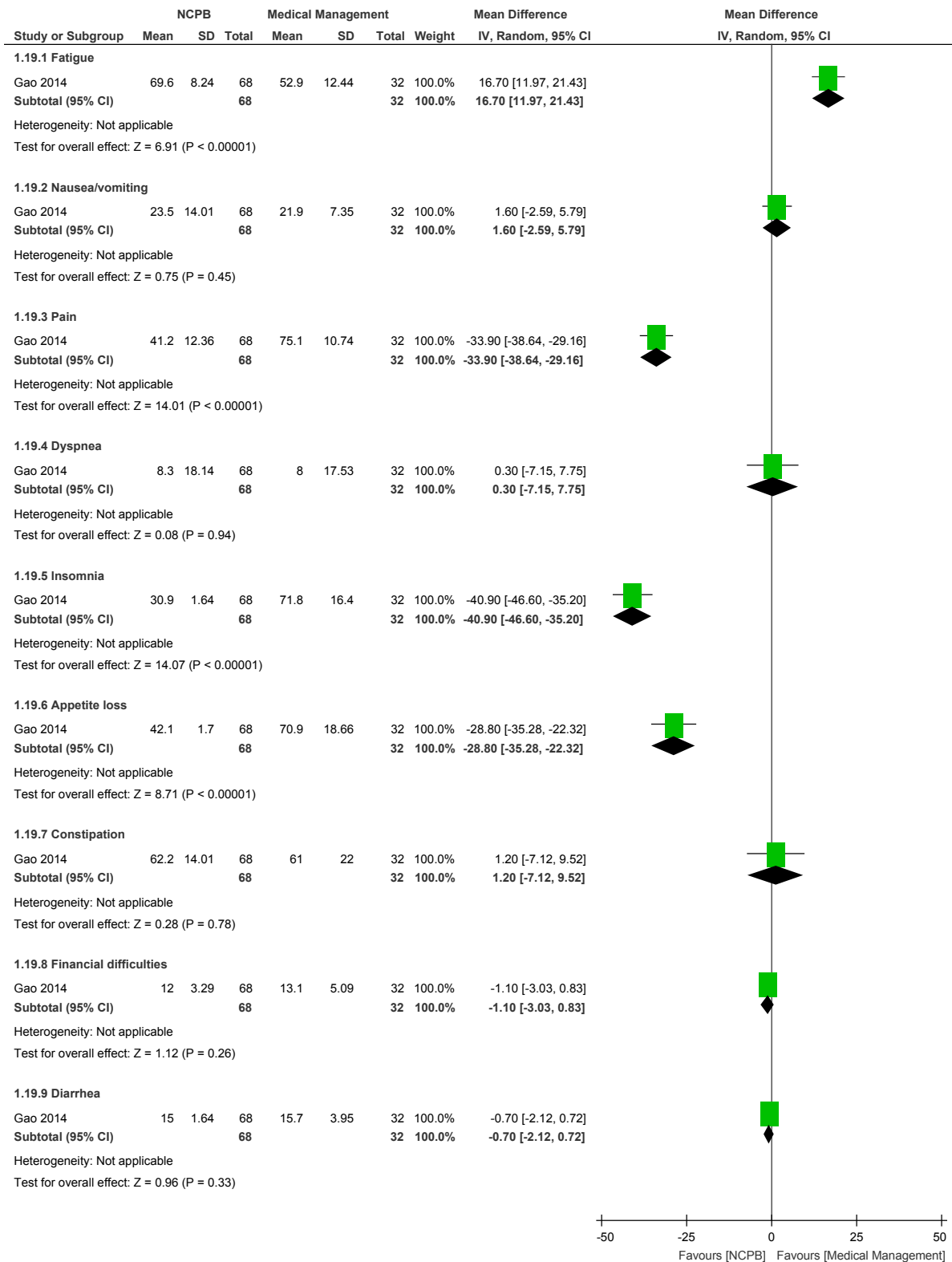
3

4 **Figure 73: QOL scores – Global quality of life at 3 month**



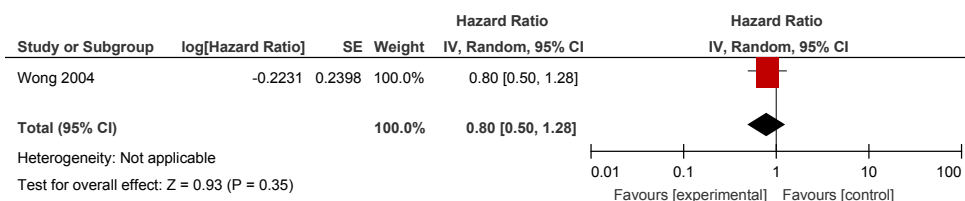
5

**1 Figure 74: QOL scores – Symptom (Fatigue; Nausea/vomiting; Pain; Dyspnea;
2 Insomnia; Appetite loss; Constipation and financial difficulties) at 3 months**



3

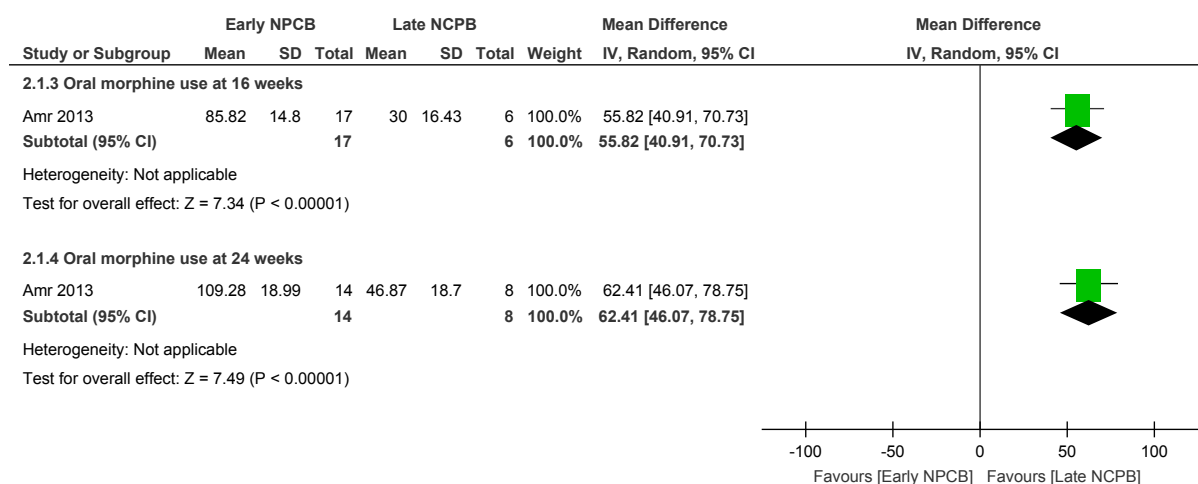
1 Figure 75: Overall survival



2

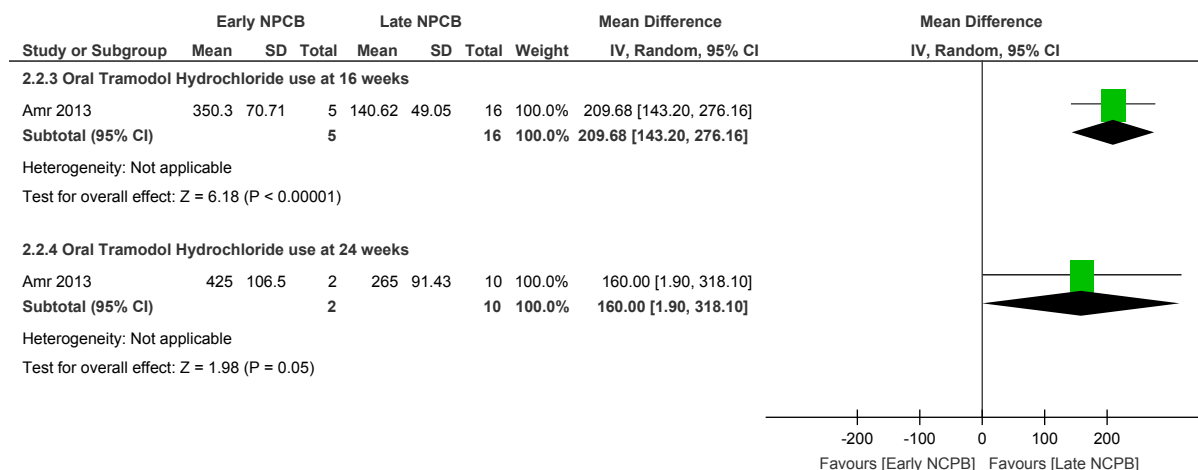
H.8.23 Early NCPB versus late NCPB

4 Figure 76: Oral morphine use at 16 and 24 weeks follow-up



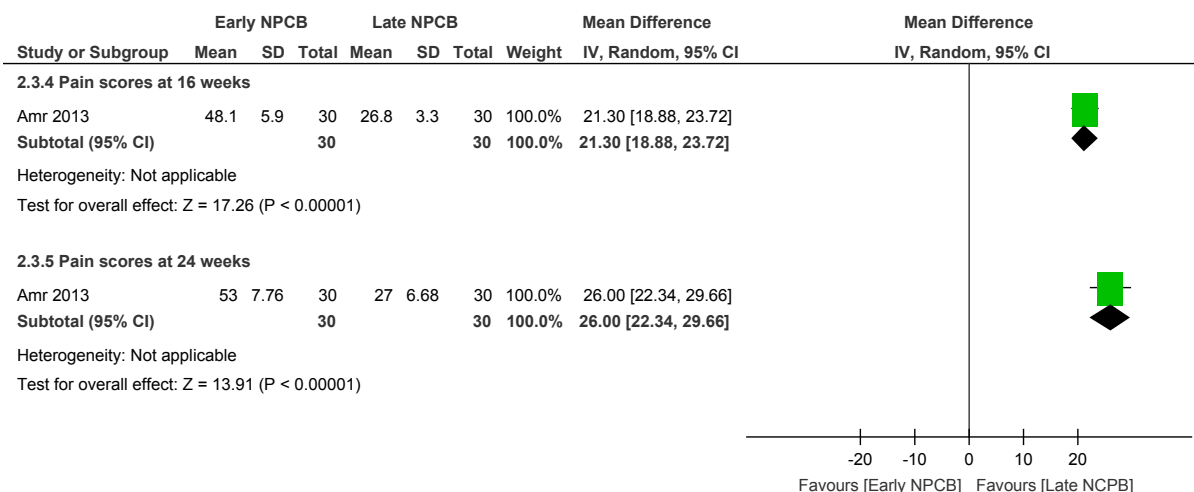
5

6 Figure 77: Oral Tramadol Hydrochloride use at 16 and 24 weeks follow-up.



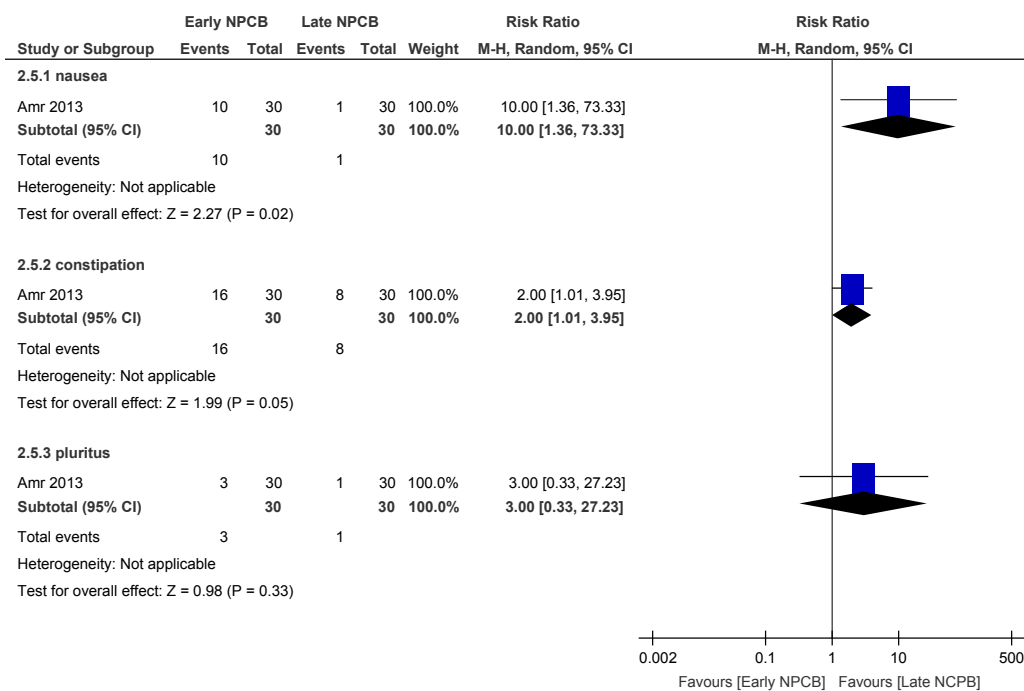
7

1 Figure 78: Pain scores at 16 and 24 weeks follow-up.



2

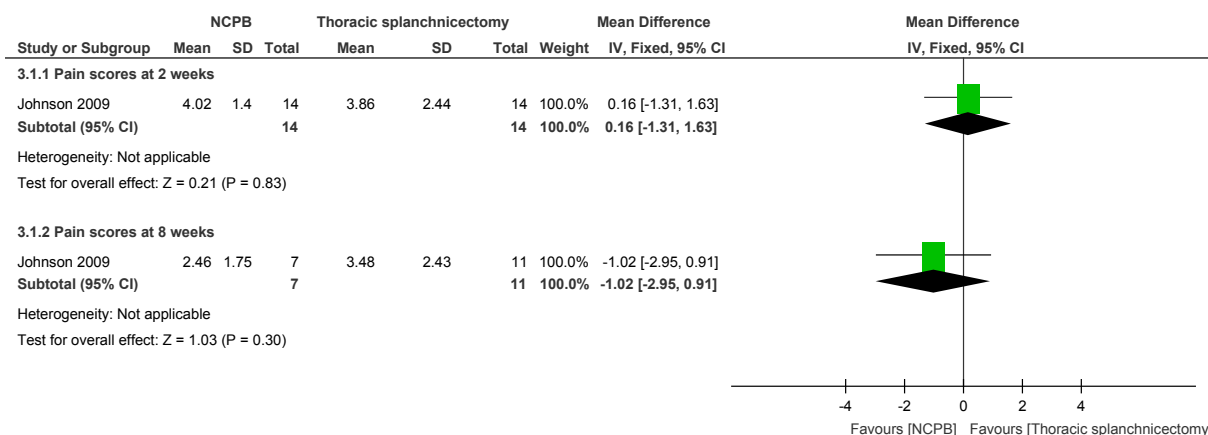
3 Figure 79: Adverse effects - nausea, constipation, pleritus



4

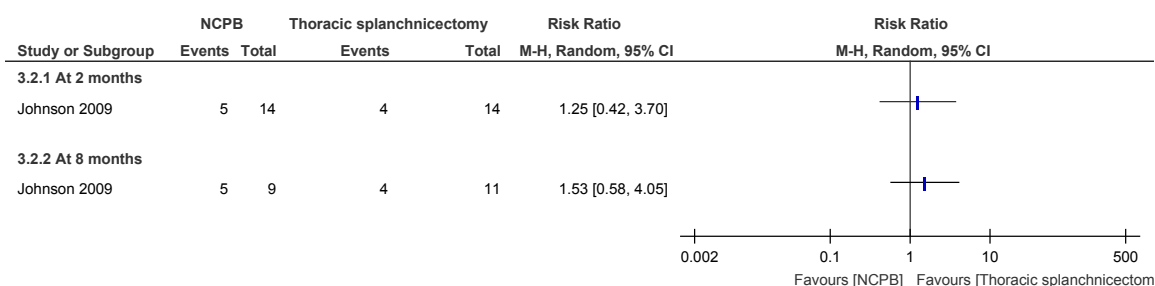
H.8.31 NCPB plus medical management versus thoracic splanchnicectomy plus medical management

3 Figure 80: Pain scores at 2 and 8 weeks



4

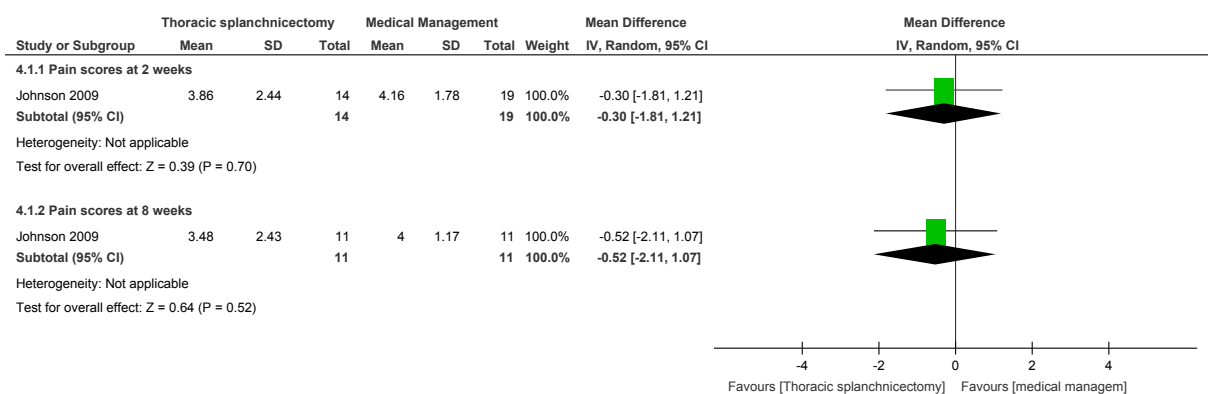
5 Figure 81: Patients reporting effective pain management at 2 and 8 weeks



6

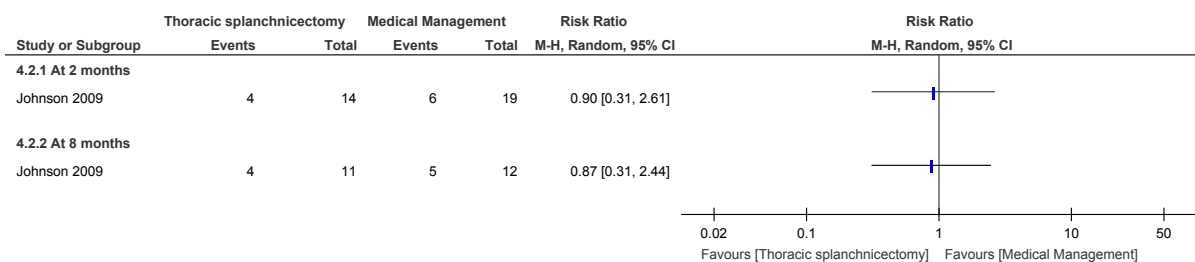
H.8.47 Thoracic splanchnicectomy + medical management versus medical management alone

9 Figure 82: Pain scores at 2 and 8 weeks



10

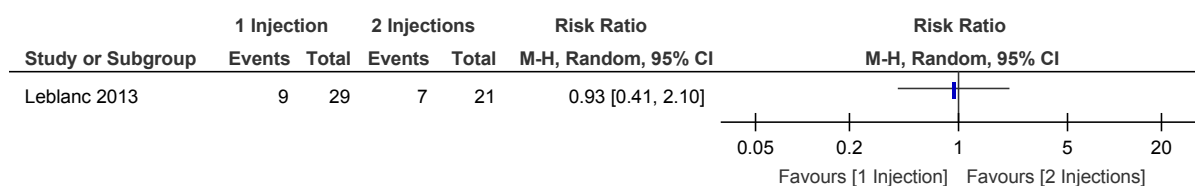
1 Figure 83: Patients reporting effective pain management at 2 and 8 weeks



2

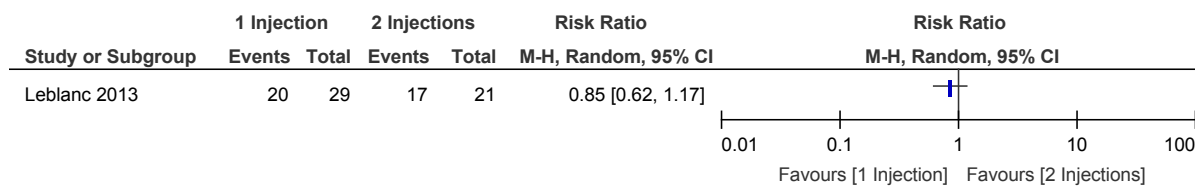
H.8.53 EUS- guided NCPB: 1 injection versus EUS- guided NCPB: 2 injections

4 Figure 84: Reduction in pain medication



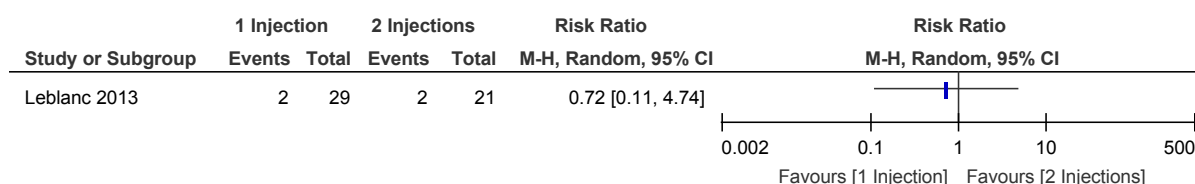
5

6 Figure 29: Patients with pain relief



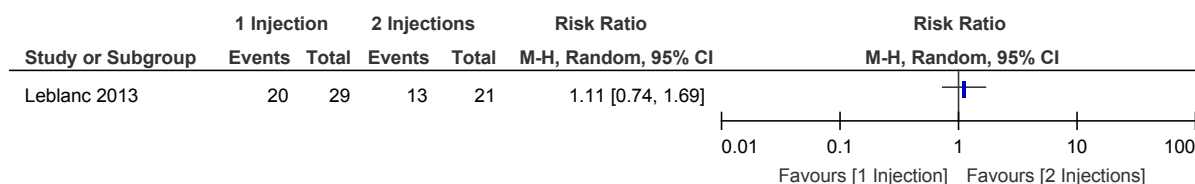
7

8 Figure 85: Patients with a complete pain relief



9

10 Figure 86: Patients reporting a block effective (subjective)



11

H.8.62 NCPB versus splanchnic nerve blocks

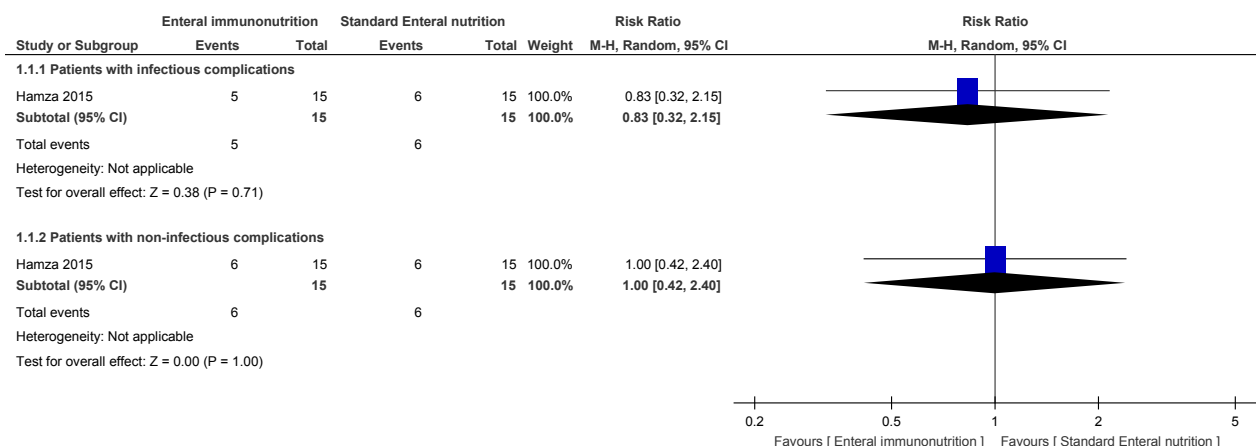
13 None

14

H.9.1 Nutritional Interventions

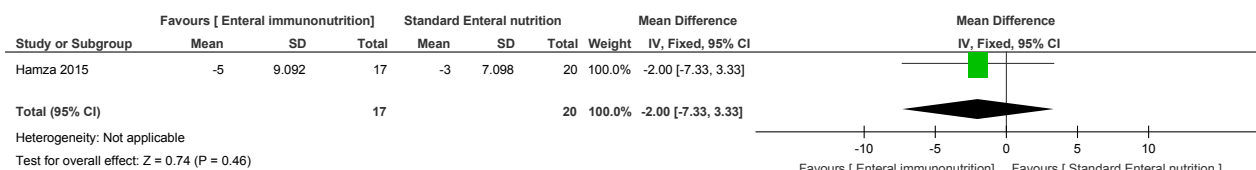
H.9.1.2 Standard Enteral nutrition versus enteral immunonutrition before and after surgery

4 Figure 87: Treatment related morbidity - postoperative complications



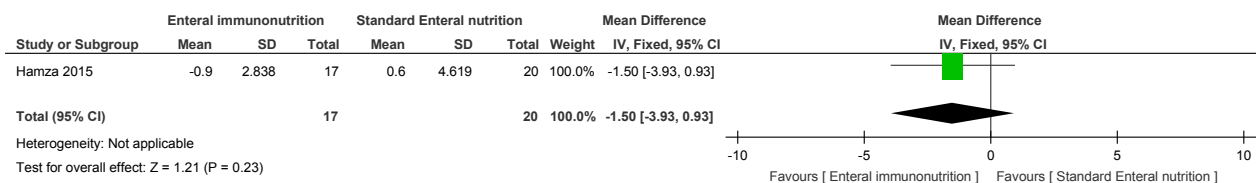
5

6 Figure 88: Health Related Quality of Life - Karnofsky score at 2 weeks after surgery, change from baseline



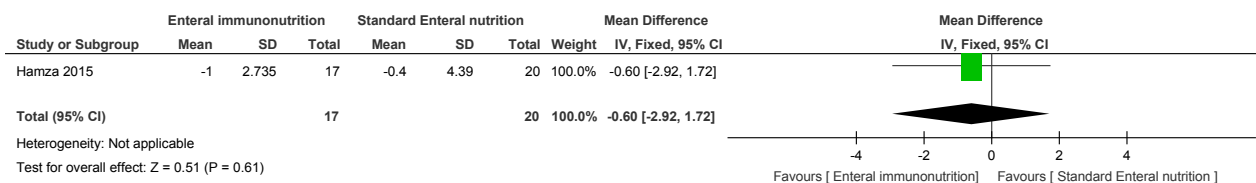
8

9 Figure 89: Nutritional status at 2 weeks after surgery - BMI (kg/m2), change from baseline



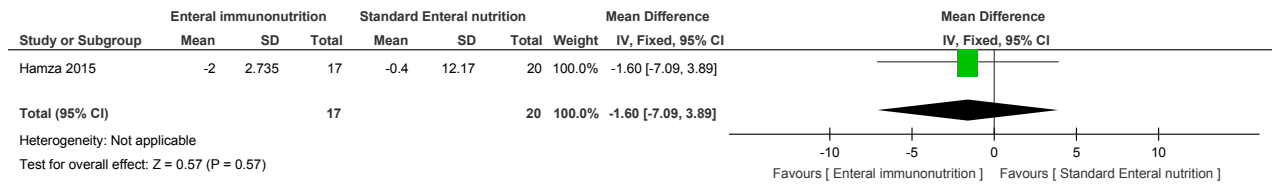
11

12 Figure 90: Nutritional status at 2 weeks after surgery - mid-arm circumference (cm), change from baseline



14

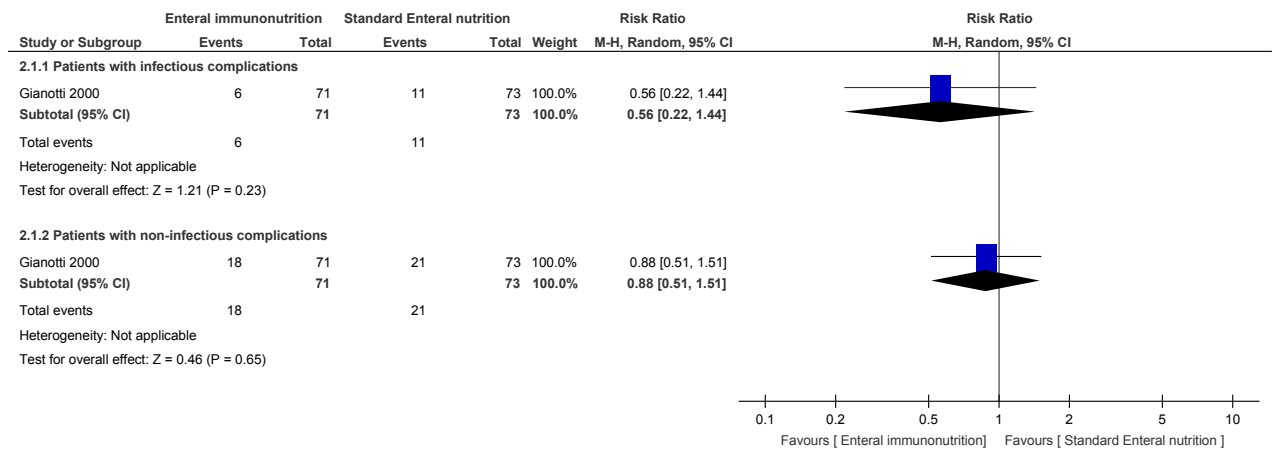
1 **Figure 91: Nutritional status at 2 weeks after surgery - corrected arm muscle area (cm²), change from baseline**



3

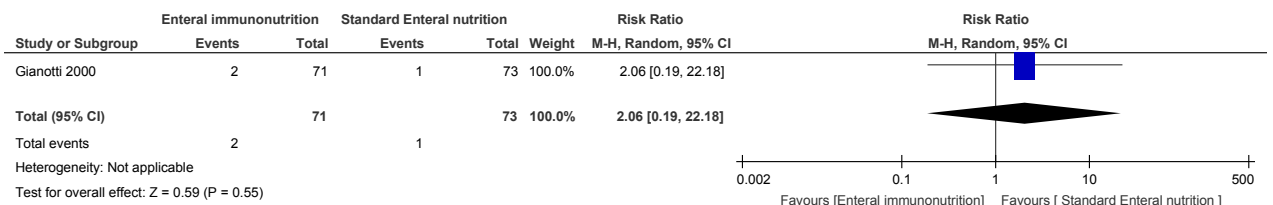
H.9.24 **Standard Enteral nutrition (versus enteral immunonutrition after surgery**

5 **Figure 92: Treatment related morbidity - postoperative complications**



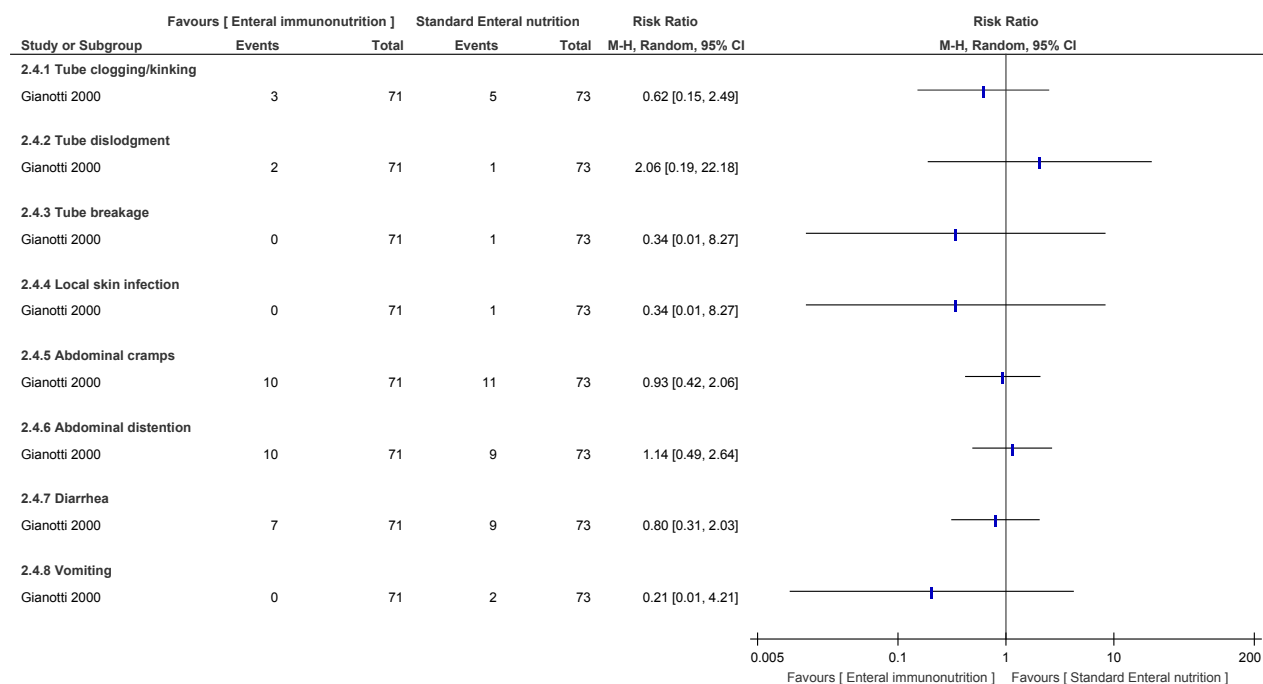
6

7 **Figure 93: Treatment related morbidity - postoperative mortality**



8

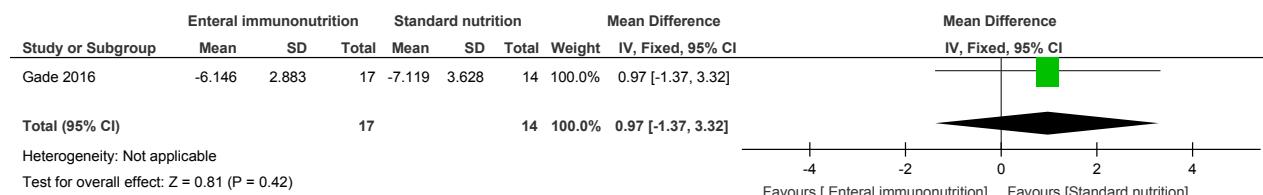
1 **Figure 94: Treatment related morbidity - Jejunostomy and enteral nutritional**
2 **related complications**



3

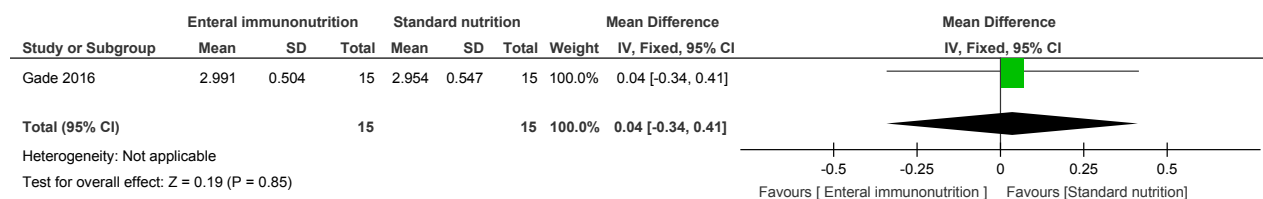
H.9.34 Enteral immunonutrition versus Standard nutrition (no intervention)

5 **Figure 95: Nutritional status at 30 days after surgery - Absolute change in weight**
6 **(kg) from baseline**



7

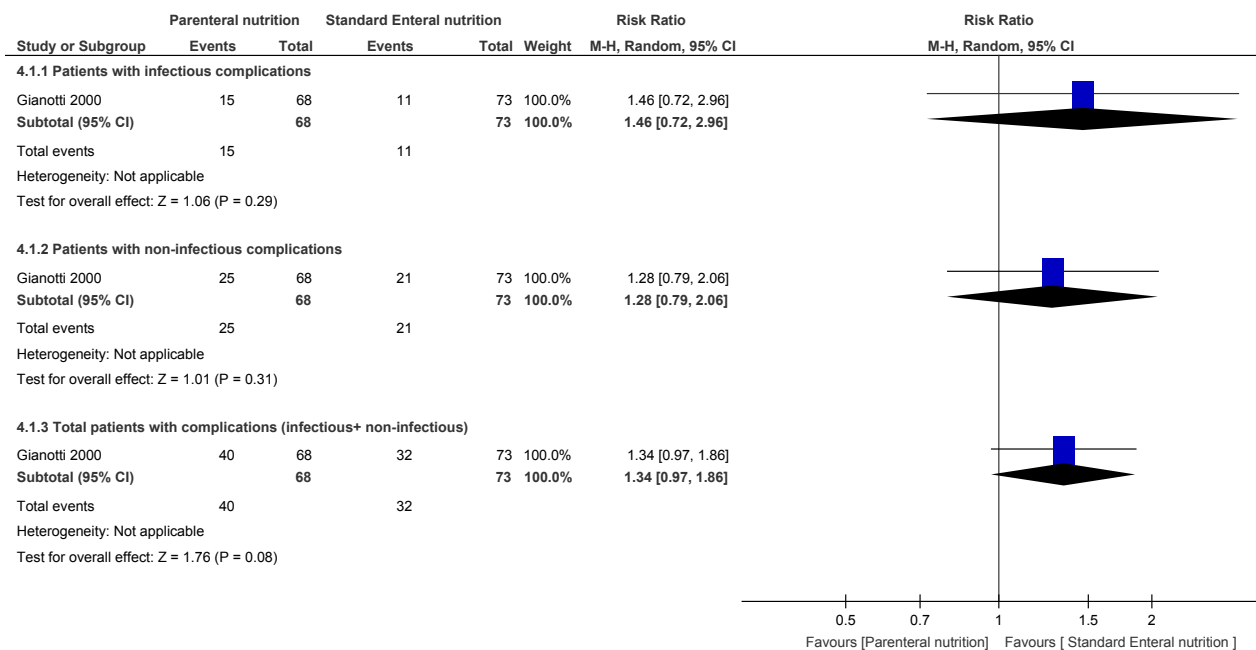
8 **Figure 10: PROMS - Satisfaction with nutritional treatment at 1 month after surgery**



9

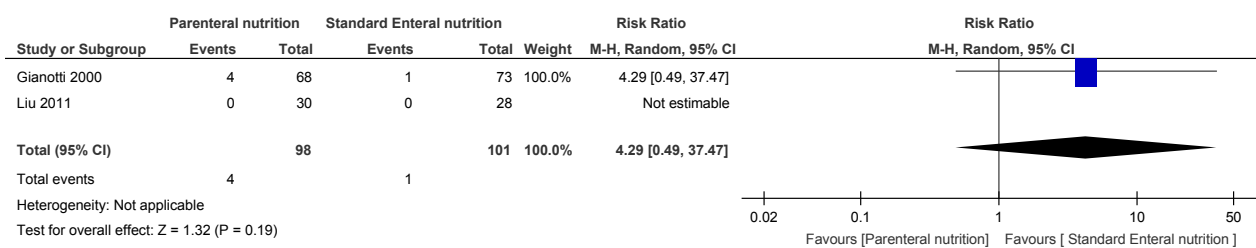
H.9.4.1 Parenteral nutrition versus standard enteral nutrition after surgery

2 Figure 96: Treatment related morbidity - postoperative complications



3

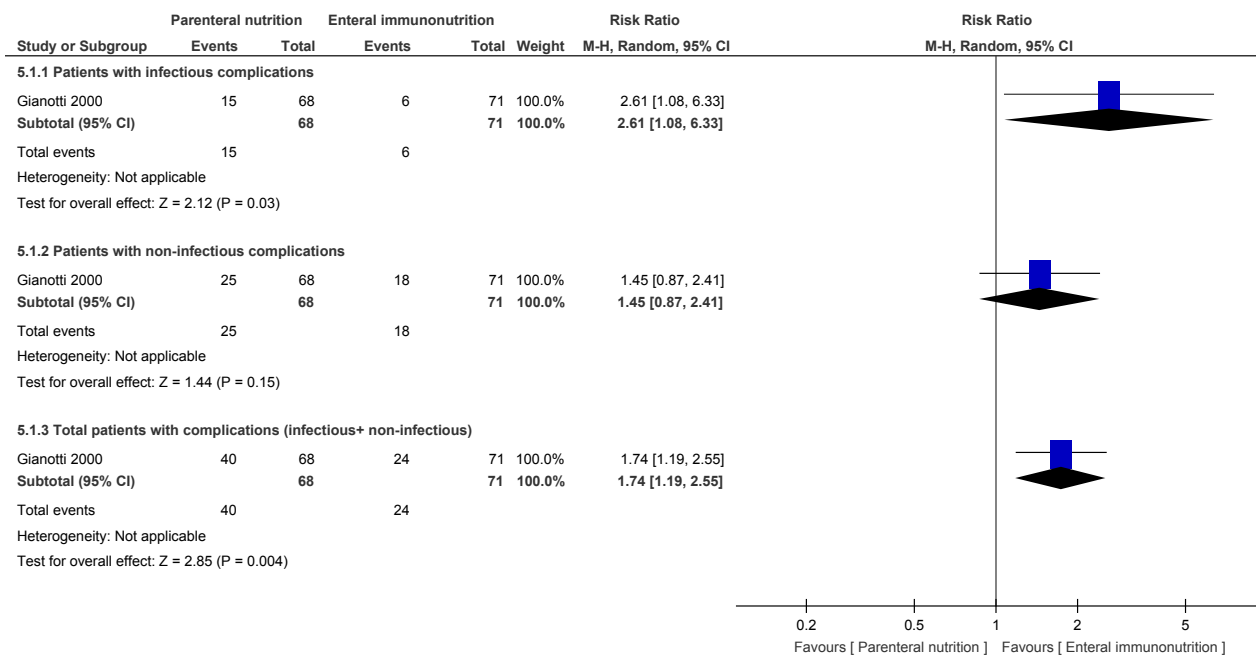
4 Figure 97: Treatment related morbidity - postoperative mortality



5

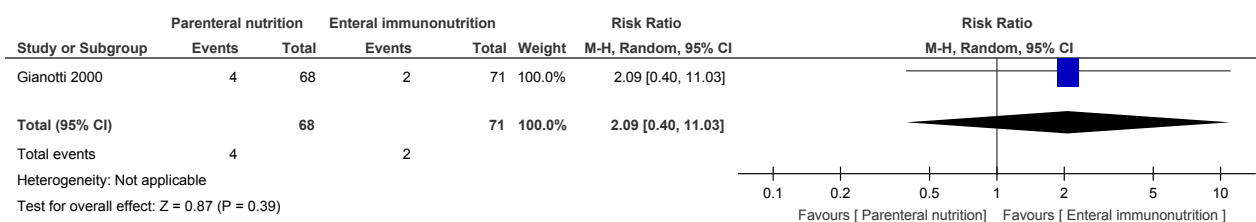
H.9.51 Parenteral nutrition versus enteral immunonutrition after surgery

2 Figure 98: Treatment related morbidity - postoperative complications



3 Test for subgroup differences: Chi² = 1.29, df = 2 (P = 0.52), I² = 0%

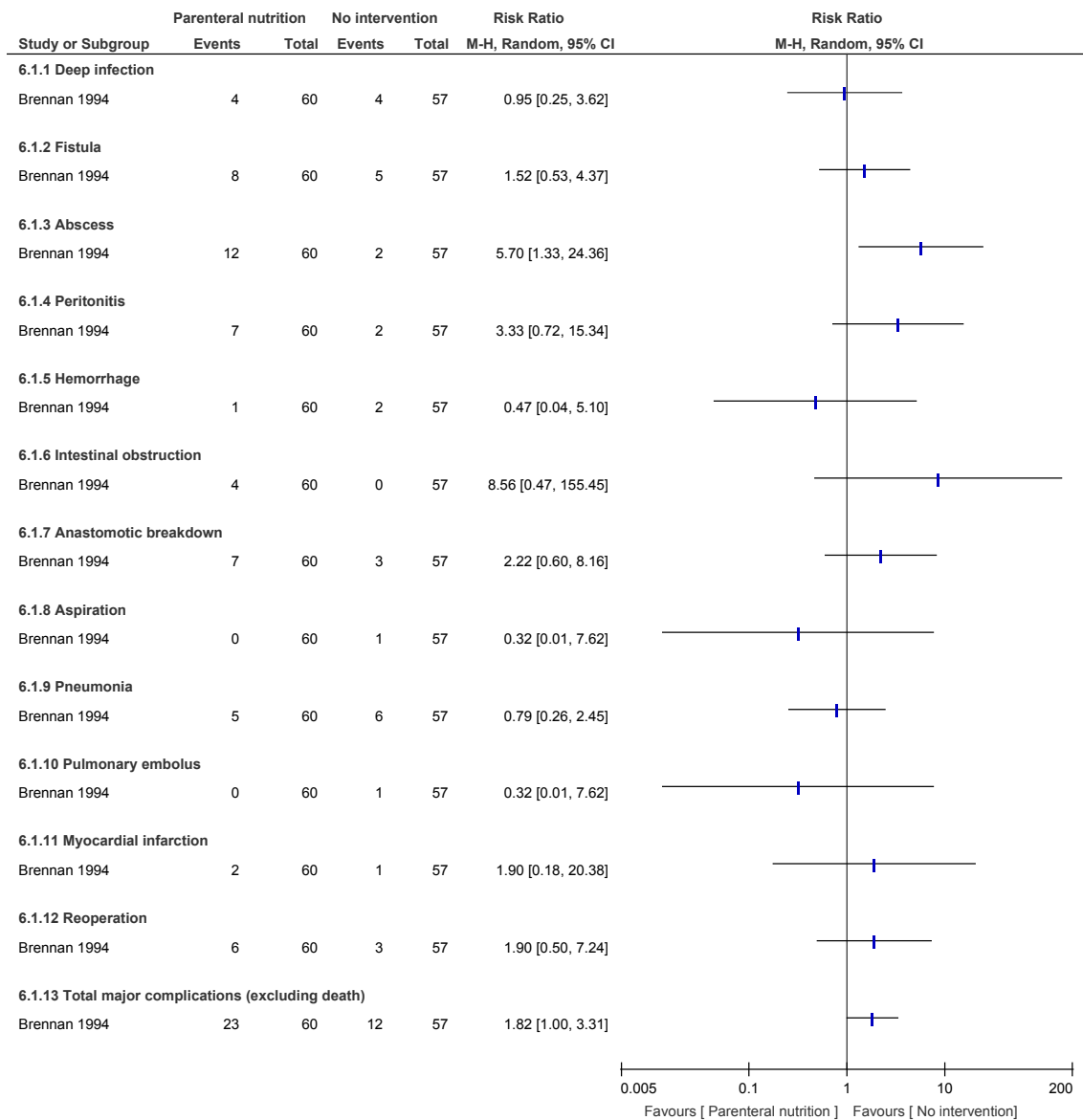
4 Figure 99: Treatment related morbidity - postoperative mortality



5

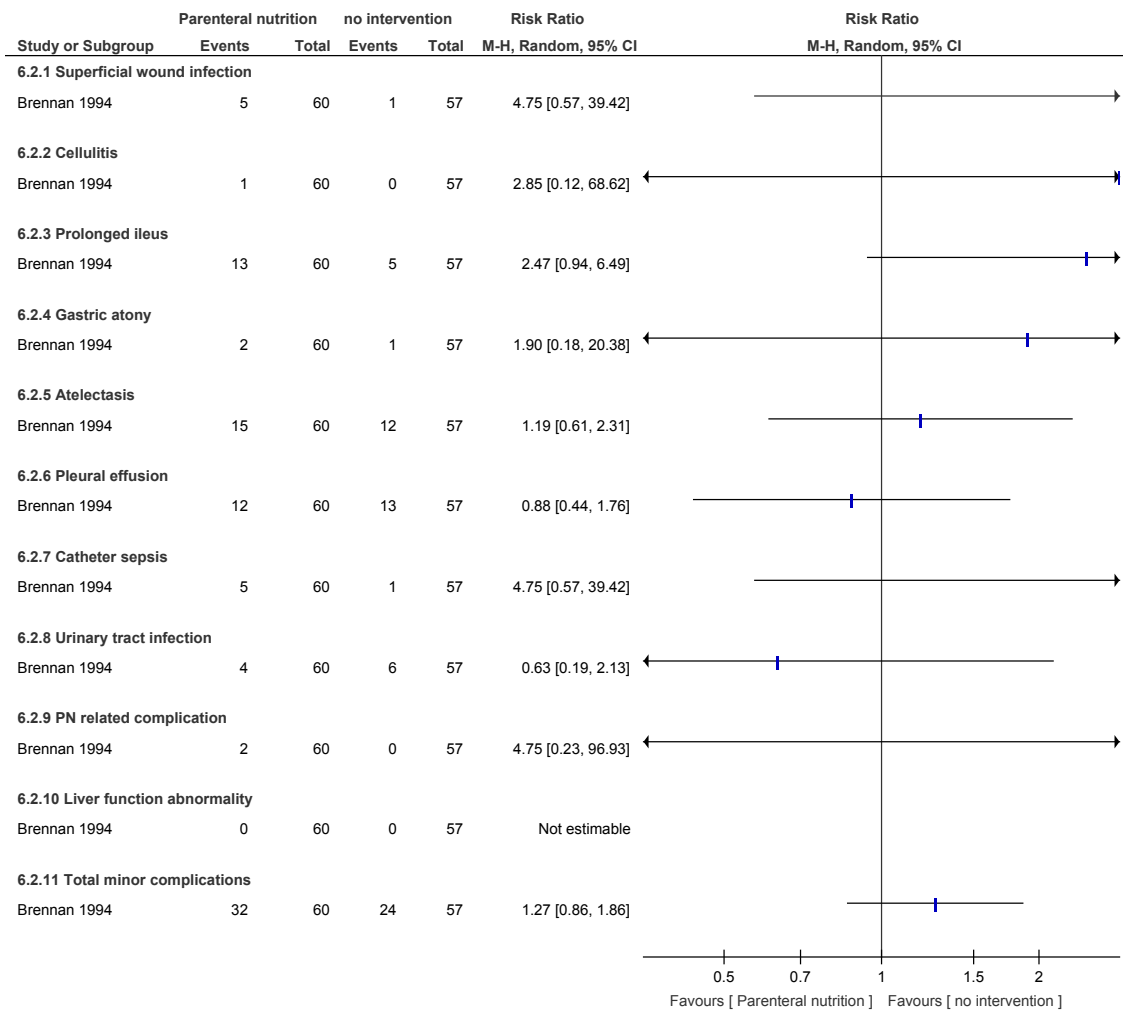
H.9.61 Parenteral nutrition versus no intervention after surgery

2 Figure 100: Treatment related morbidity - major complications



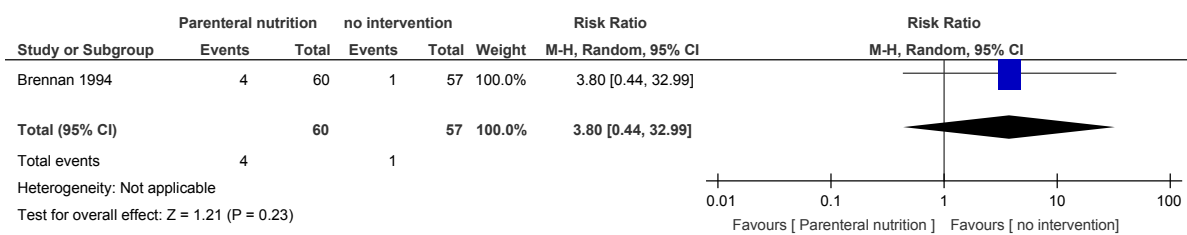
3

1 Figure 101: Treatment related morbidity - minor complications



2

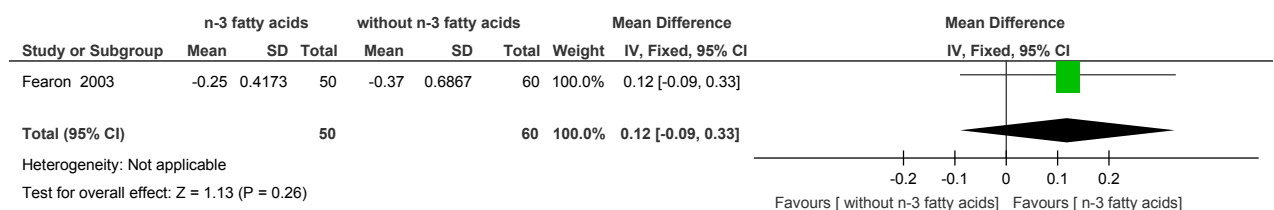
3 Figure 102: Treatment related morbidity - postoperative mortality



4

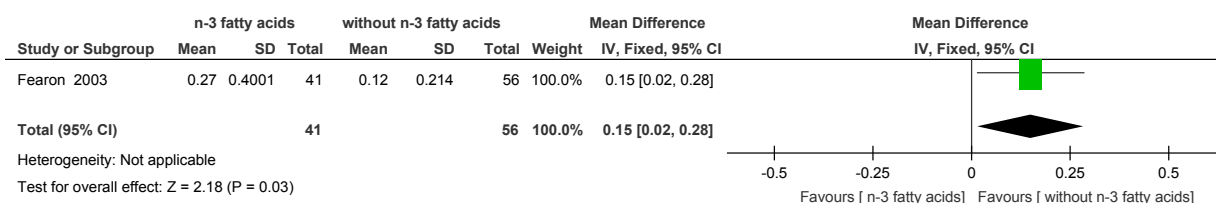
H.9.75 Oral nutritional supplements (n-3 fatty acids) versus isocaloric-isonitrogenous supplement (without n-3 fatty acids)

7 Figure 103: Nutritional status - Change in weight (kg/month) at 8 weeks



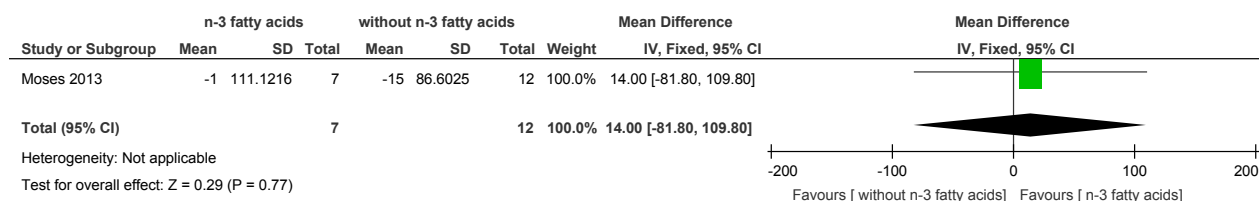
8

1 Figure 104: Nutritional status - Change in lean body mass (kg) at 8 weeks



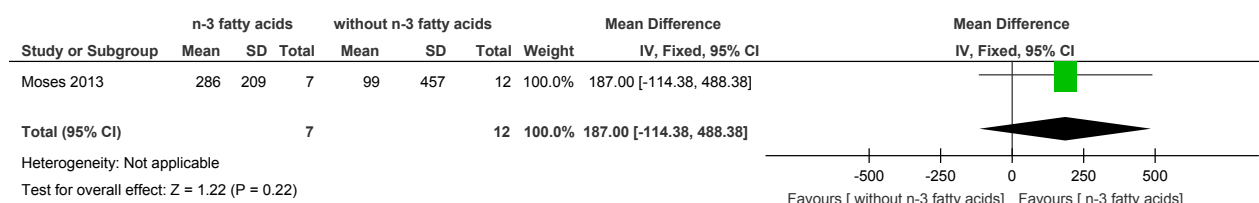
2

3 Figure 105: Change in resting energy expenditure at 8 weeks



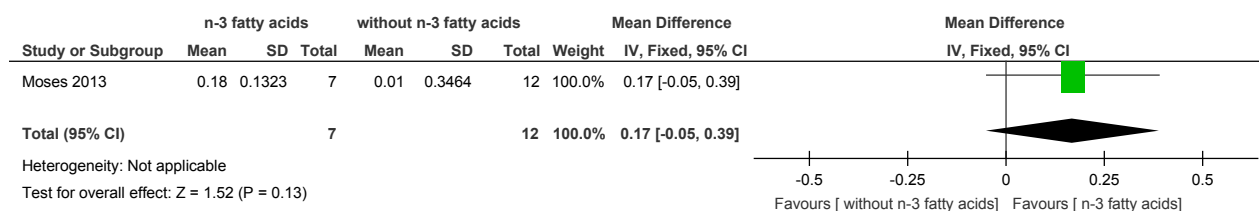
4

5 Figure 106: Change in total energy expenditure at 8 weeks



6

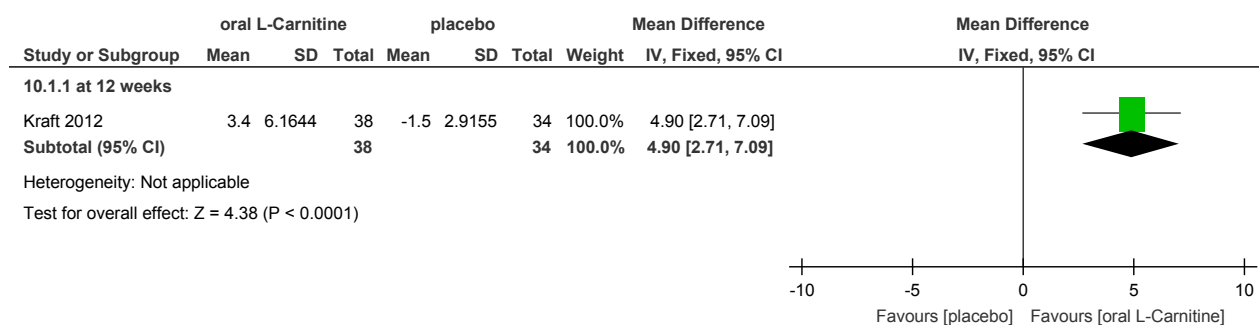
7 Figure 107: Change in physical activity level at 8 weeks



8

H.9.89 Oral nutritional supplements (oral L-Carnitine therapy) versus placebo

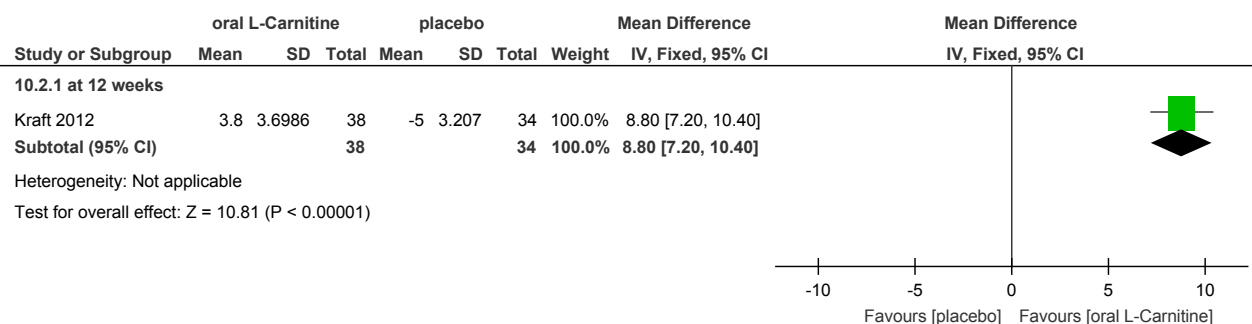
10 Figure 108: Nutritional status - % change of BMI at 12 weeks



11

Test for subgroup differences: Not applicable

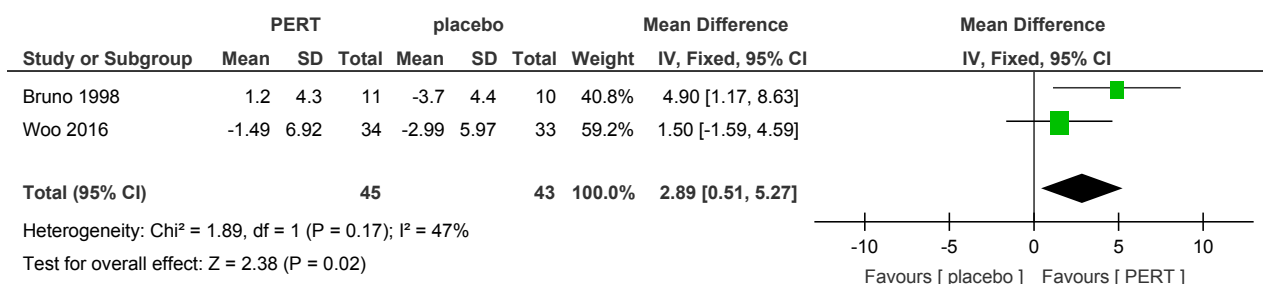
1 **Figure 109: Nutritional status - % change of body fat and BCM at 12 weeks**



2 Test for subgroup differences: Not applicable

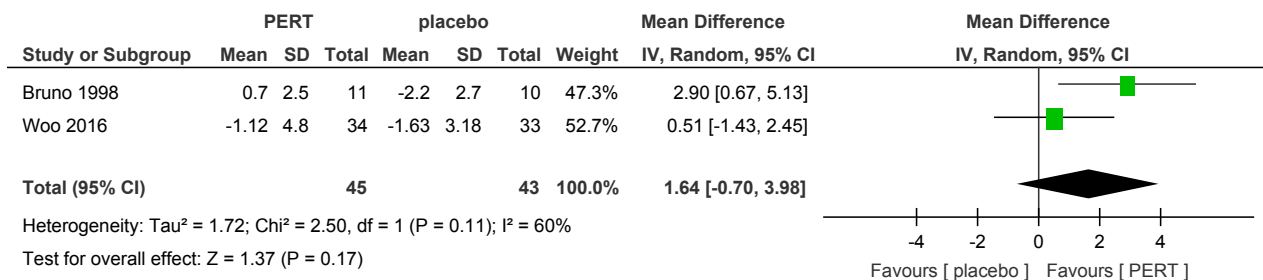
H.9.93 Pancreatic enzyme replacement therapy (PERT) versus placebo

4 **Figure 110: Nutritional status - Percentage change in body weight (%) at 8 weeks follow-up**



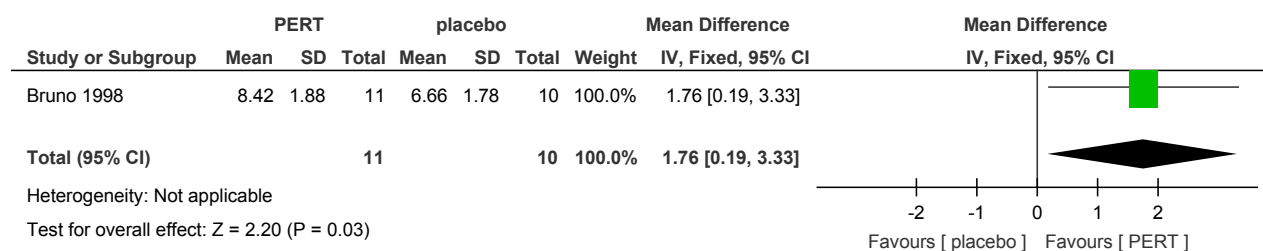
6

7 **Figure 111: Nutritional status - Absolute change in body weight (Kg) at 8 weeks follow-up**



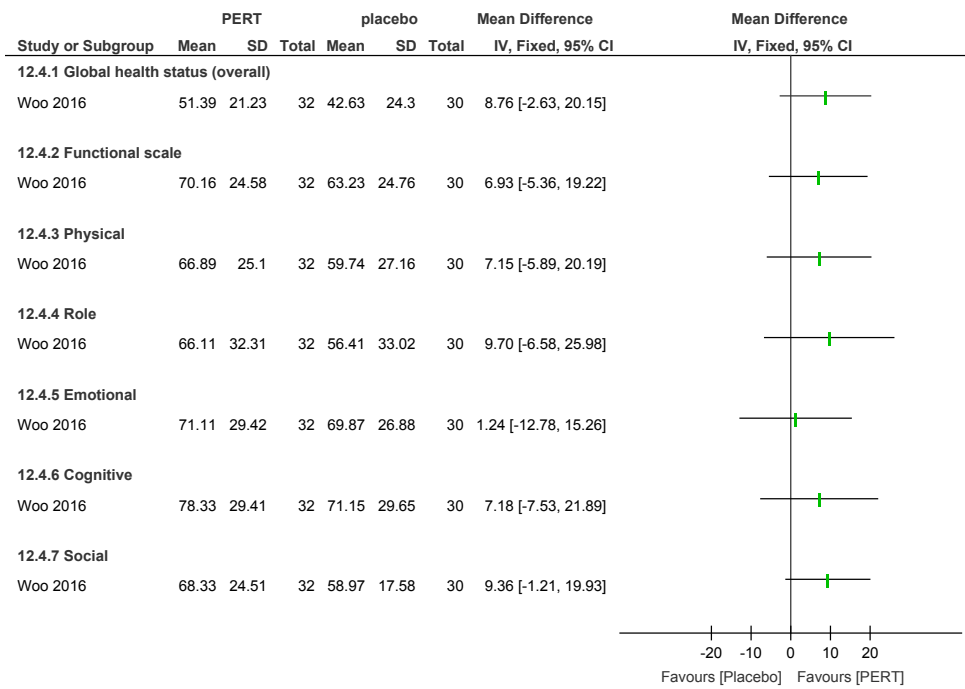
9

10 **Figure 112: Nutritional status - Daily dietary intake of total calories at 8 weeks follow-up**



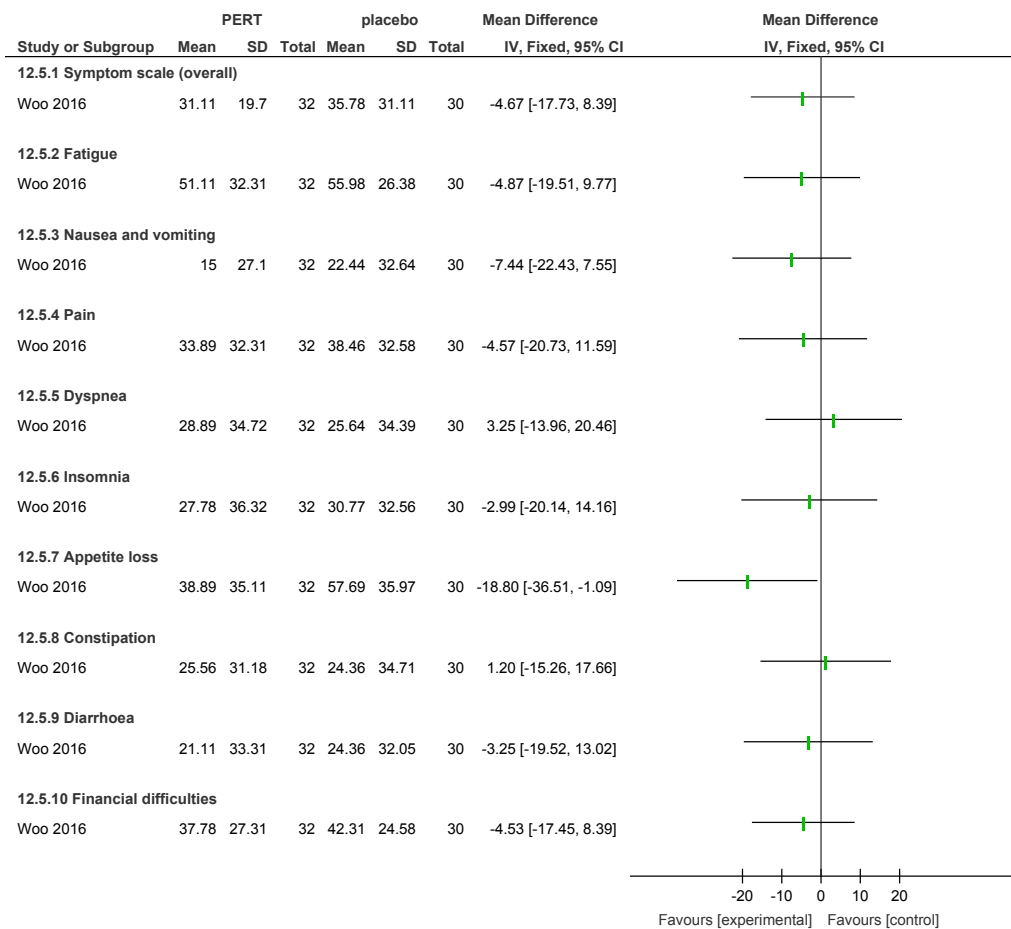
12

1 Figure 113: Health related quality of life - Global Health status at 8 weeks follow-up



2

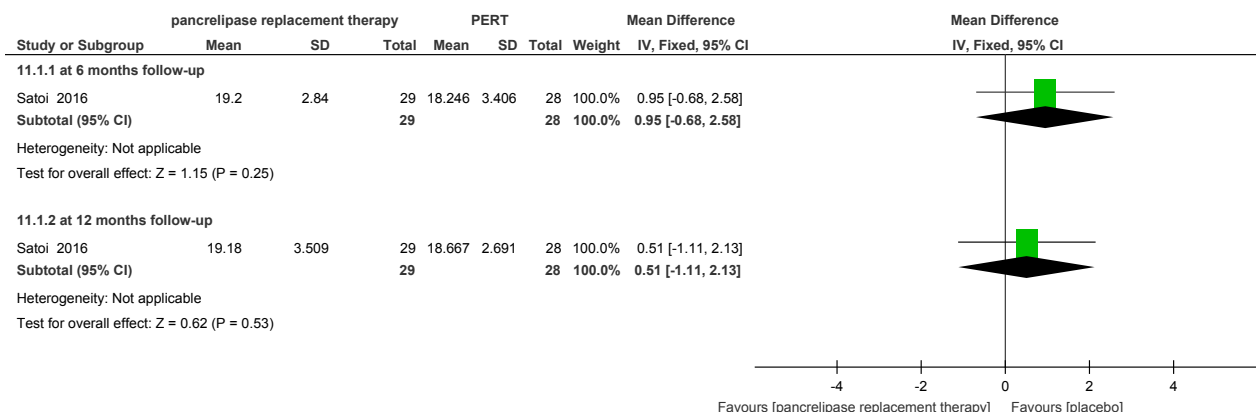
3 Figure 114: Health related quality of life - Symptom scale at 8 weeks follow-up



4

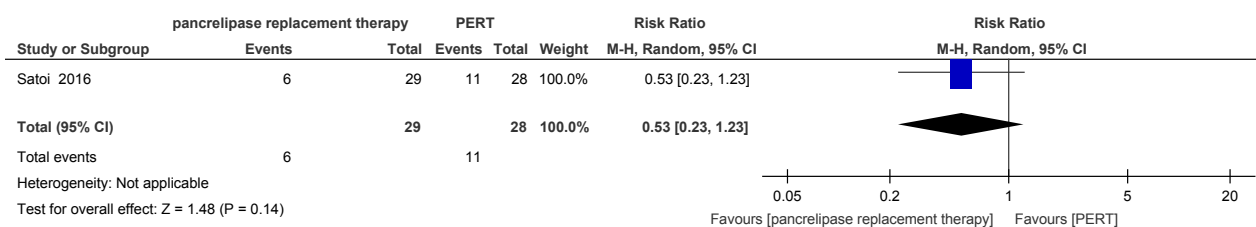
H.9.101 PERT versus pancrelipase replacement therapy

2 Figure 115: Nutritional status - BMI (kg/m²) at 6 and 12 months follow-up



3 Test for subgroup differences: Chi² = 0.14, df = 1 (P = 0.71), I² = 0%

4 Figure 116: Treatment related morbidity - NAFLD at 1 year follow-up



5

H.10.6 Biliary obstruction

H.10.17 Plastic stent versus self-expanding metal stent in adults with pancreatic cancer

8 Figure 117: Treatment-related mortality

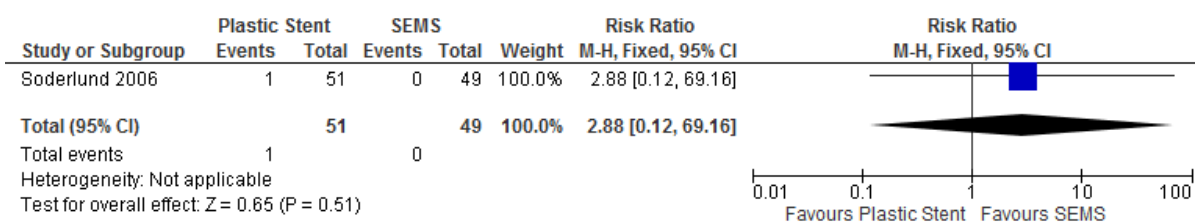


Figure 118: Overall survival

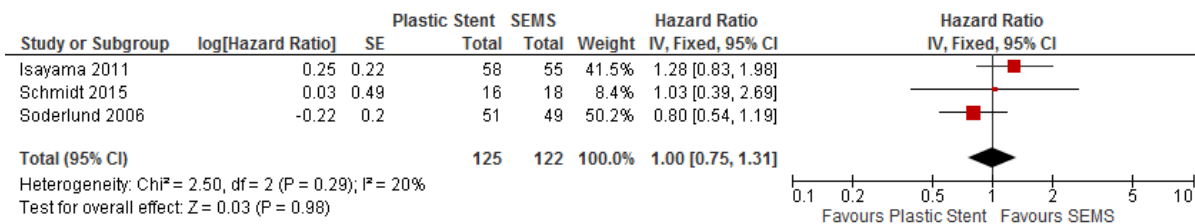


Figure 119: Time to stent dysfunction – primary and/or secondary stent

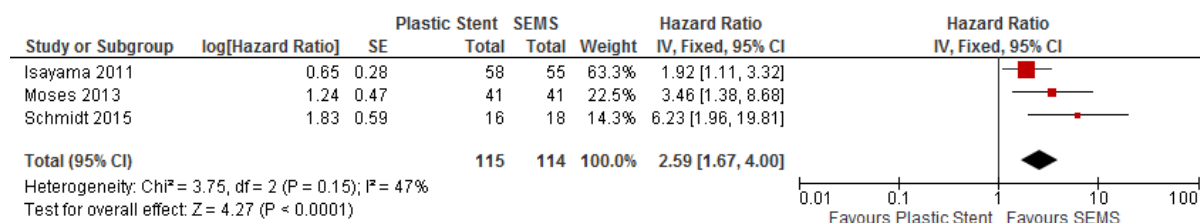


Figure 120: Time to stent dysfunction – primary stent subgroup analysis by covered status

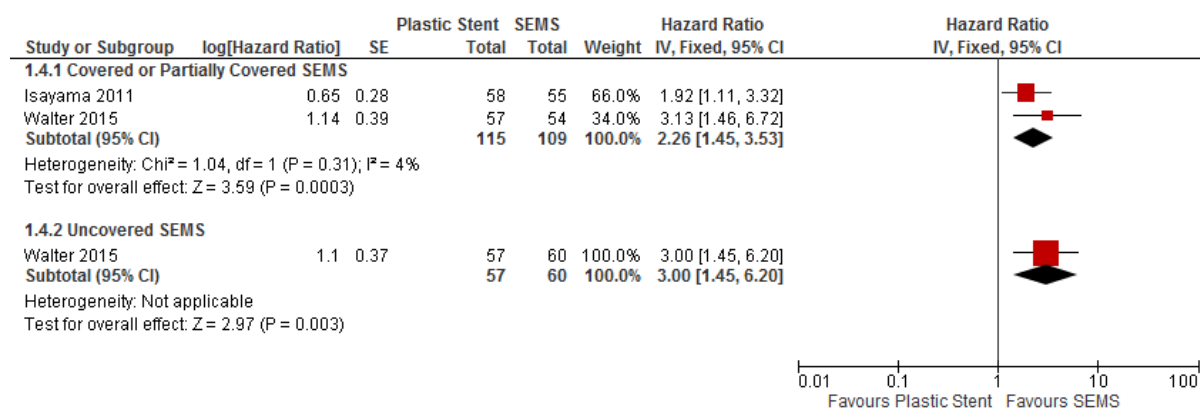


Figure 121: Time to stent dysfunction – secondary stent subgroup analysis by covered status

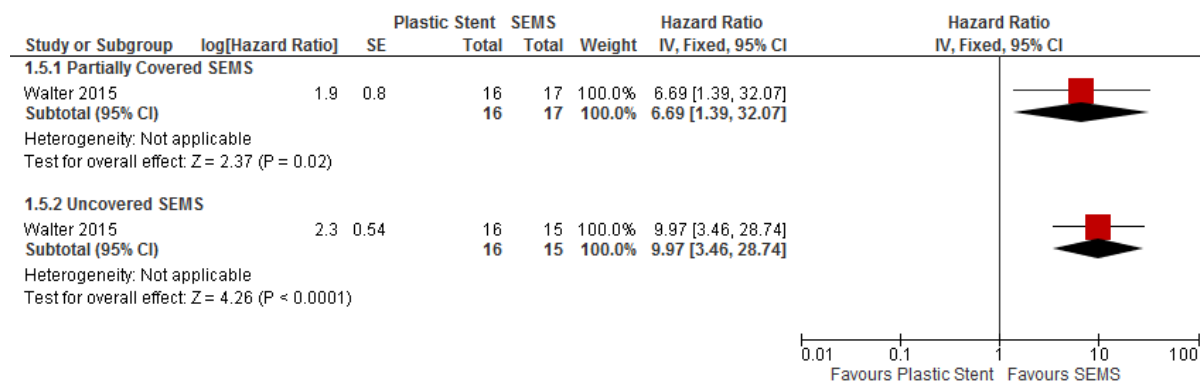


Figure 122: Number of patients with stent dysfunction

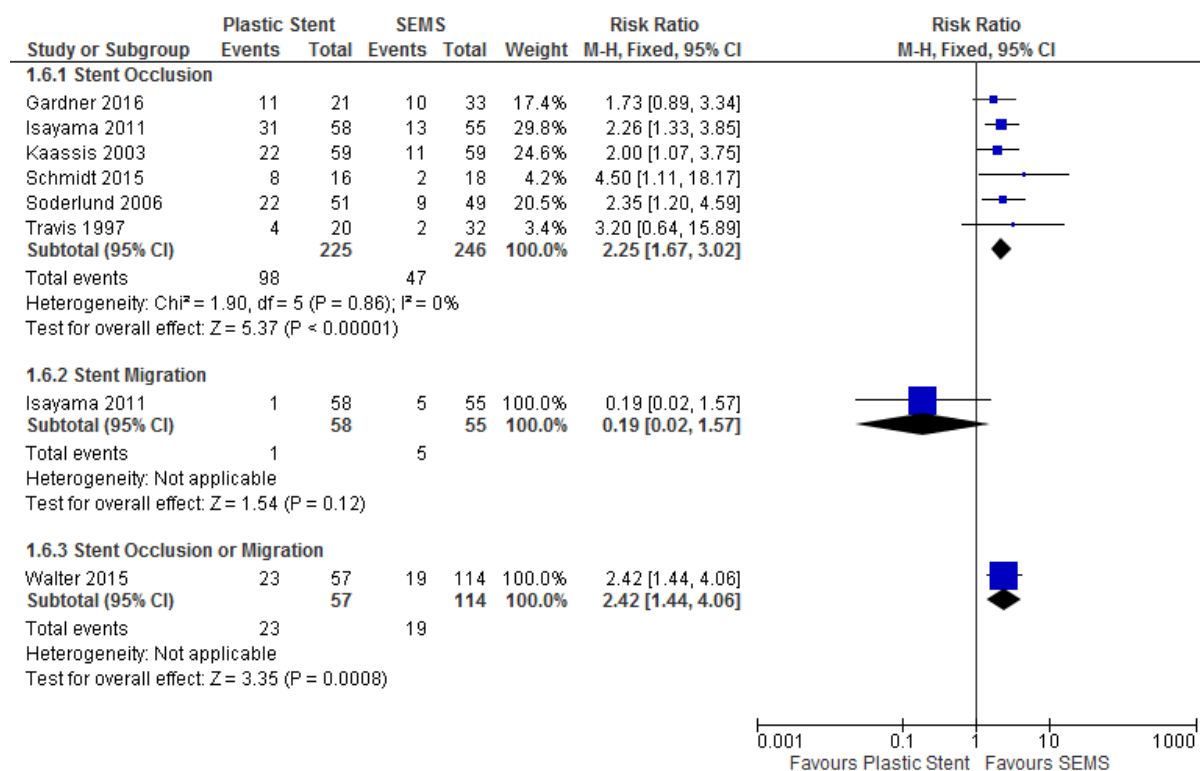


Figure 123: Number of patients with stent occlusion – subgroup analysis by covered status

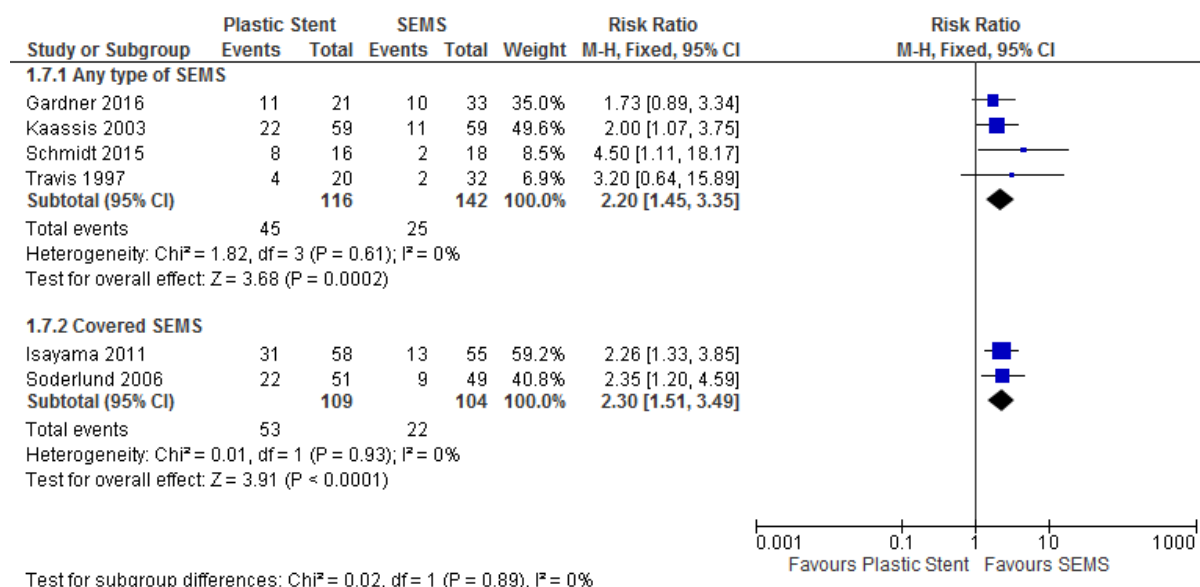


Figure 124: Number of patients with stent occlusion – subgroup analysis by resectability status

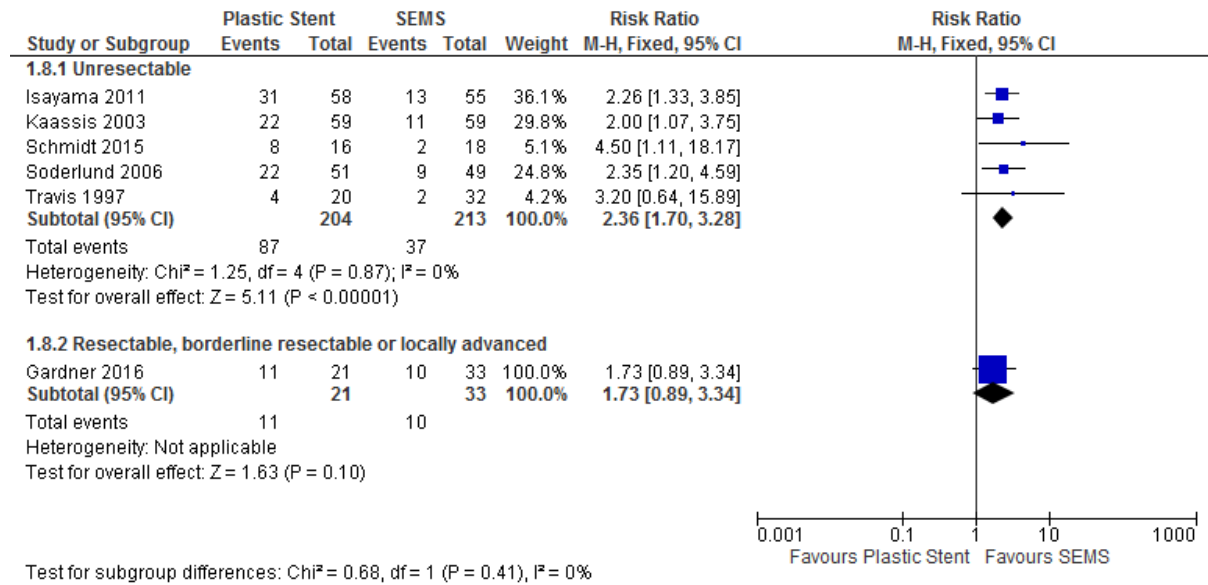


Figure 125: Number of patients with pancreatitis

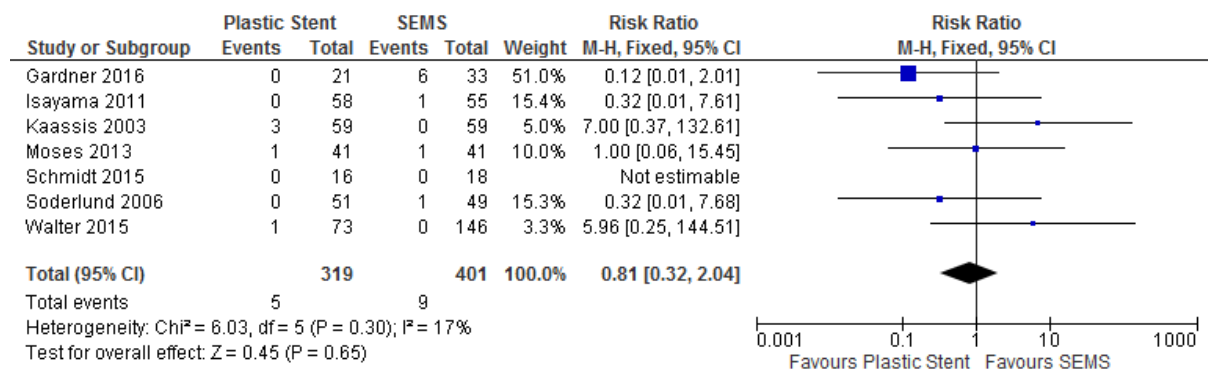


Figure 126: Number of patients with pancreatitis – subgroup analysis by covered status

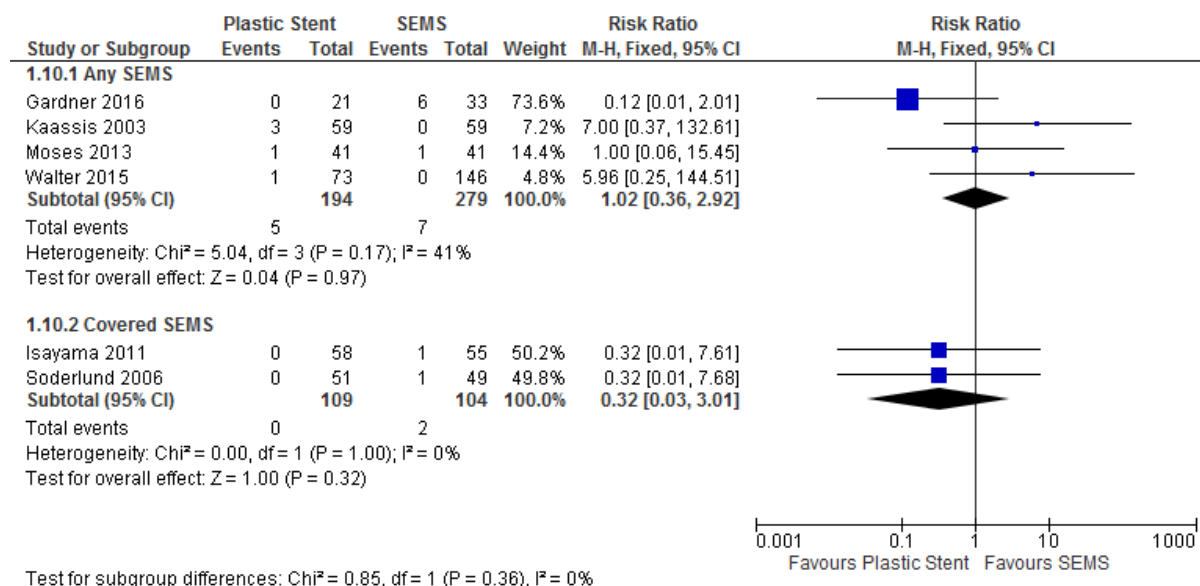


Figure 127: Number of patients with pancreatitis – subgroup analysis by resectability status

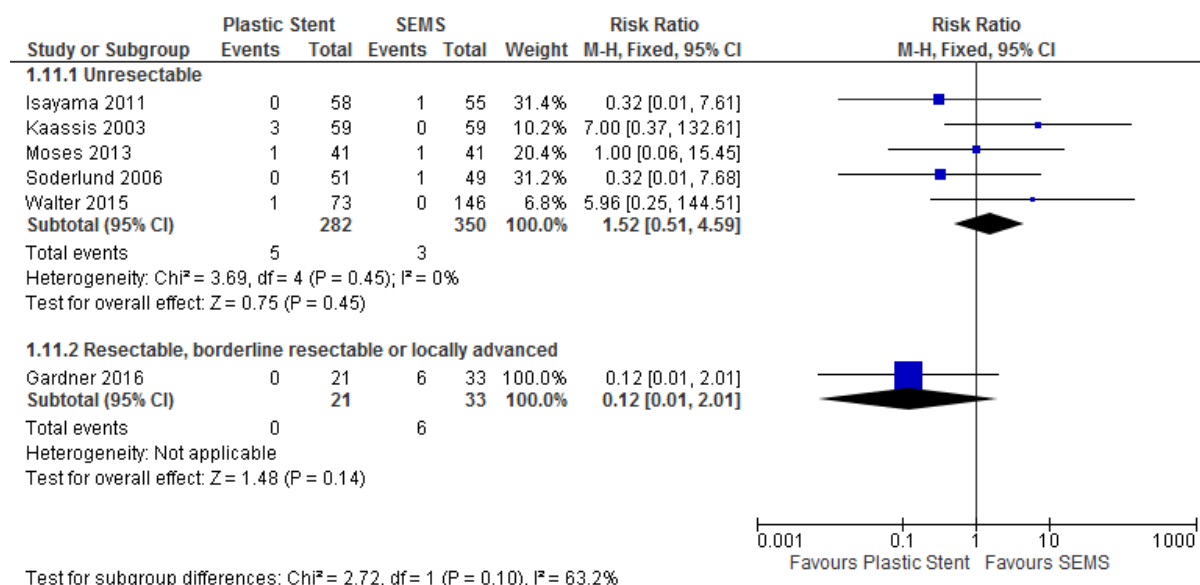


Figure 128: Number of patients with cholangitis – unresectable patients

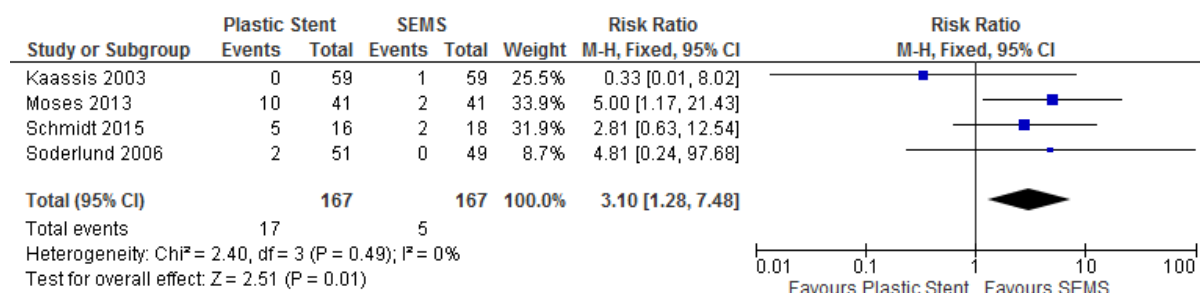


Figure 129: Number of patients with cholangitis – subgroup analysis by covered status

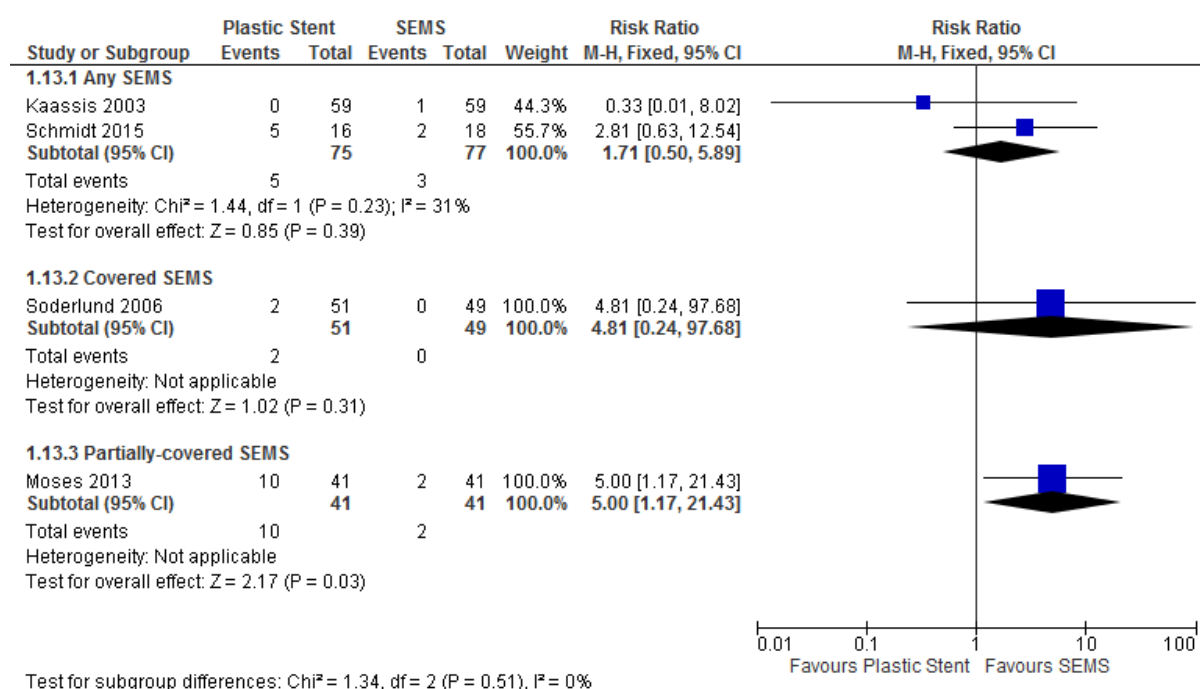


Figure 130: Number of patients with cholecystitis – unresectable patients

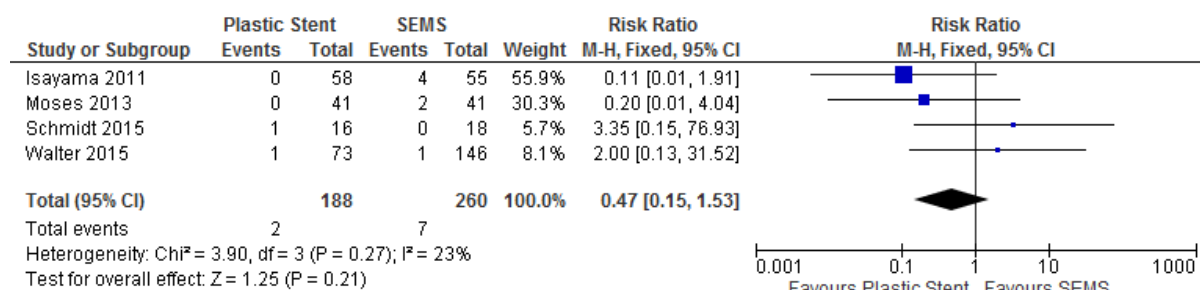


Figure 131: Number of patients with cholecystitis – subgroup analysis by covered status

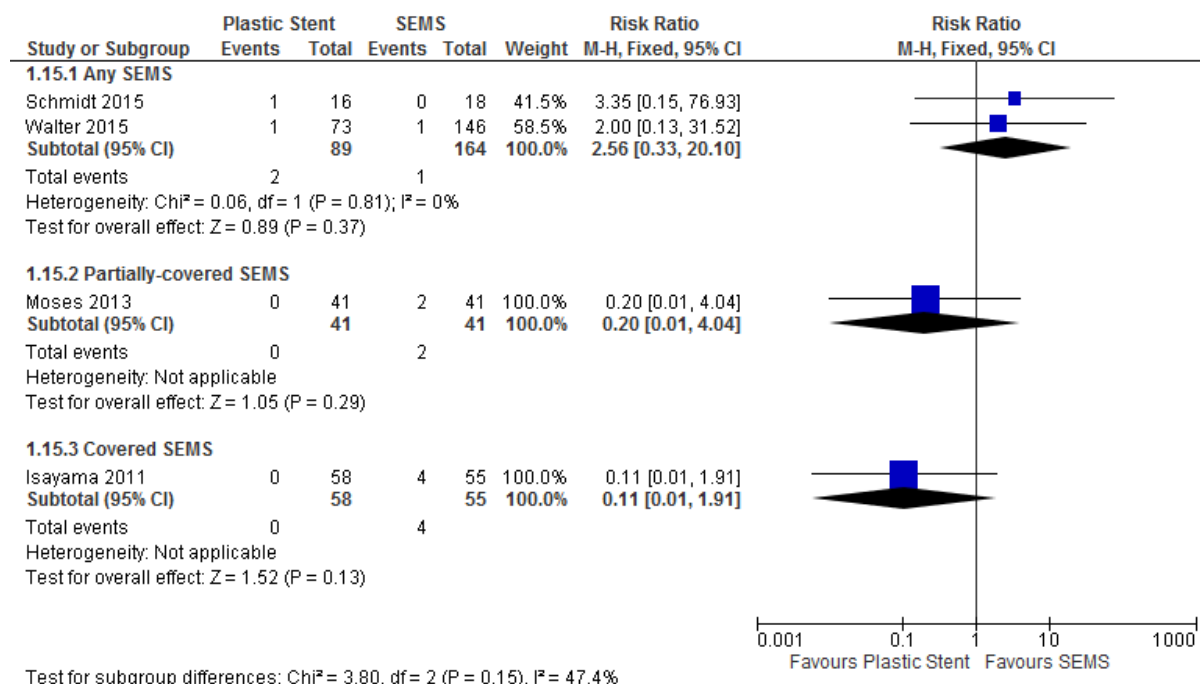


Figure 132: Number of patients with cholestatic symptoms to 2-year follow up

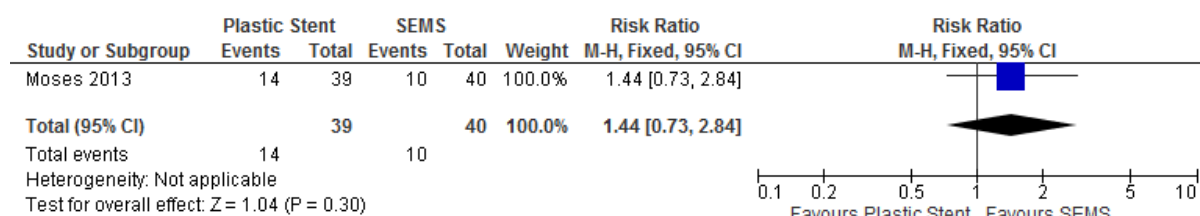


Figure 133: Number of patients with post-endoscopic sphincterotomy haemorrhage

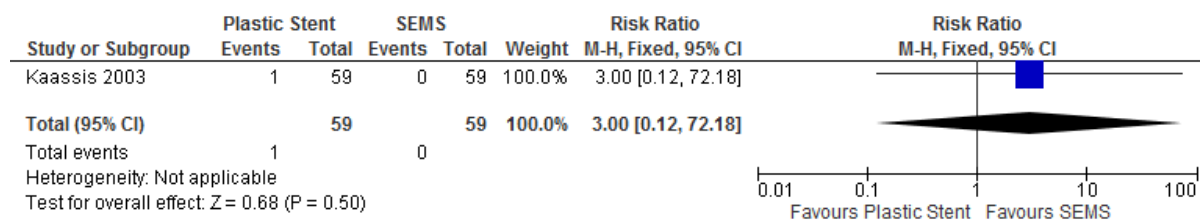


Figure 134: Number of days hospitalised

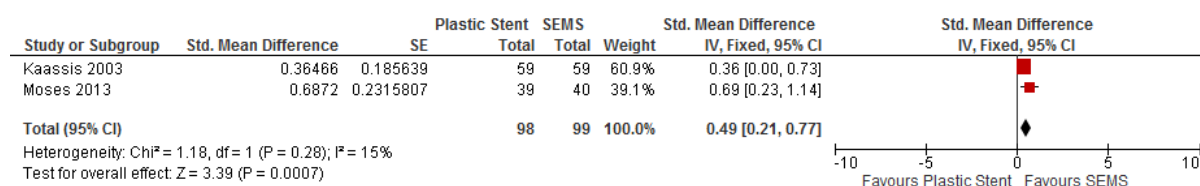


Figure 135: Number of patients with $\geq 30\%$ decrease in total serum bilirubin

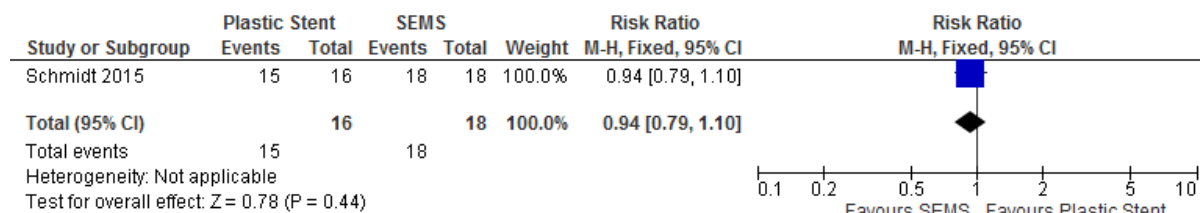


Figure 136: Percentage reduction in total serum bilirubin

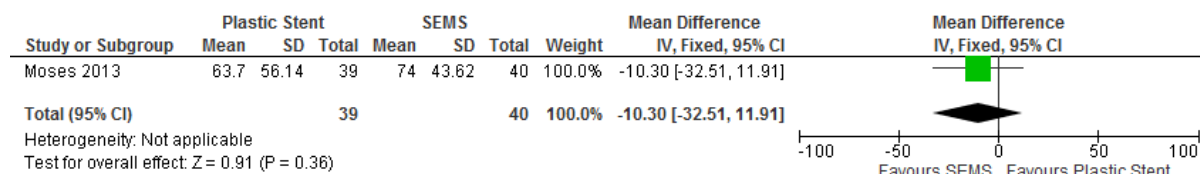
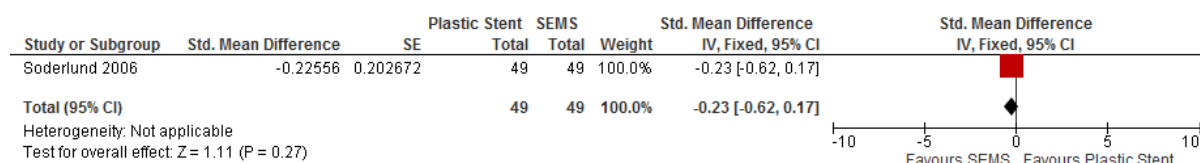


Figure 137: Total serum bilirubin – rate of change



H.10.21 Covered self-expanding metal stent versus uncovered self-expanding metal stent

Figure 138: Stent dysfunction

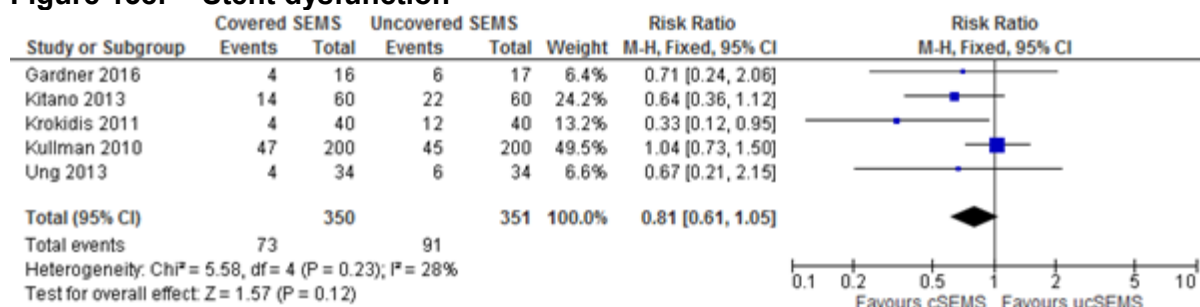


Figure 139: Stent dysfunction by cause

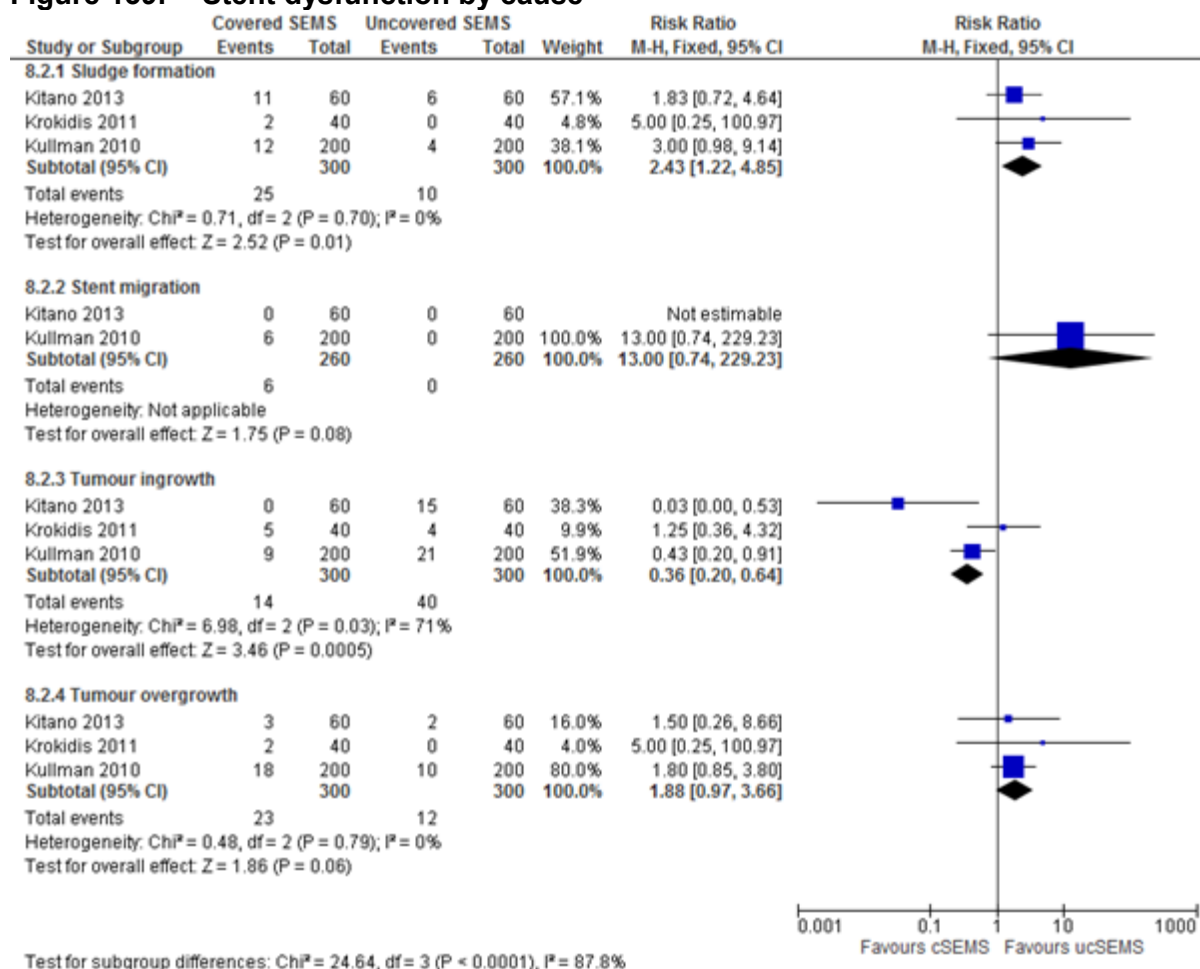


Figure 140: Adverse events



H.10.31 Partially covered self-expanding metal stent versus uncovered self-expanding metal stent

Figure 141: Stent dysfunction

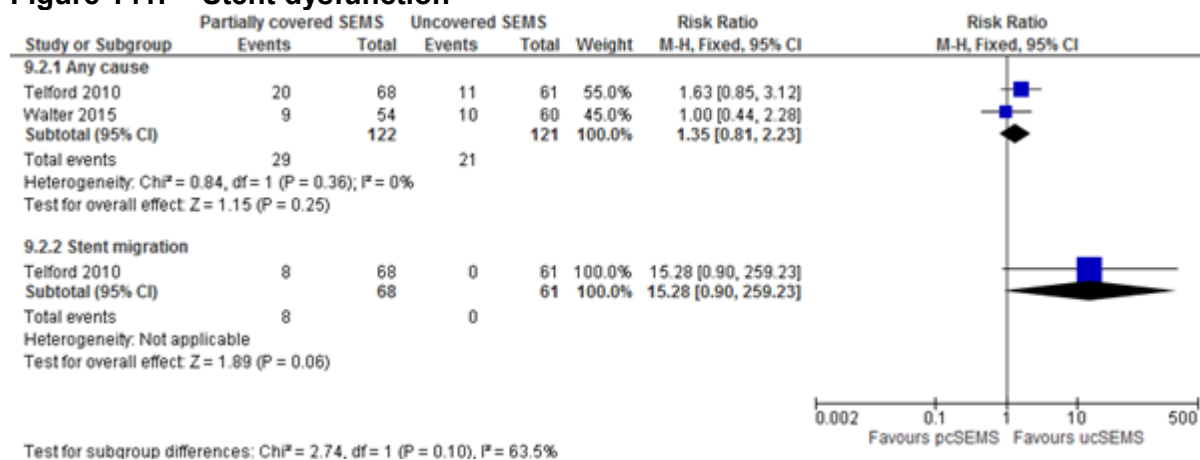
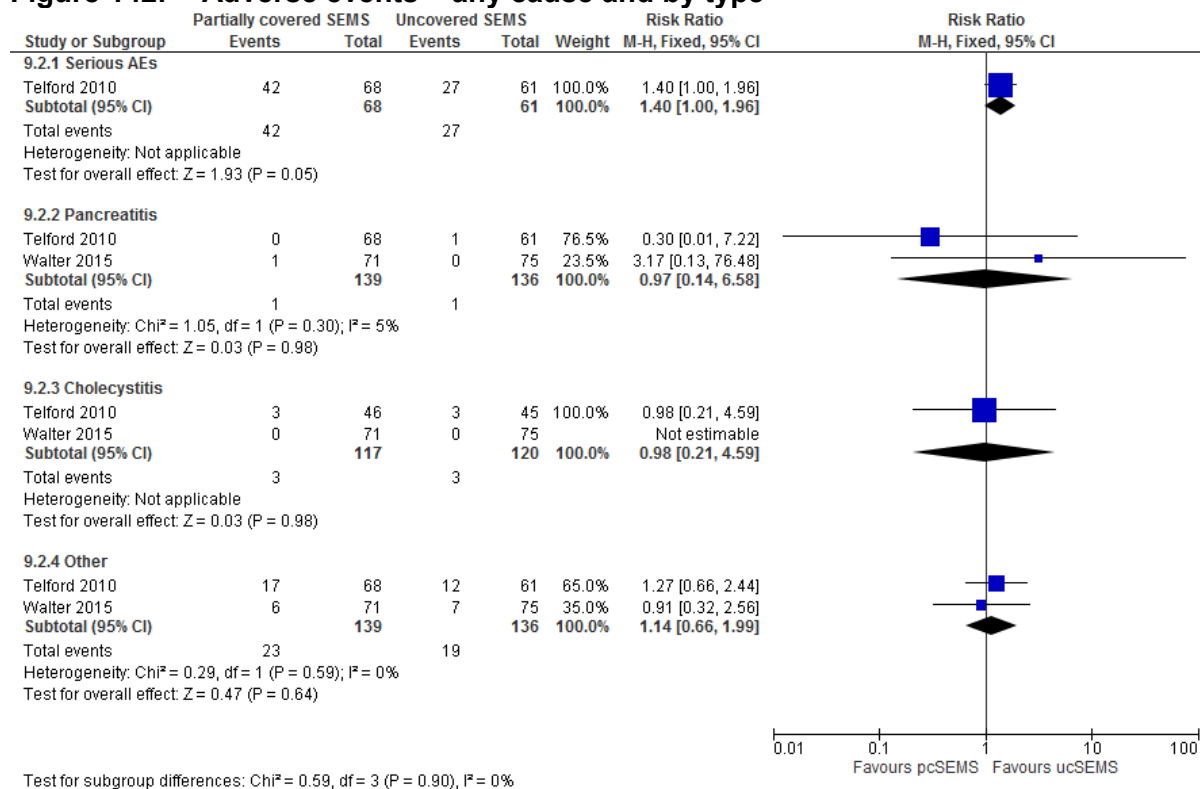
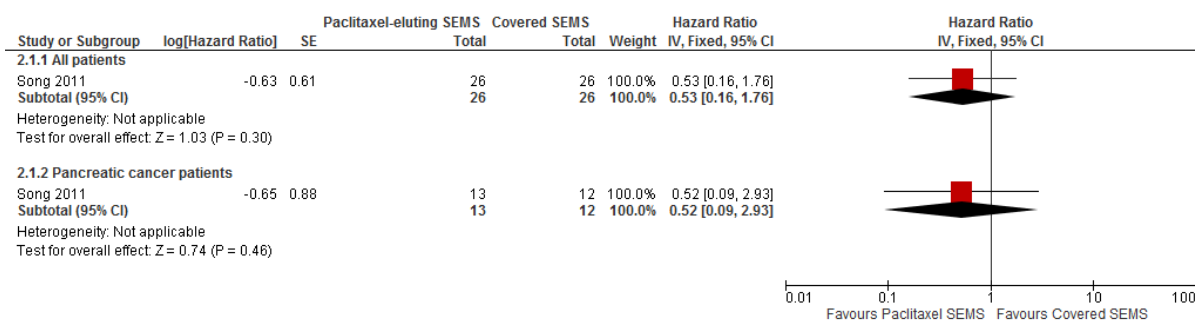


Figure 142: Adverse events – any cause and by type



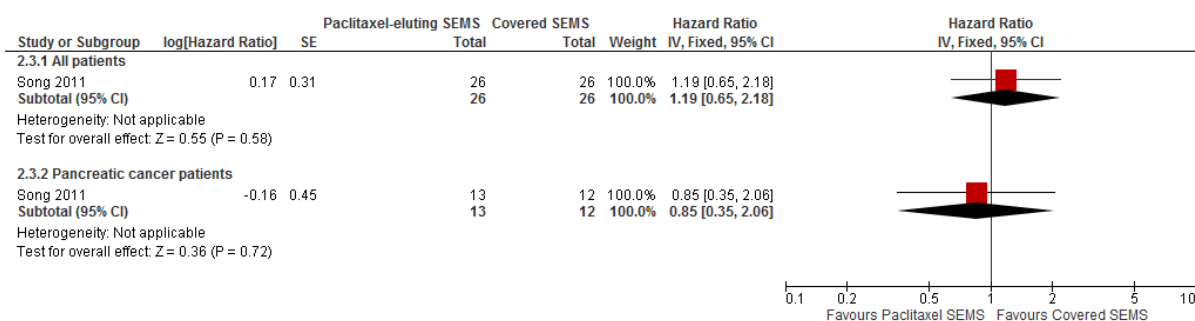
H.10.4.1 Paclitaxel-eluting self-expanding metal stent versus covered SEMS in adults with unresectable distal malignant biliary obstruction

3 Figure 143: Time to stent dysfunction



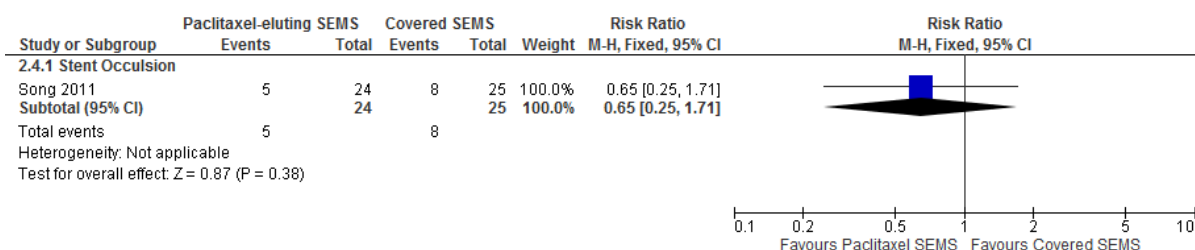
4

5 Figure 144: Overall survival



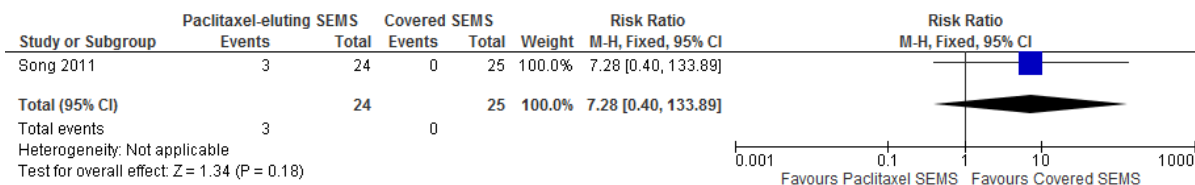
6

7 Figure 145: Stent dysfunction



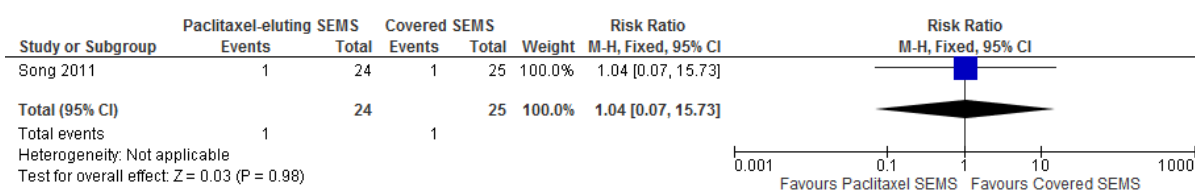
8

9 Figure 146: Cholangitis symptoms



10

11 Figure 147: Pancreatitis



12

H.10.51 Preoperative endoscopic biliary drainage then surgery versus surgery in 2 adults with suspected pancreatic cancer

Figure 148: Mortality at 120 days

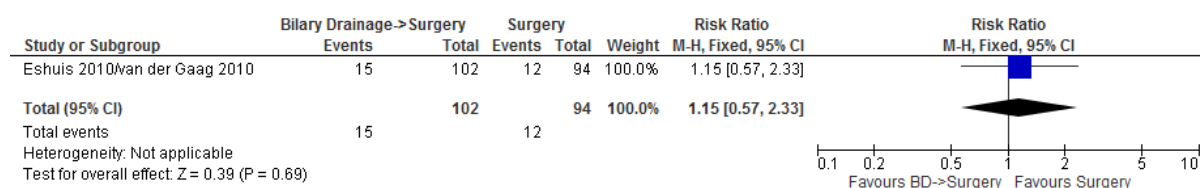


Figure 149: Mortality at 2 years

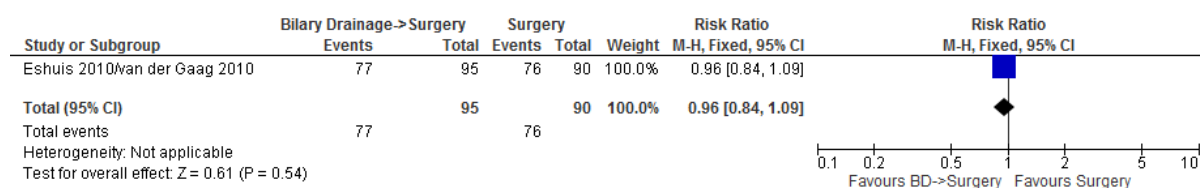


Figure 150: Treatment-related mortality

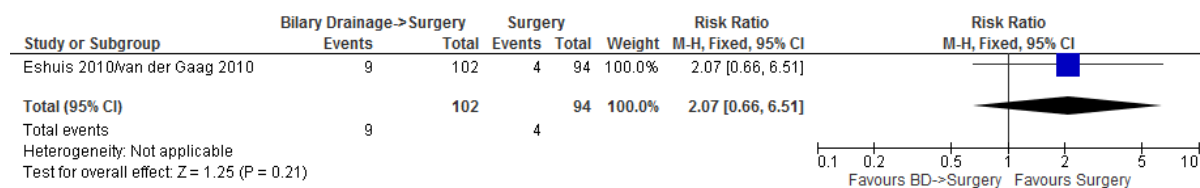


Figure 151: Overall survival at 2 years

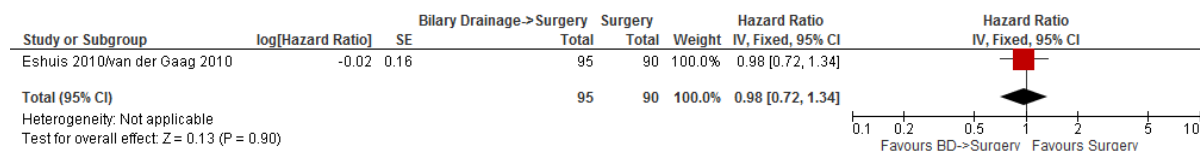
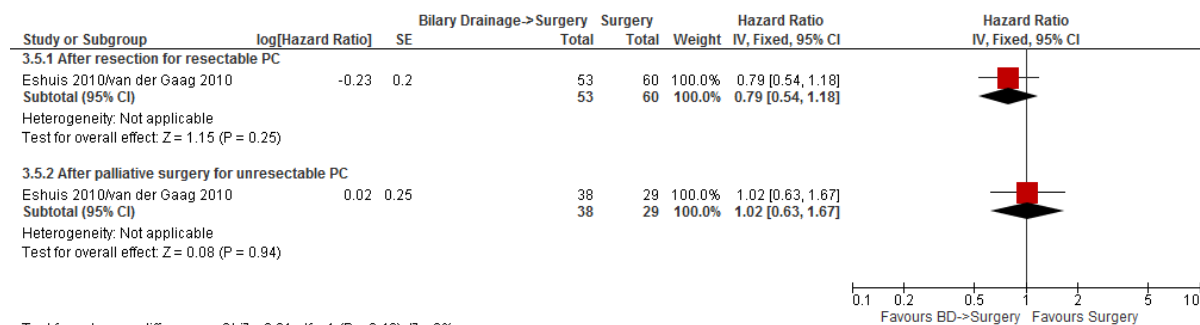


Figure 152: Overall survival at 2 years – subgroup analysis by type of surgery



Test for subgroup differences: Chi² = 0.61, df = 1 (P = 0.43), I² = 0%

Figure 153: Delay to surgery (weeks)

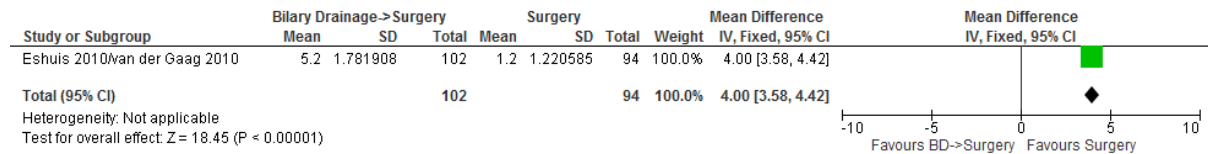


Figure 154: Hospitalisation due to protocol-specific complications

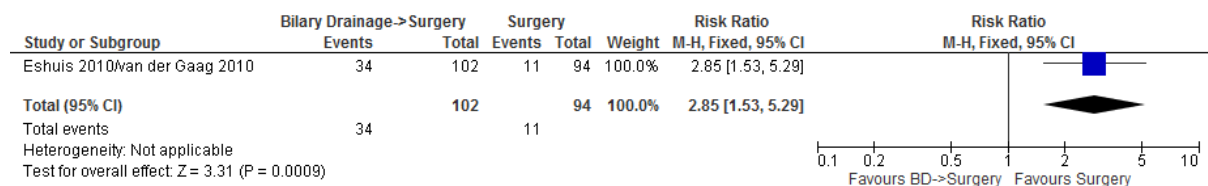


Figure 155: Rate of serious complications (<120 days after randomisation)

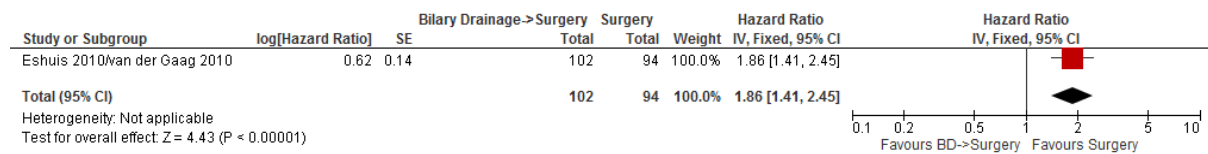


Figure 156: Total number of patients with protocol-specific complications

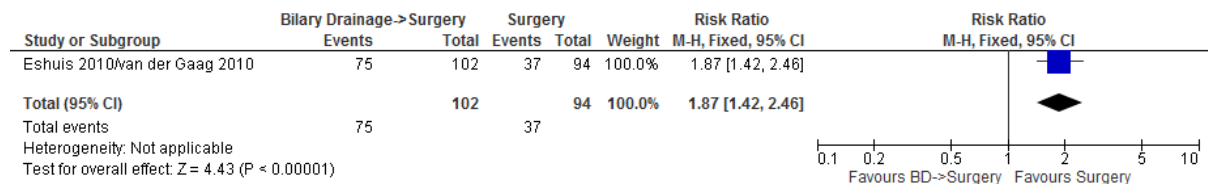


Figure 157: Total number of patients with stent dysfunction

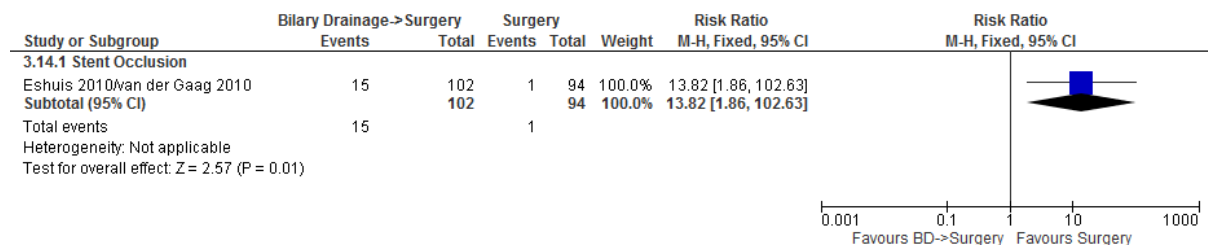


Figure 158: Total number of patients with surgery-related complications

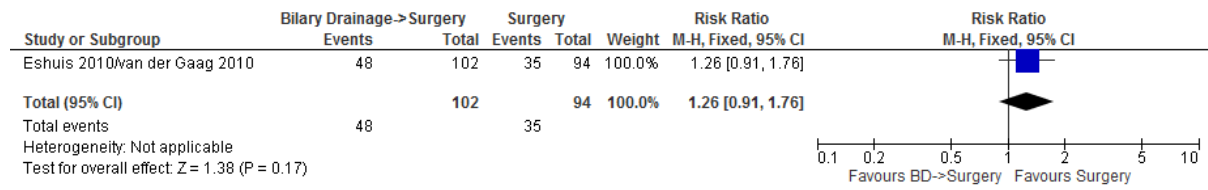


Figure 159: Total number of patients with surgery-related complications – after palliative bypass

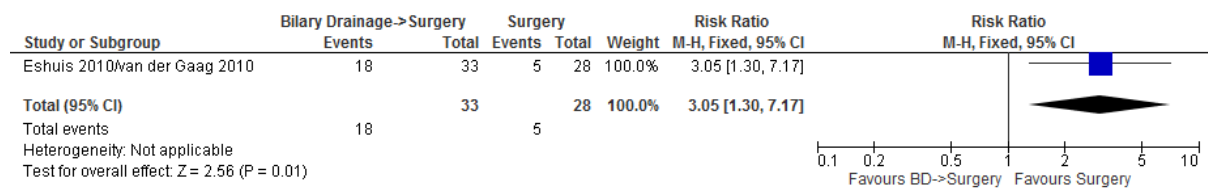
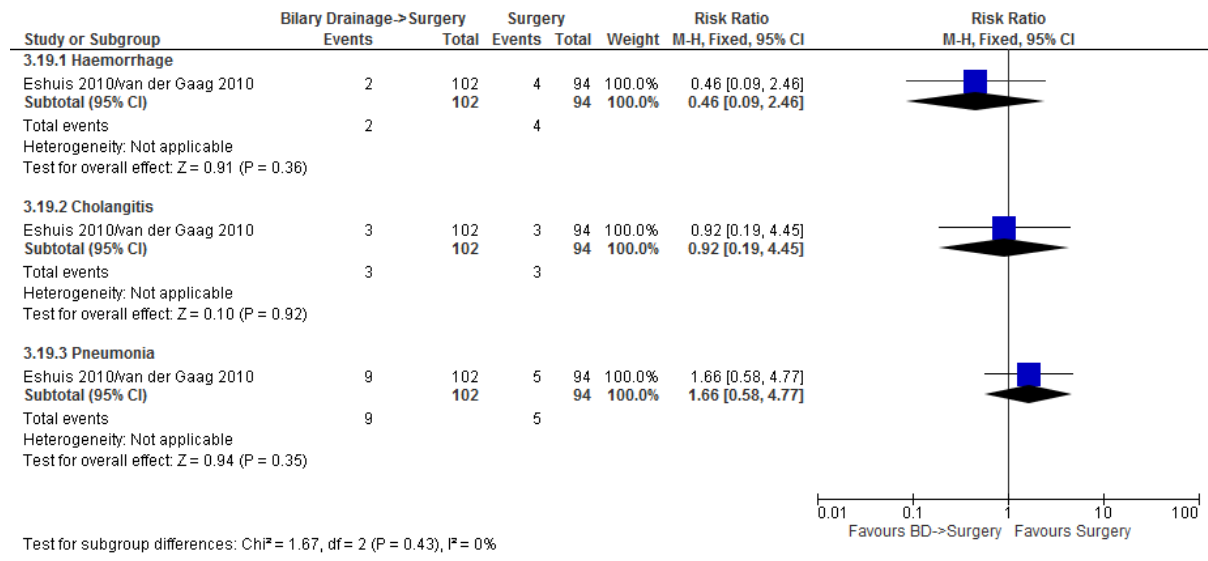


Figure 160: Surgery-related adverse events



H.10.61 Endoscopic sphincterotomy then stent versus stent in adults with unresectable pancreatic cancer

Figure 161: Deaths due to progression of pancreatic cancer

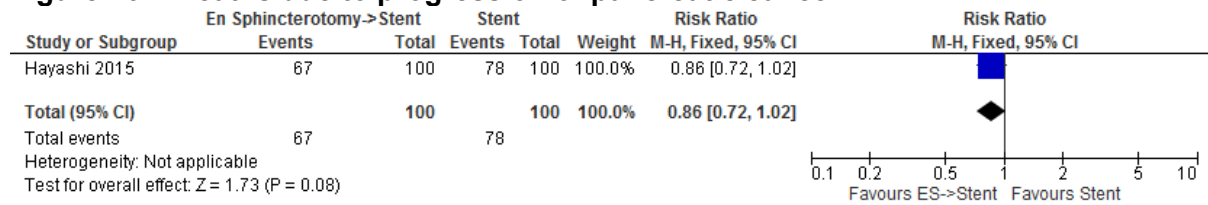


Figure 162: Number of patients with stent dysfunction by type

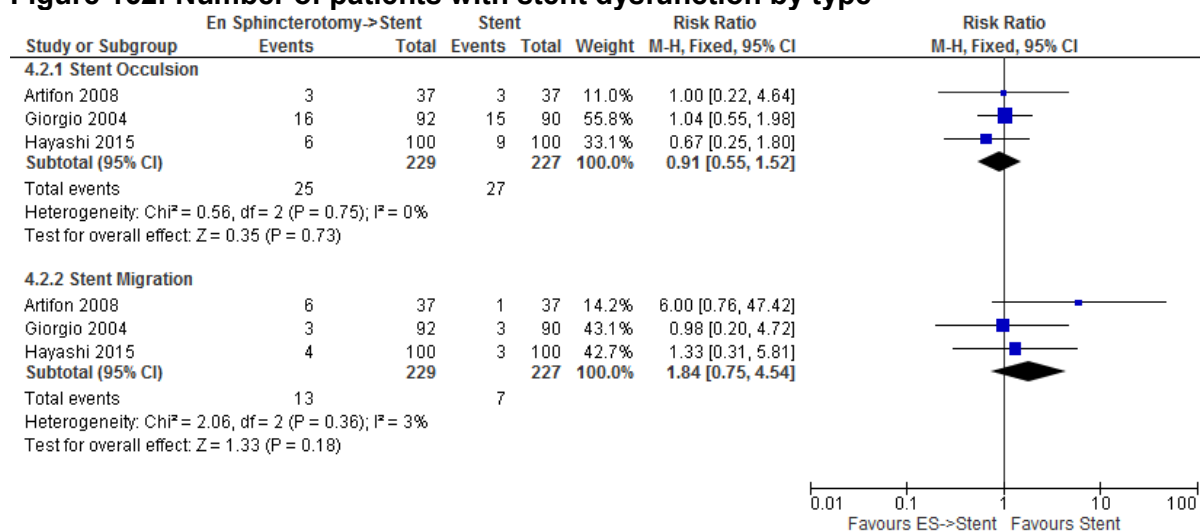


Figure 163: Number of patients with early complications (≤30 days)

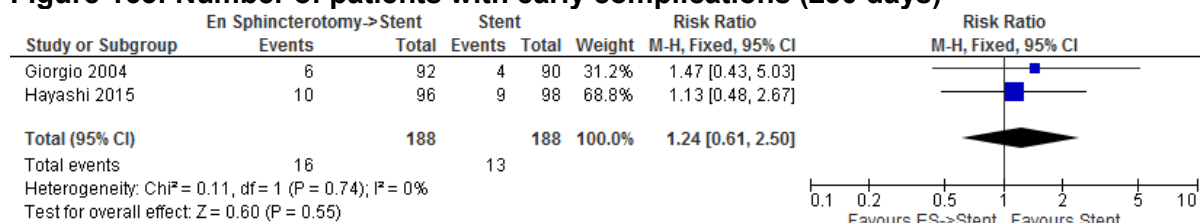


Figure 164: Number of patients with stent-related early complications (≤30 days)

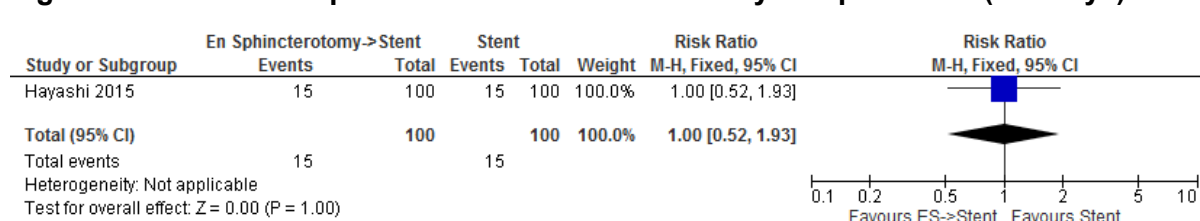


Figure 165: Number of patients with pancreatitis (≤30 days)

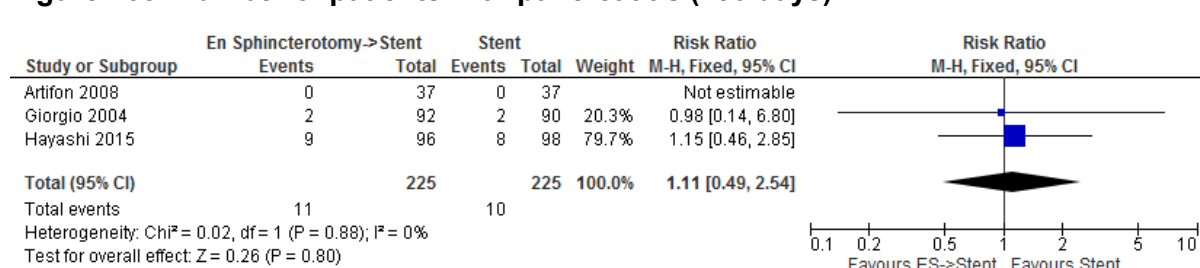


Figure 166: Number of patients with stent-related pancreatitis (≤30 days)

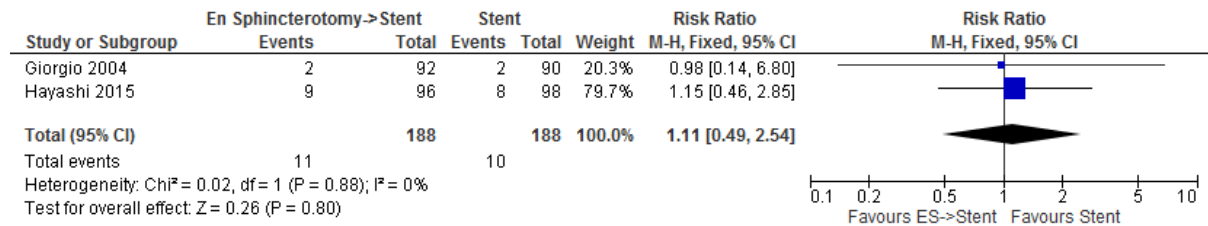


Figure 167: Number of patients with perforation (≤30 days)

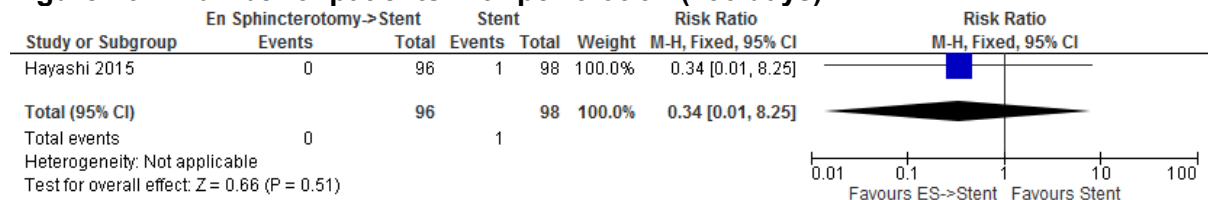


Figure 168: Number of patients with cholecystitis (≤30 days)

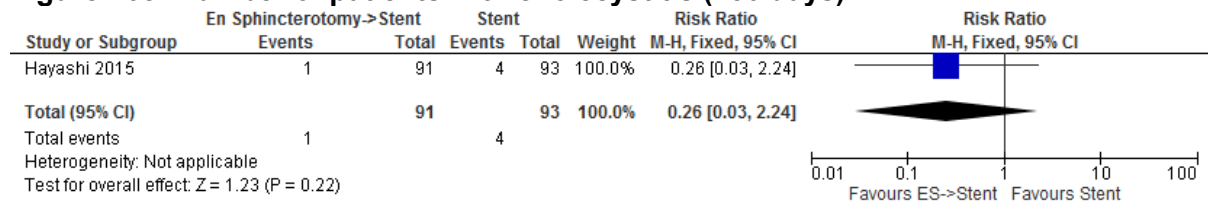


Figure 169: Number of patients with stent-related late complications (>30 days)

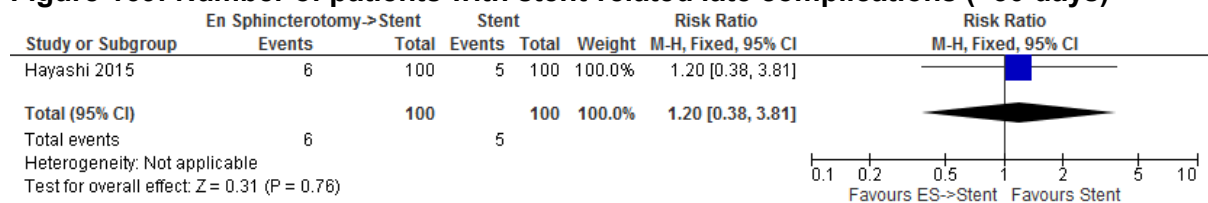


Figure 170: Number of patients with cholangitis (>30 days)

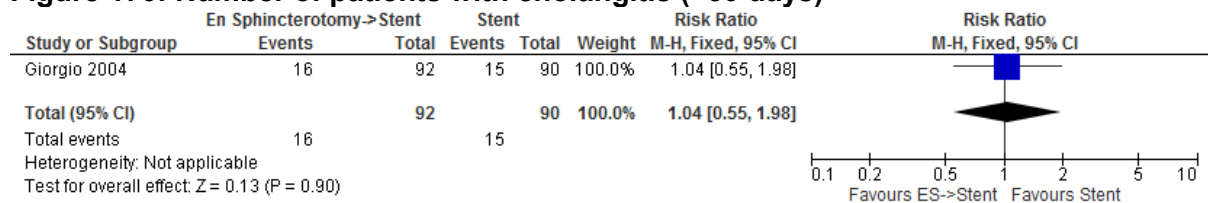
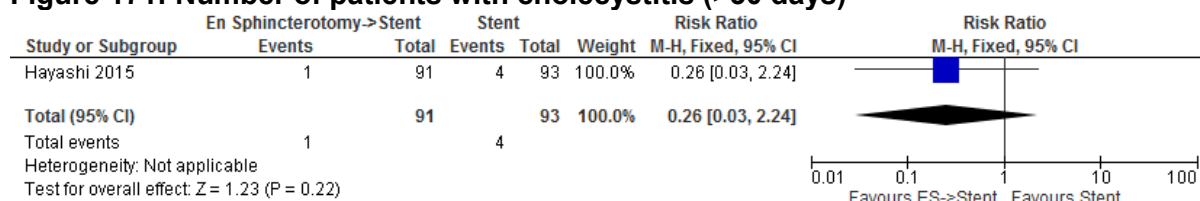


Figure 171: Number of patients with cholecystitis (>30 days)



H.10.71 Endoscopic sphincterotomy then stent versus surgical bypass in adults with unresectable pancreatic cancer

Figure 172: Relief of biliary obstruction

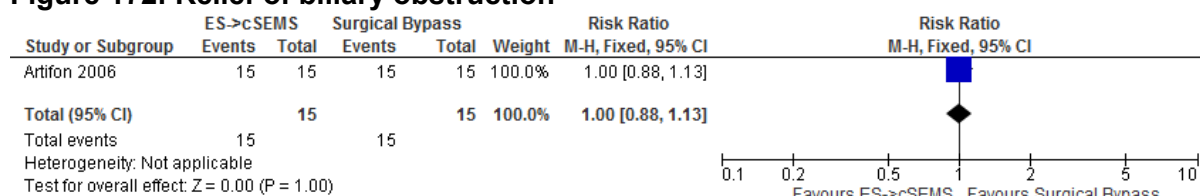


Figure 173: Treatment-related morbidity

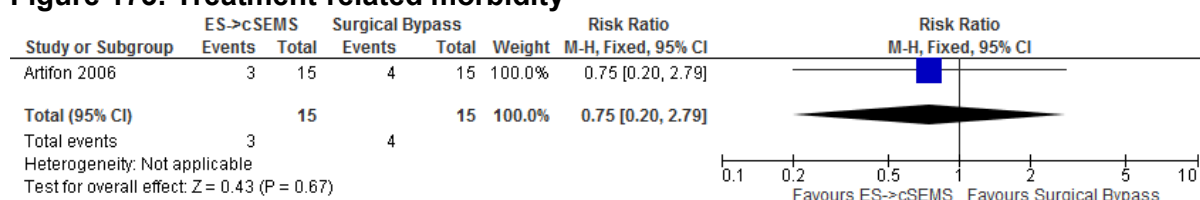


Figure 174: Treatment-related hospitalisation

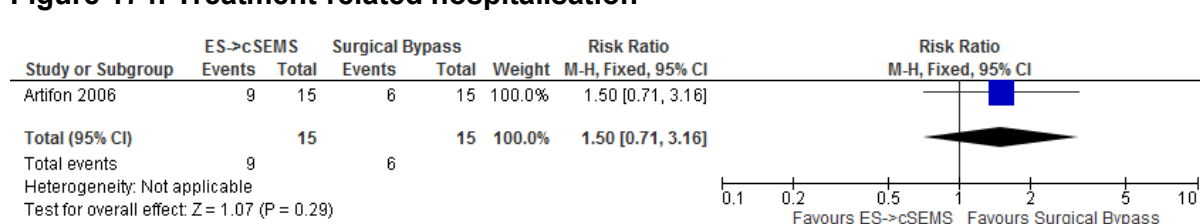


Figure 175: Number of patients with bilirubin level <2.5 mg/dL at day 30

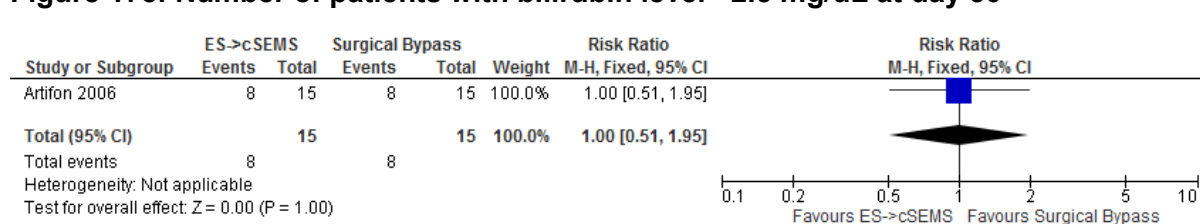


Figure 176: Serum bilirubin level at 30 days

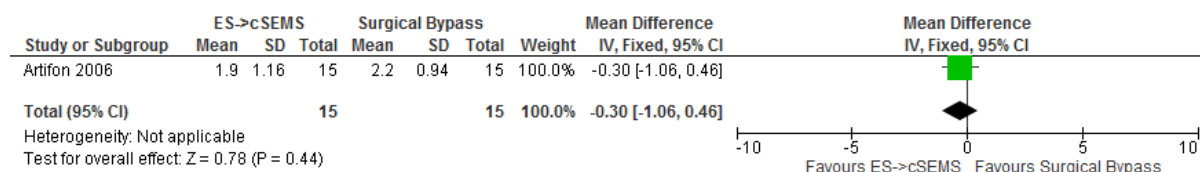


Figure 177: Number of patients with stent-related complications

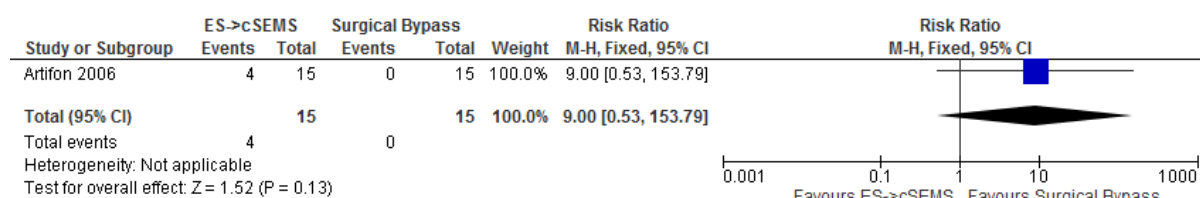


Figure 178: Treatment-related early complications

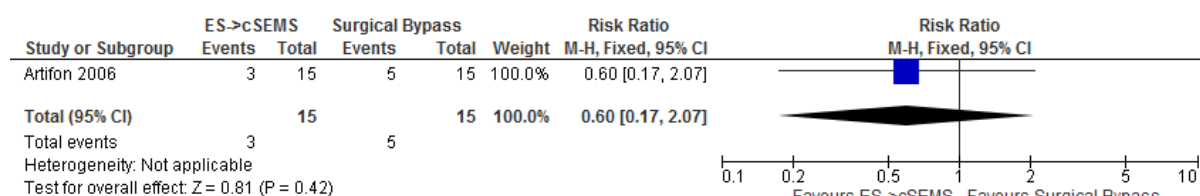


Figure 179: Treatment-related late complications

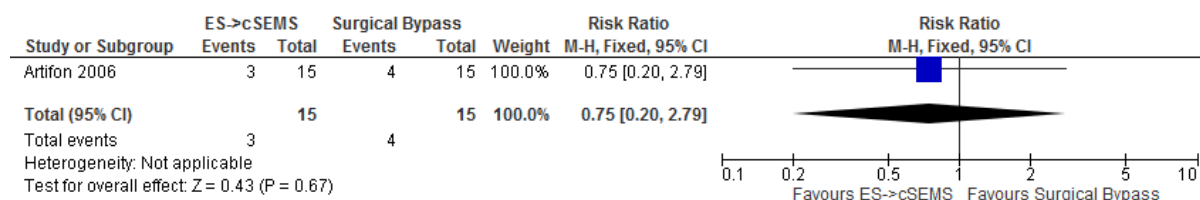


Figure 180: Post-operative complications

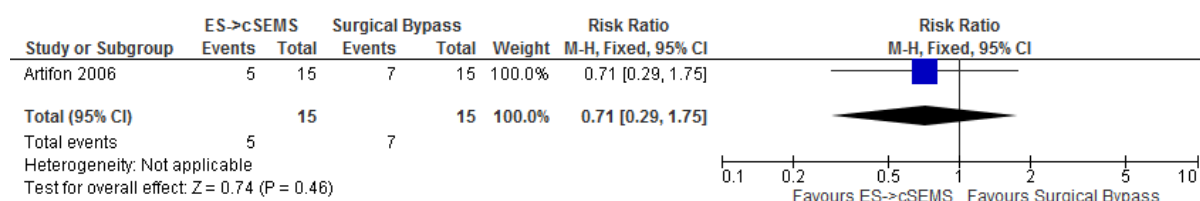


Figure 181: Number of patients with pneumonia

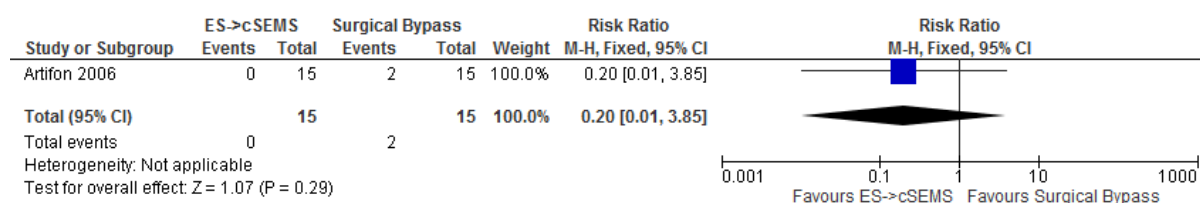


Figure 182: Number of patients with post-ERCP pancreatitis

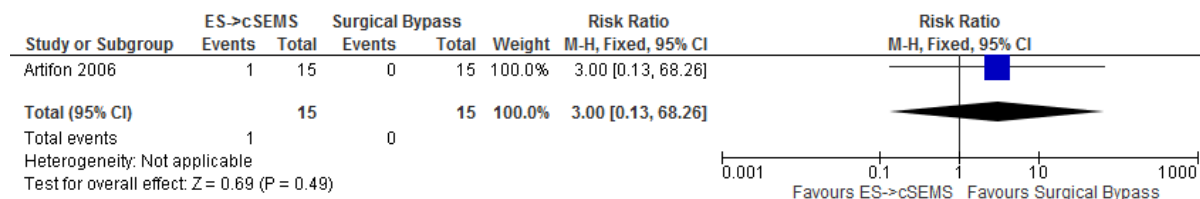
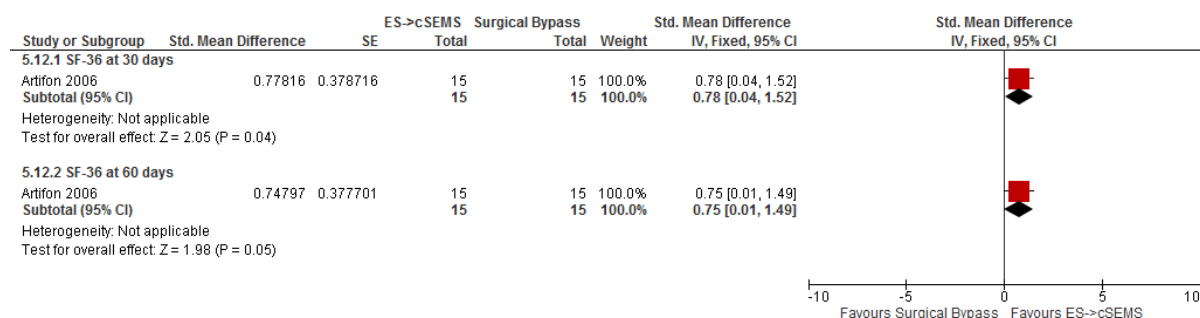


Figure 183: SF-36 Total (Quality of life) at 30 and 60 days



H.10.81 Endoscopic ultrasound-guided choledochoduodenostomy and stent versus percutaneous transhepatic biliary drainage in adults with an unresectable malignant biliary obstruction where either ERCP or EUS-guided transpapillary rendezvous has failed

Figure 184: Total serum bilirubin at 7 and 30 days

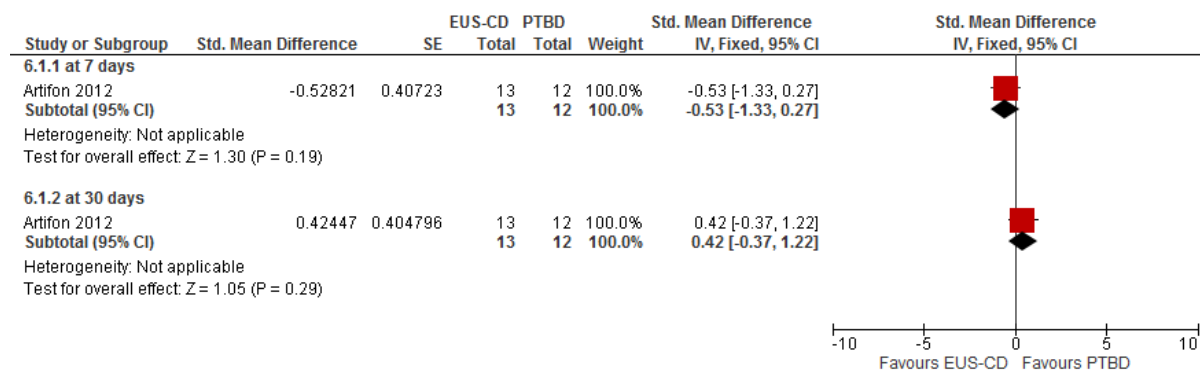


Figure 185: Treatment-related complications

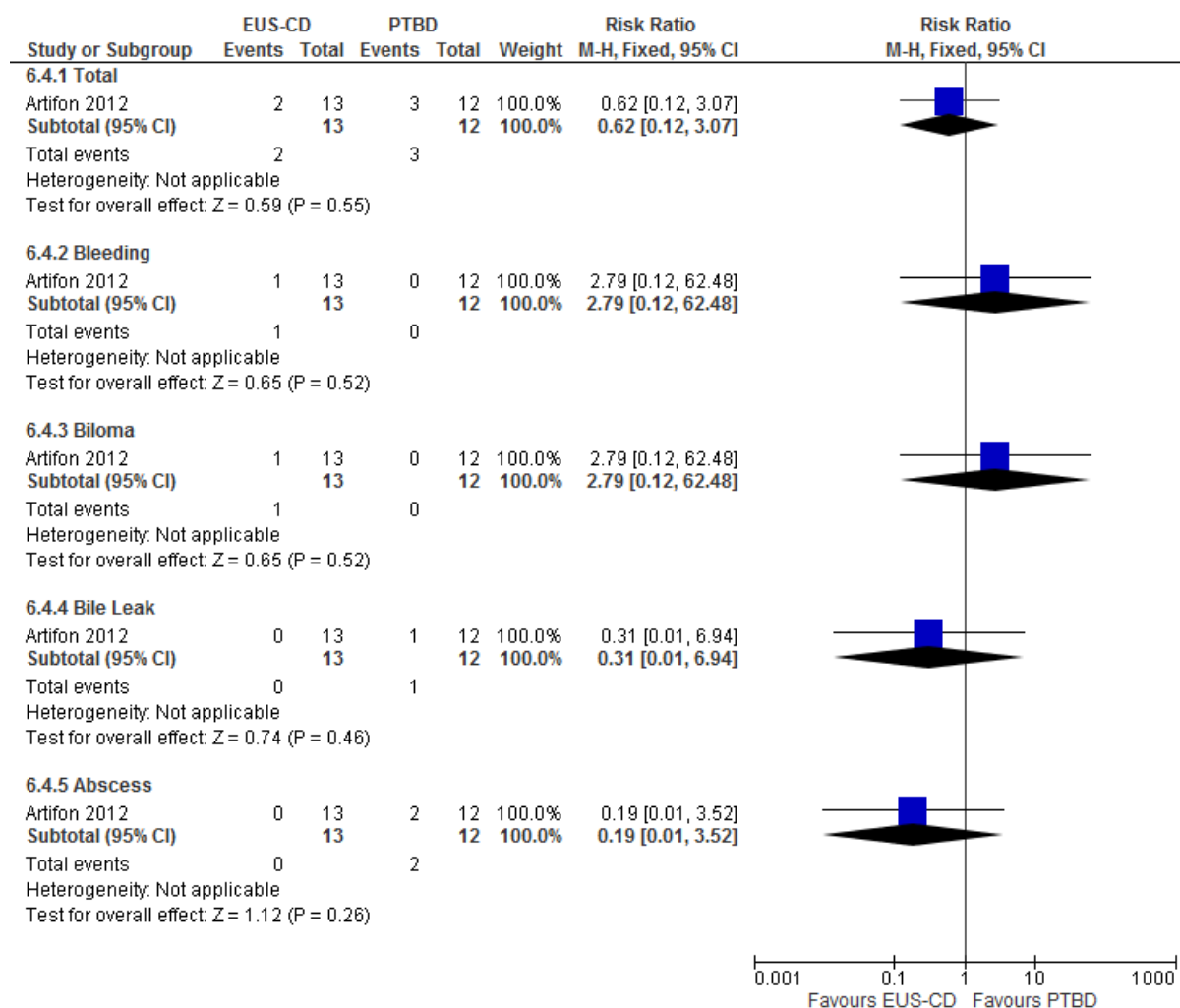
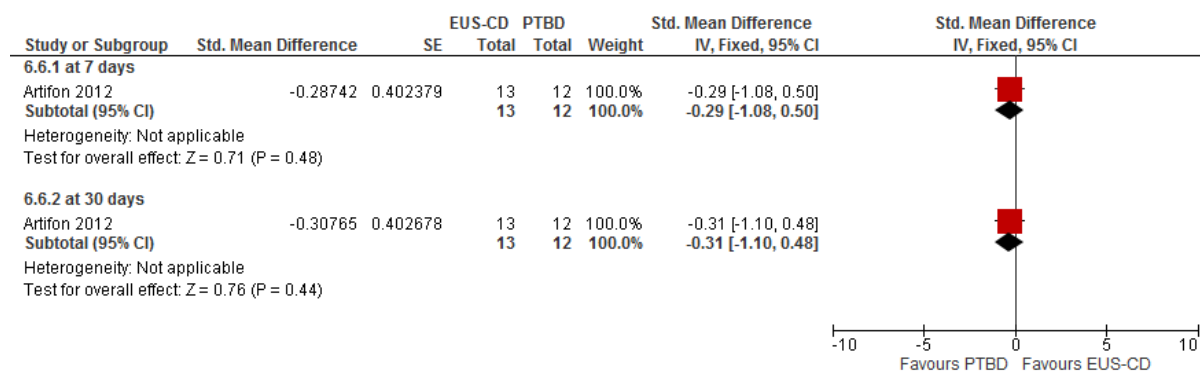


Figure 186: SF-36 Total (Quality of life)



H.10.91 Endoscopic ultrasound-guided choledochoduodenostomy and stent versus surgical bypass in adults with an unresectable malignant biliary obstruction where ERCP has failed

Figure 187: Number of patients with ≥50% reduction in total serum bilirubin after 7 days

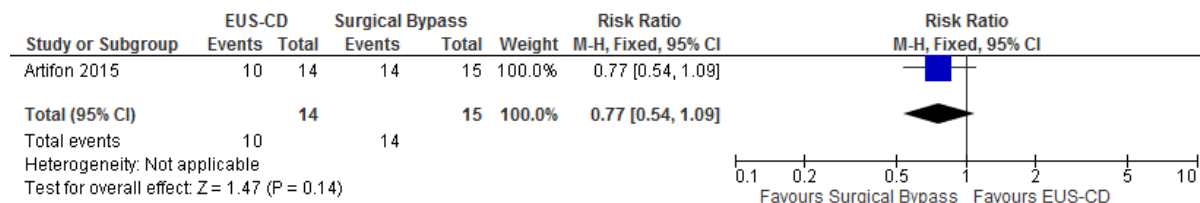


Figure 188: Total serum bilirubin at 7, 30, 60 and 90 days

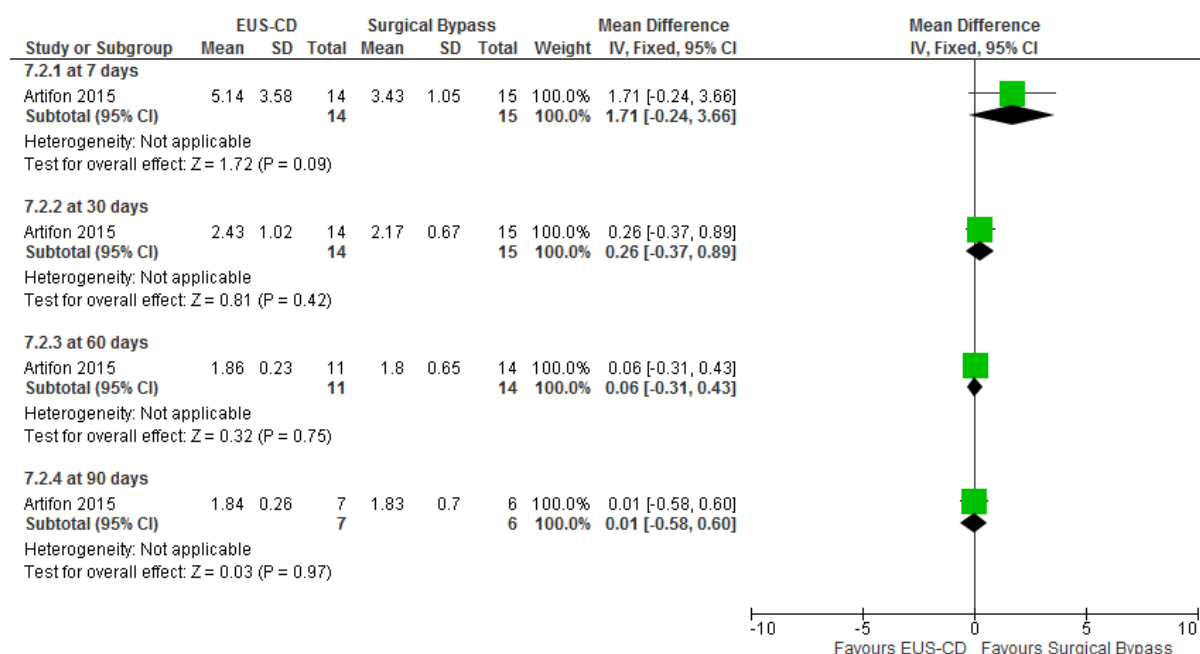


Figure 189: Treatment-related complications

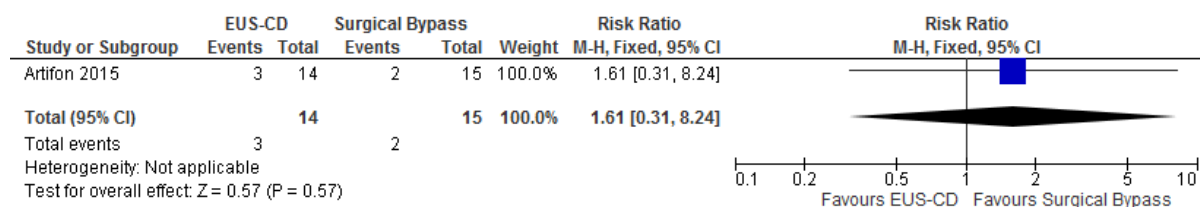


Figure 190: Overall survival 90 days after surgery

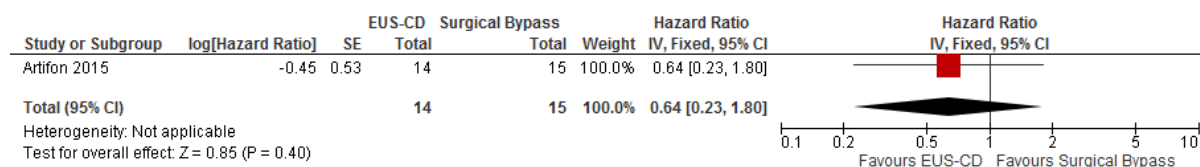


Figure 191: SF-36 Functional capacity at 7, 30, 60 and 90 days

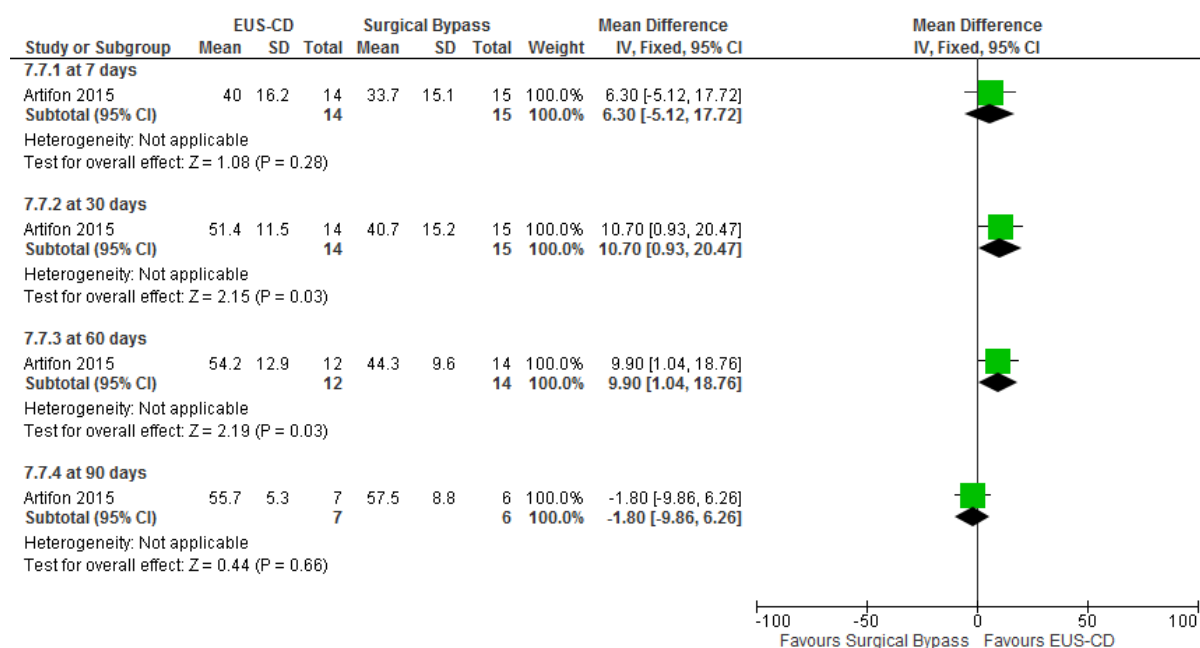


Figure 192: SF-36 Physical health at 7, 30, 60 and 90 days

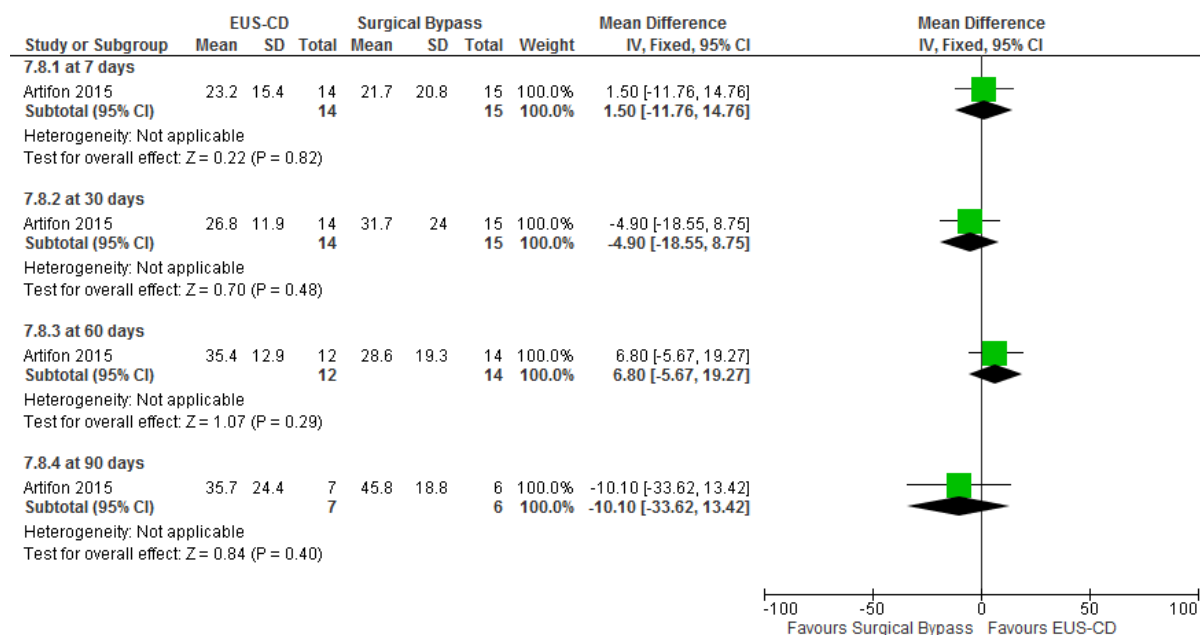


Figure 193: SF-36 Pain at 7, 30, 60 and 90 days

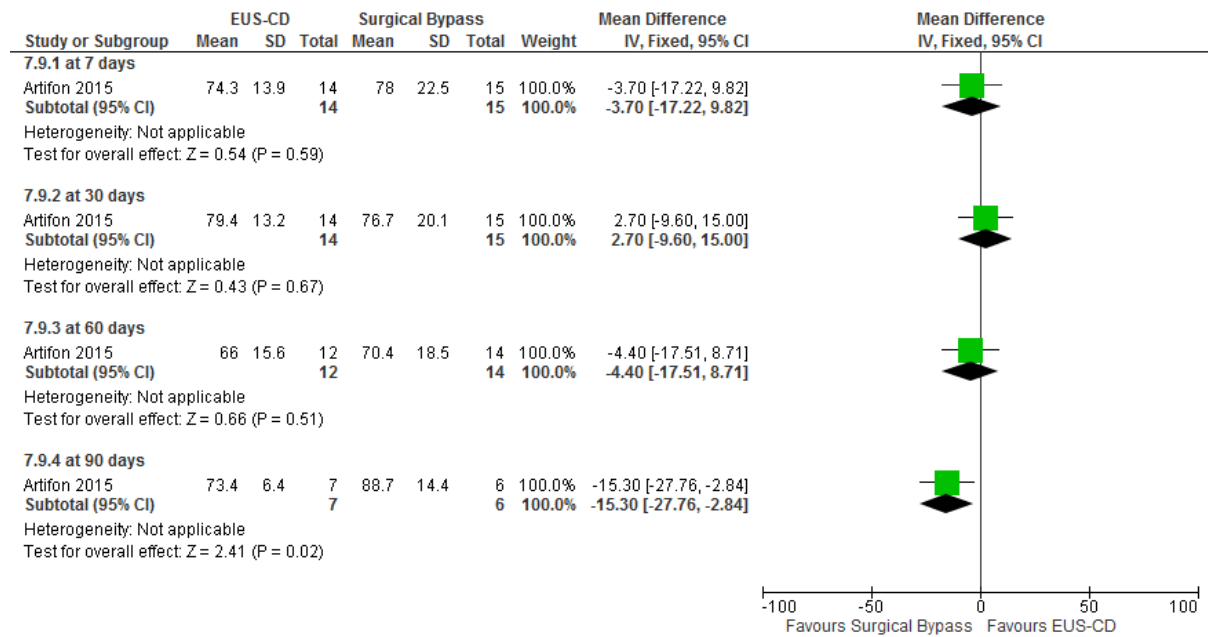


Figure 194: SF-36 General health at 7, 30, 60 and 90 days

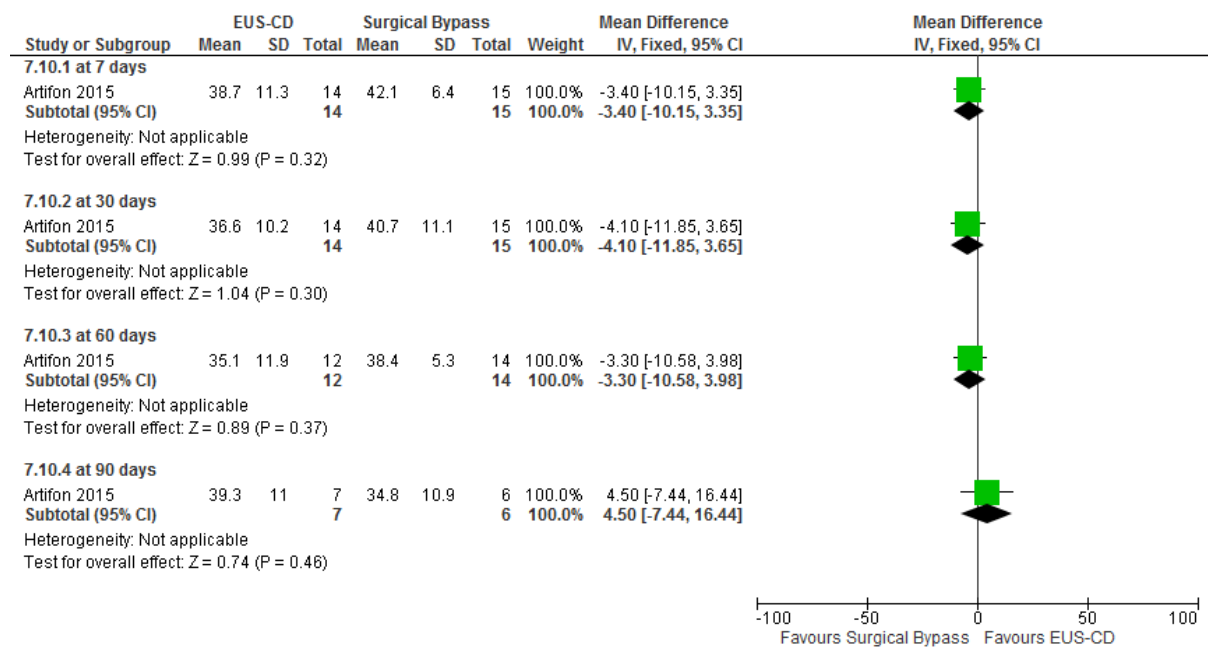


Figure 195: SF-36 Vitality at 7, 30, 60 and 90 days

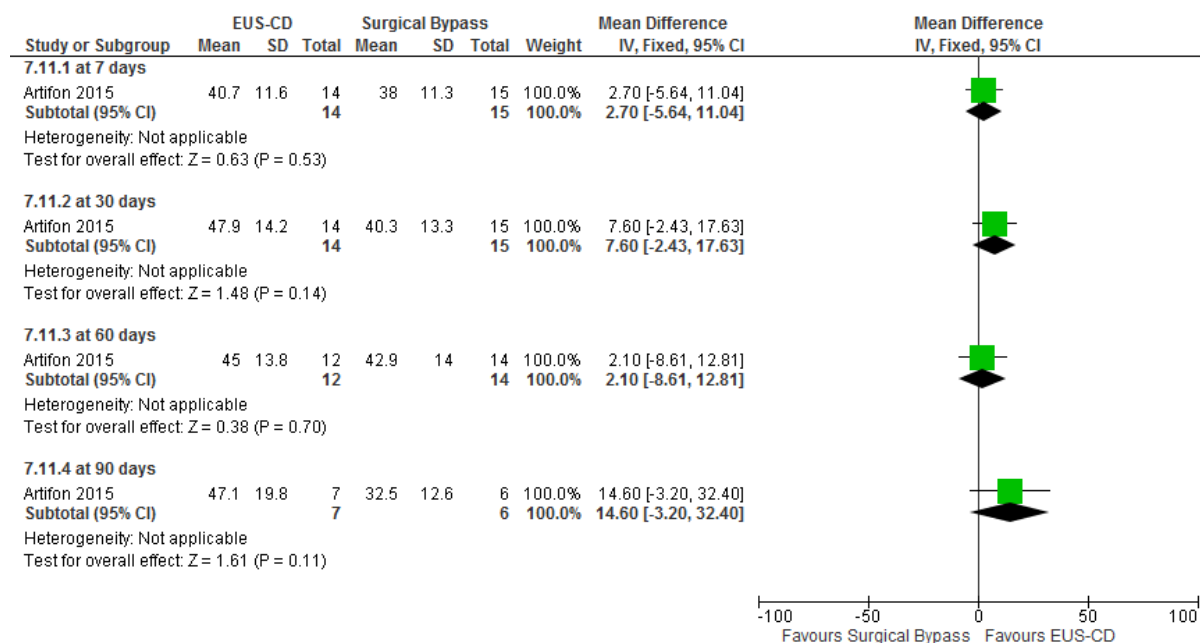


Figure 196: SF-36 Social role functioning at 7, 30, 60 and 90 days

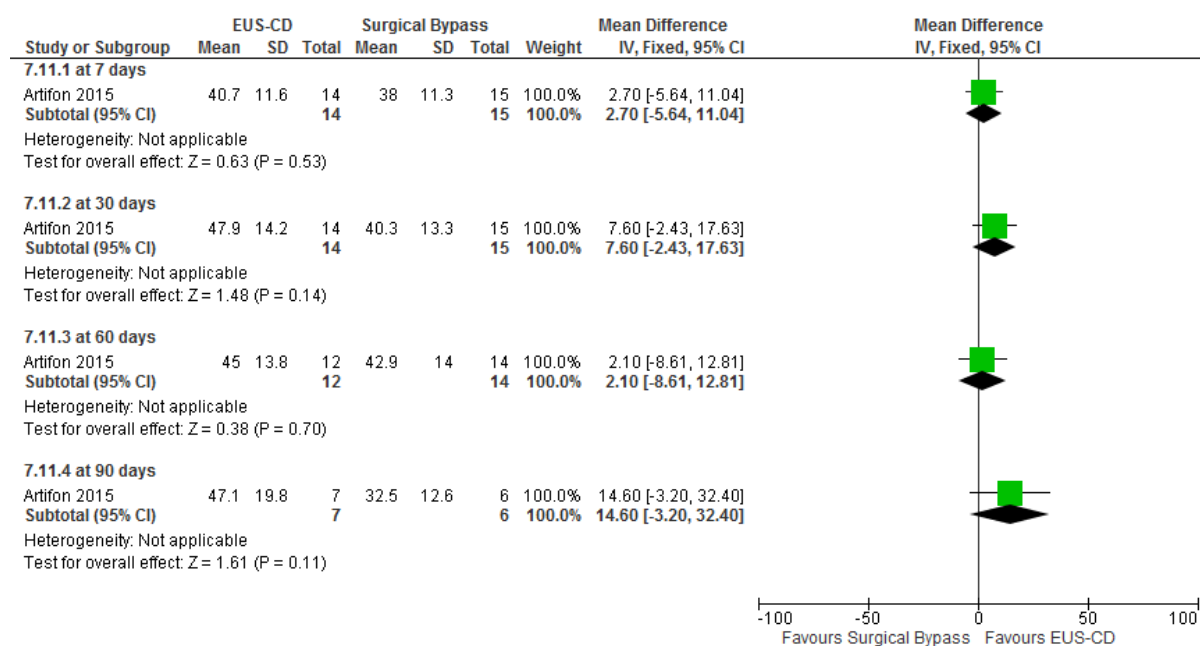


Figure 197: SF-36 Emotional role functioning at 7, 30, 60 and 90 days

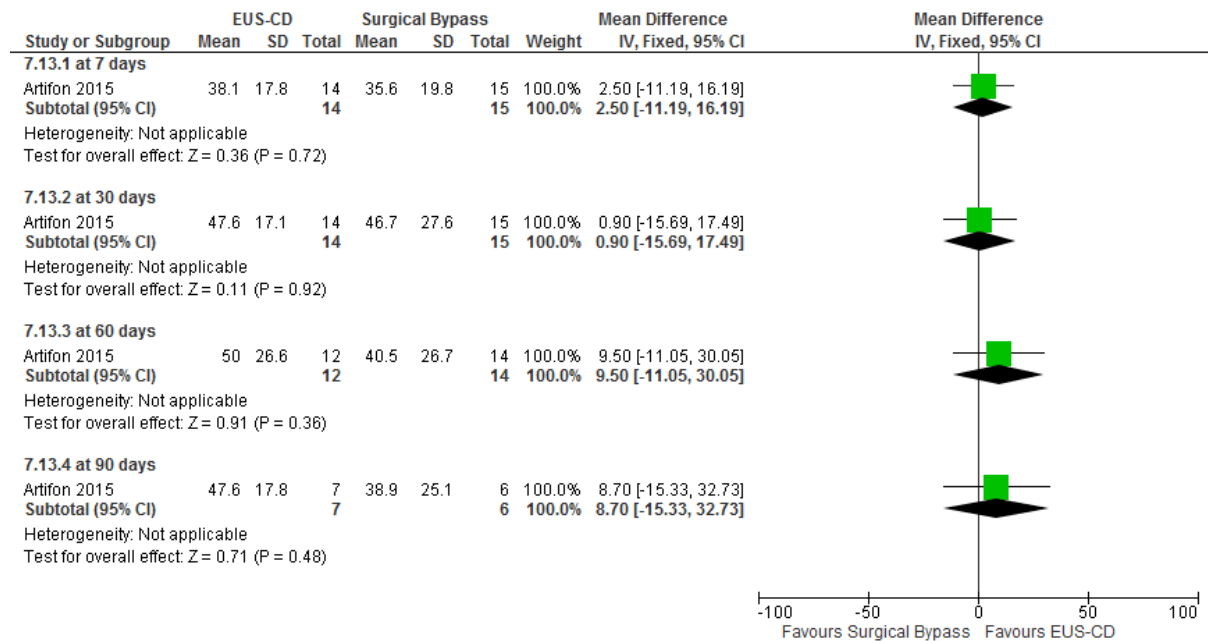
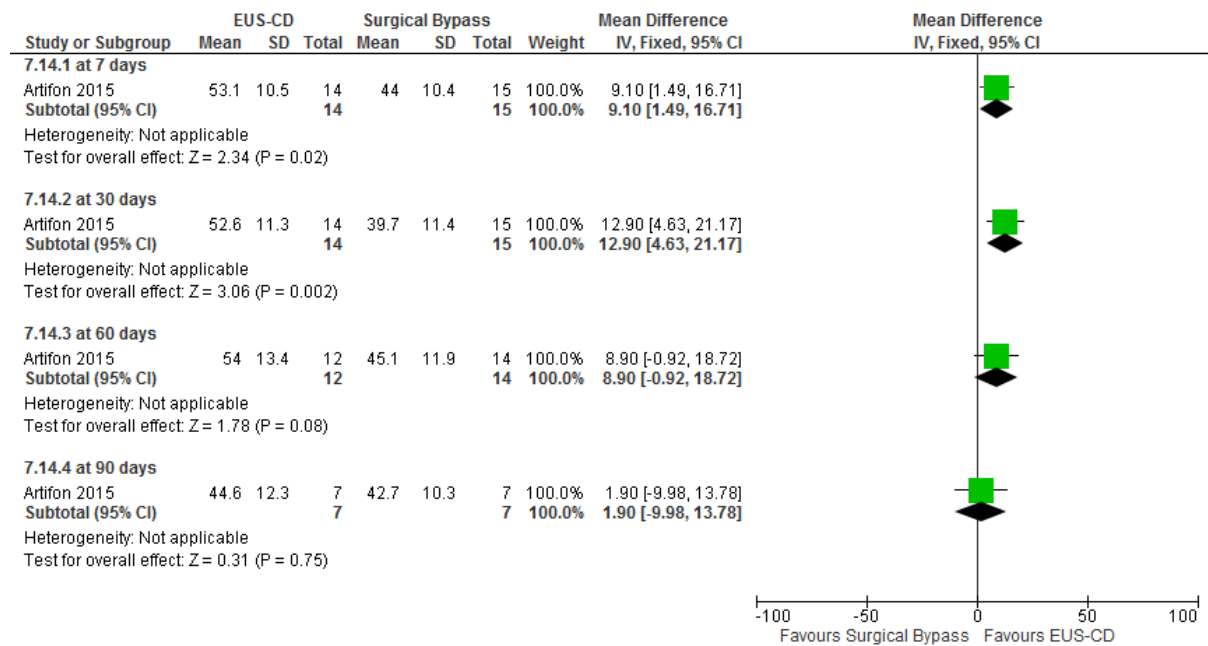


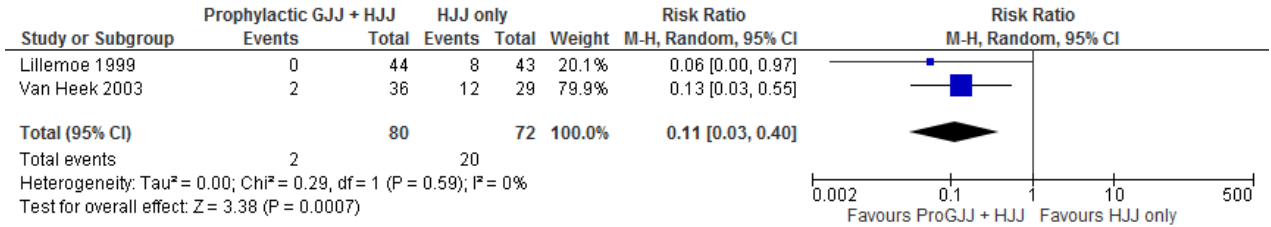
Figure 198: SF-36 Mental Health at 7, 30, 60 and 90 days



H.11₁ Duodenal obstruction

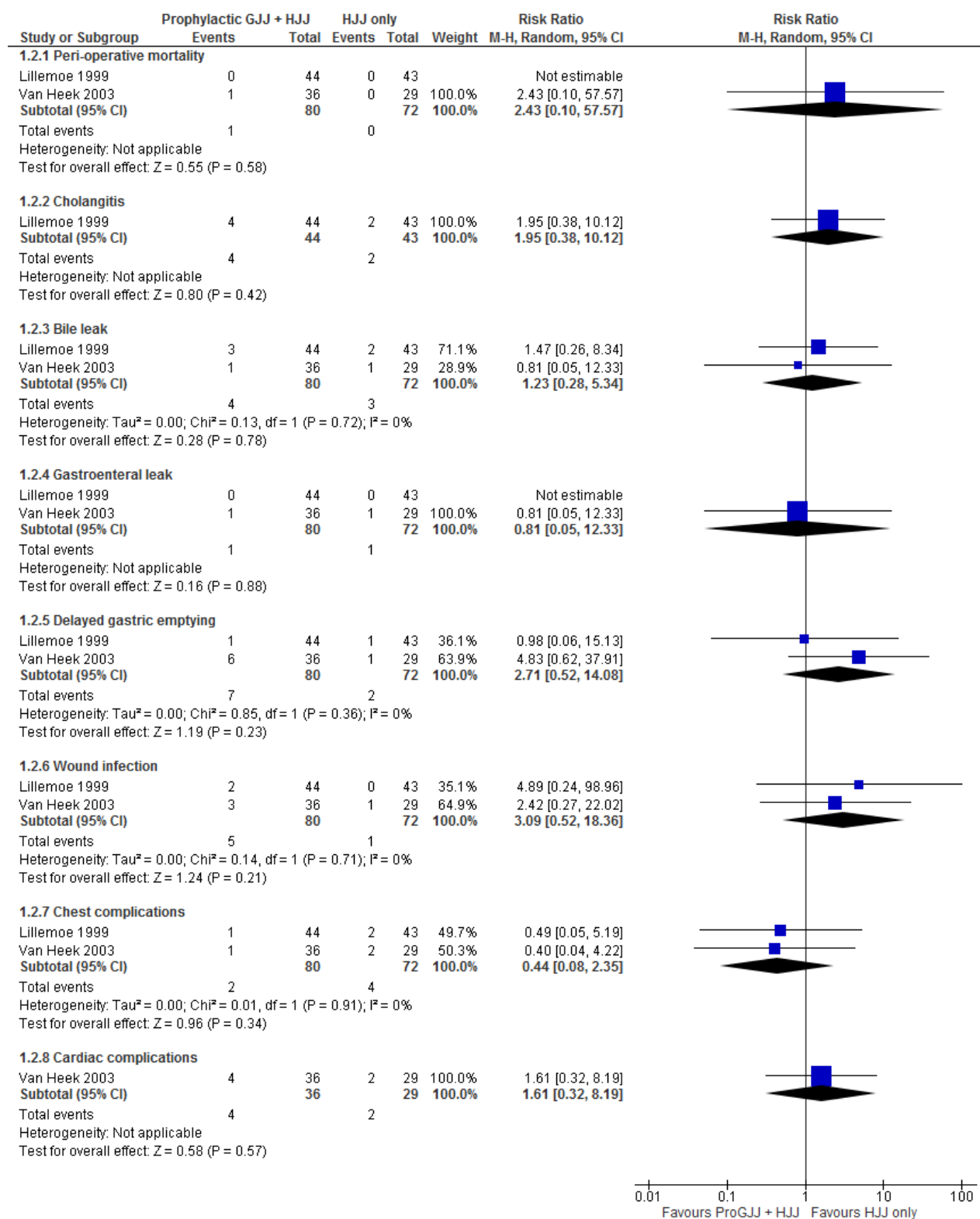
H.11.12 Prophylactic GJJ and hepaticojejunostomy versus hepaticojejunostomy only

3 Figure 199: Gastric outlet obstruction at 1 month



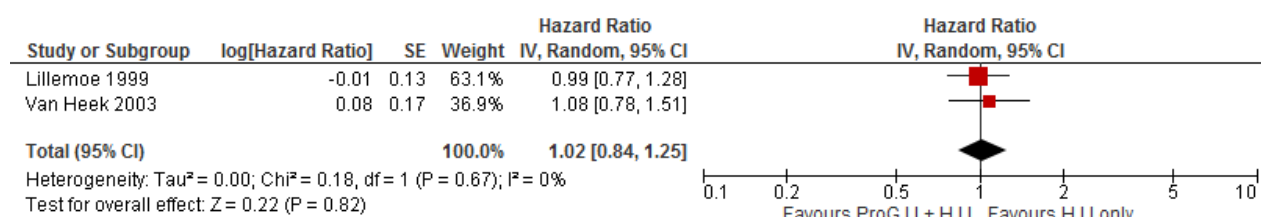
4

1 Figure 200: Adverse events (Perioperative morbidity)



2

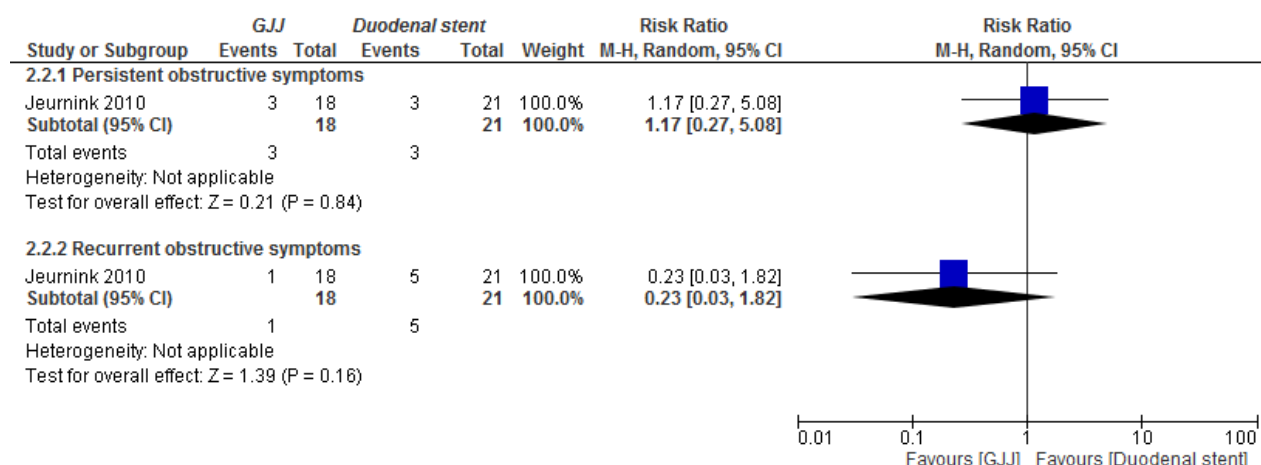
1 Figure 201: Overall survival



2

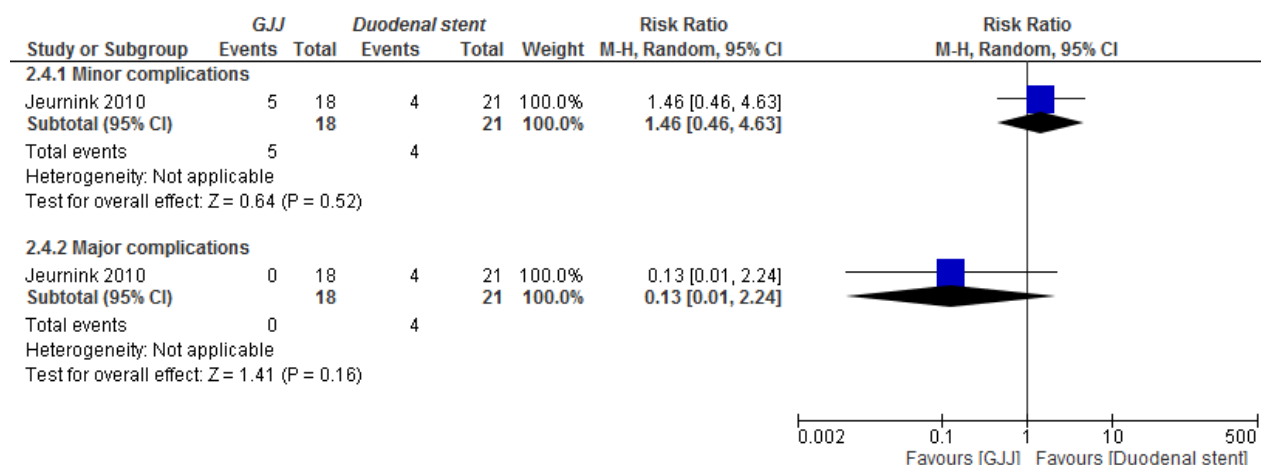
H.11.23 GJJ versus duodenal stent placement

4 Figure 202: Change in symptoms - Persistent obstructive symptoms



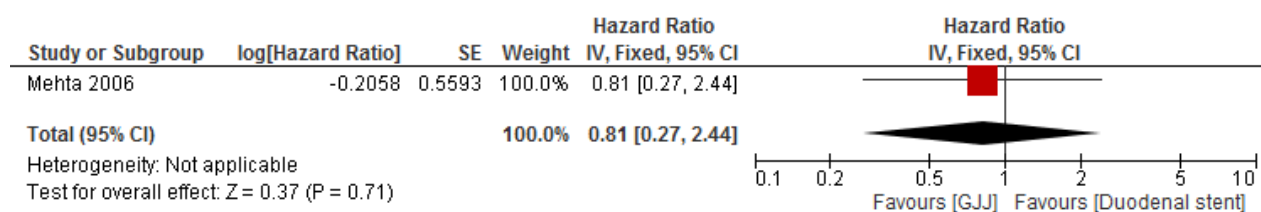
5 Test for subgroup differences: Chi² = 1.56, df = 1 (P = 0.21), I² = 35.9%

6 Figure 203: Adverse effects – Minor and Major complications



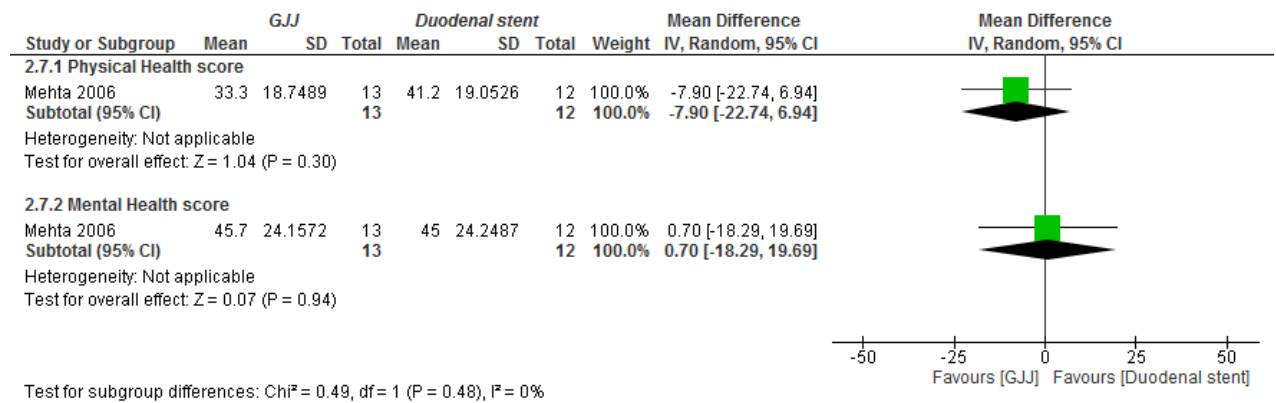
7 Test for subgroup differences: Chi² = 2.39, df = 1 (P = 0.12), I² = 58.1%

8 Figure 204: Overall survival



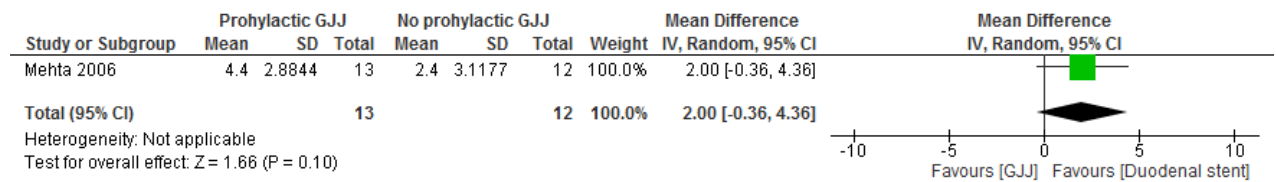
9

1 Figure 205: Health-related Quality of Life: SF-36 at 1 month



2

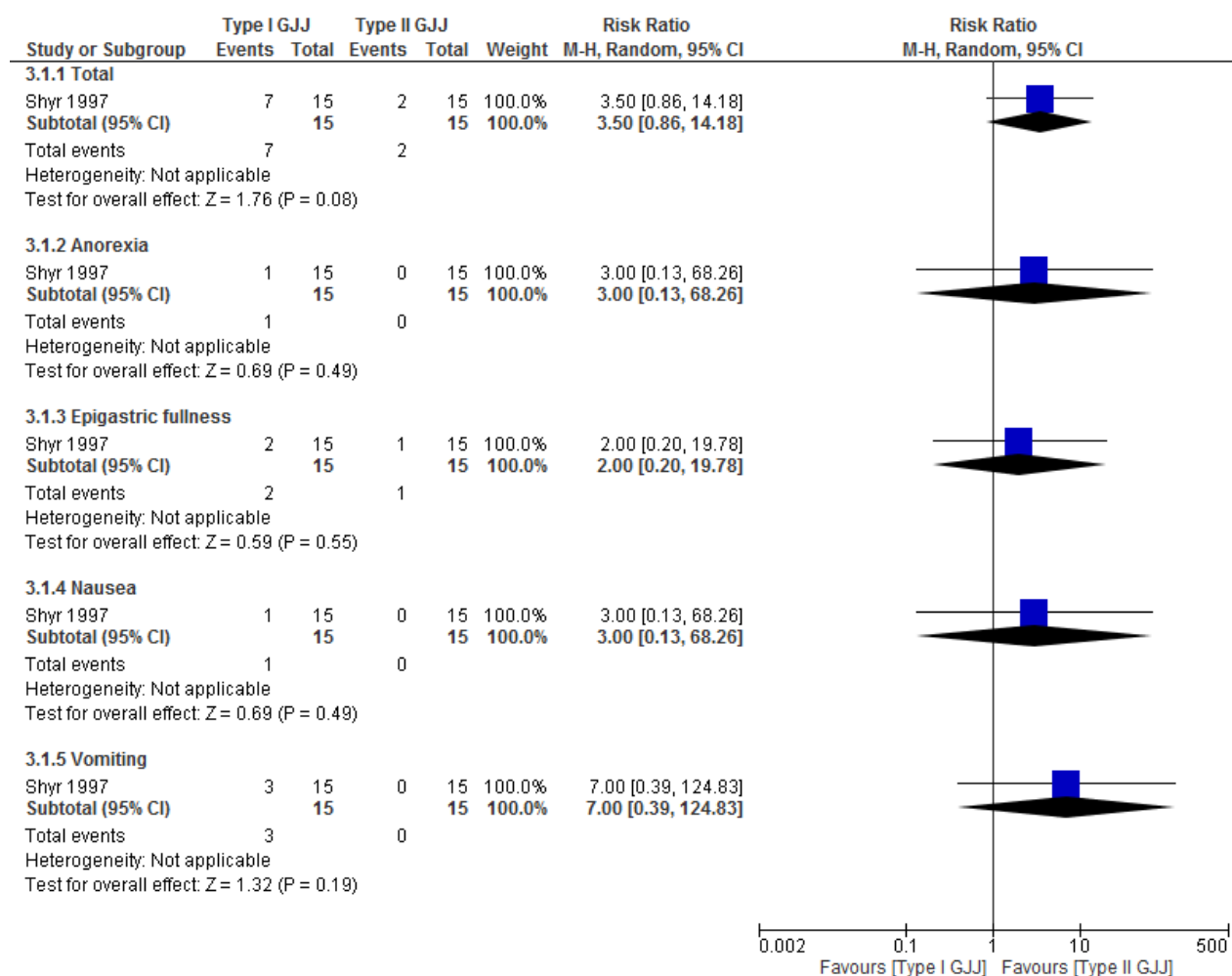
3 Figure 206: PROMS - Self-report Pain (Visual Analog Scale) at 1 month



4

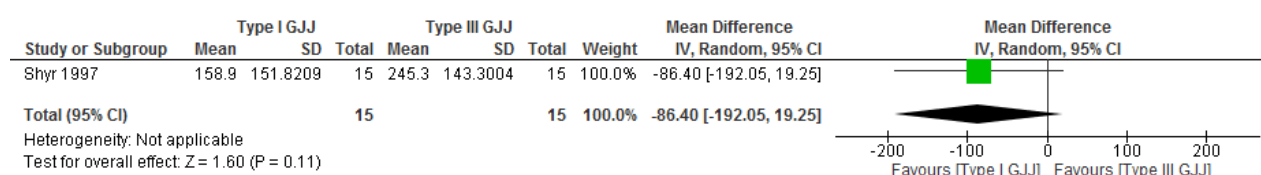
H.11.31 Type I GJJ (proximal to the Jejunal limb: Ligament of Treitz) versus Type II GJJ (Pylorus)

3 Figure 207: Change in symptoms (Clinical symptoms of GOO)



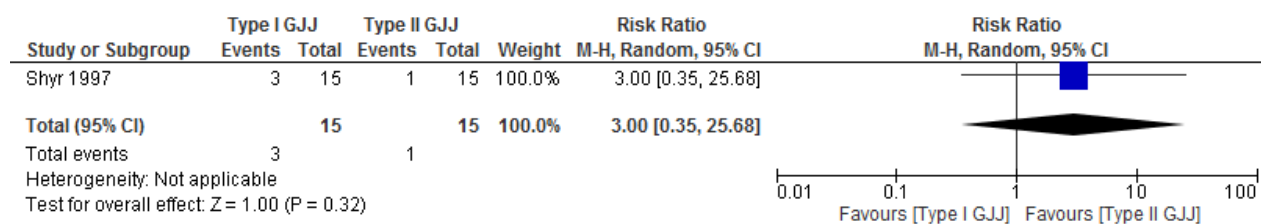
4

5 Figure 208: Nutritional status - Gastric emptying time (minutes)



6

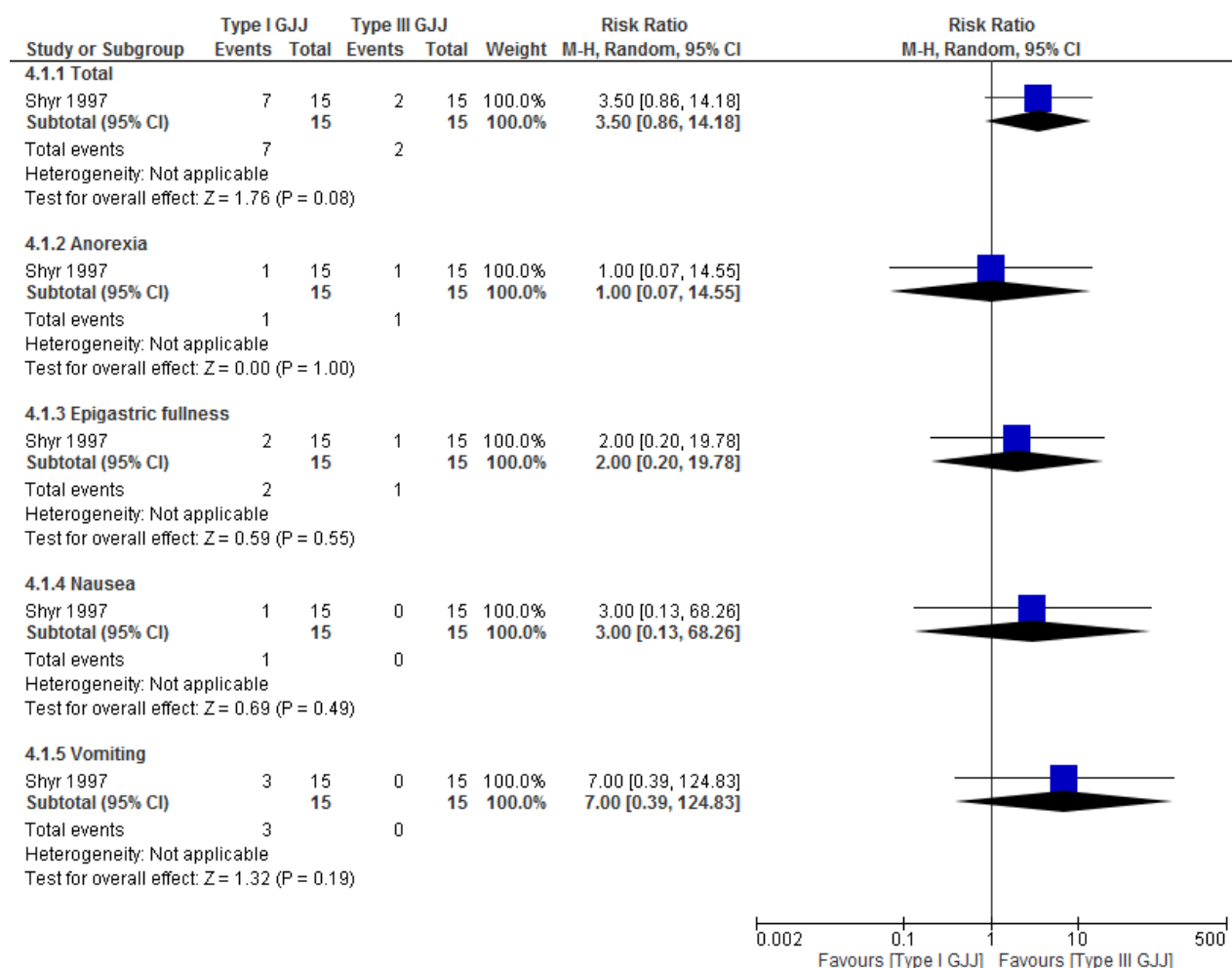
7 Figure 209: Nutritional status - Patients with delayed gastric emptying



8

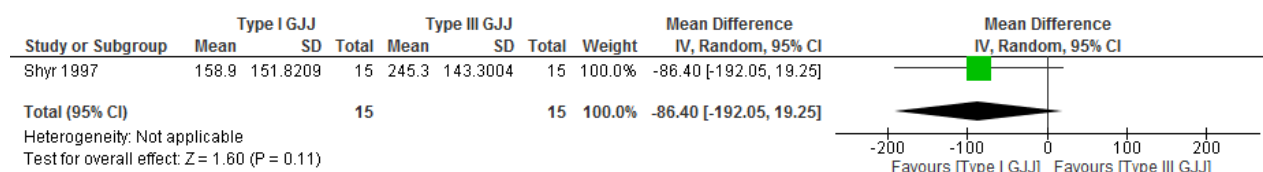
H.11.41 Type I GJJ (proximal to the Jejunal limb: Ligament of Treitz) versus Type III GJJ (proximal to Roux-limb Jejunum)

3 Figure 210: Change in symptoms (Clinical symptoms of GOO)



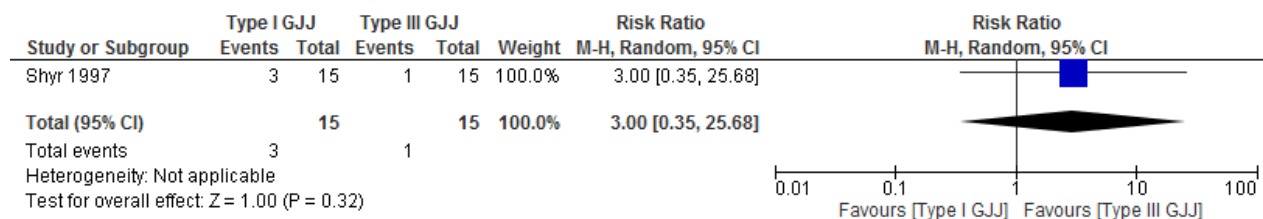
4

5 Figure 211: Nutritional status - Gastric emptying time (minutes)



6

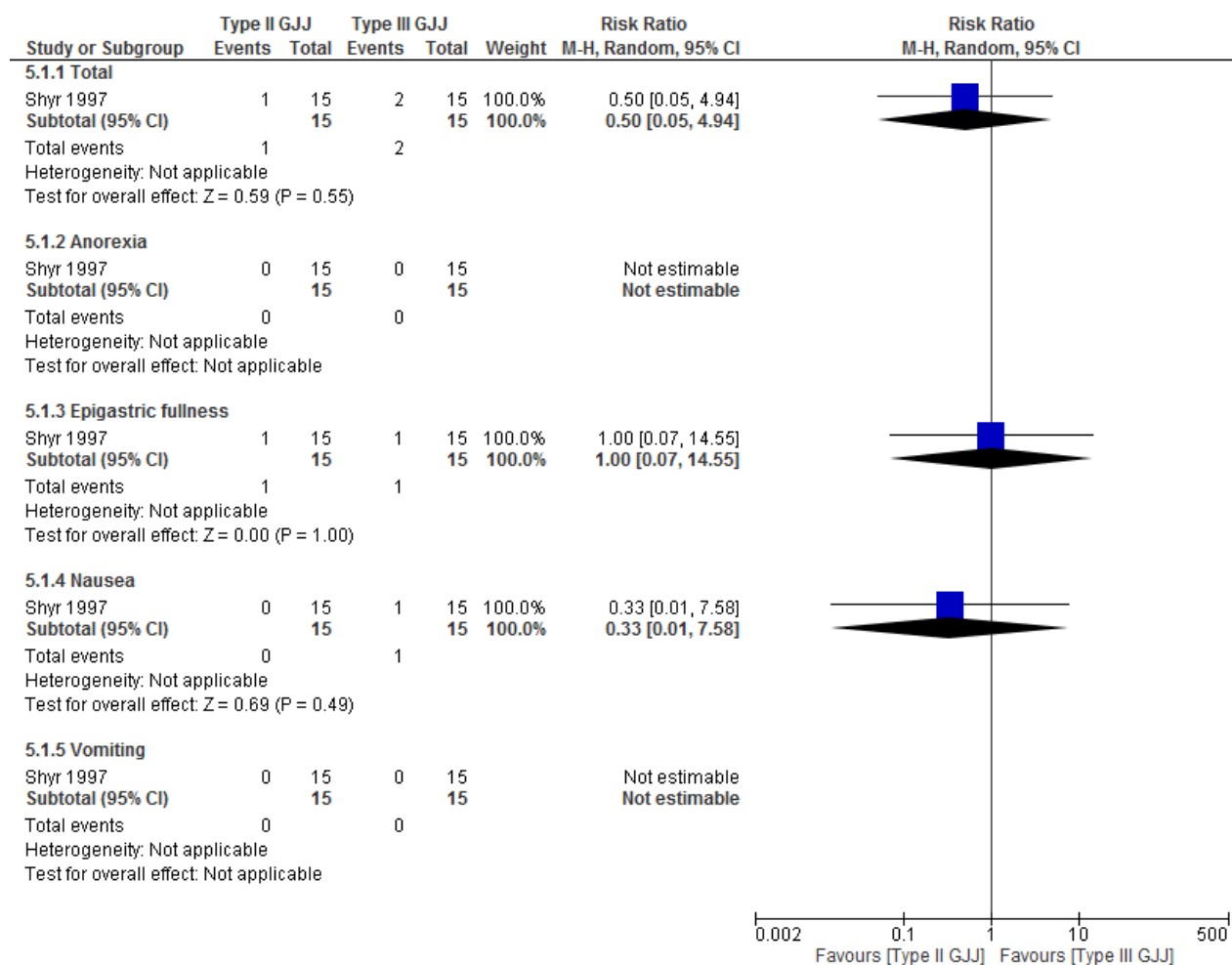
7 Figure 212: Nutritional status - Patients with delayed gastric emptying



8

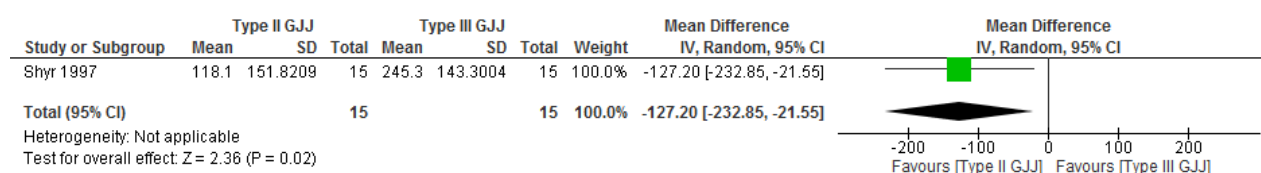
H.11.51 Type II GJJ (Pylorus) versus Type III GJJ (proximal to Roux-limb Jejunum)

2 Figure 213: Change in symptoms (Clinical symptoms of GOO)



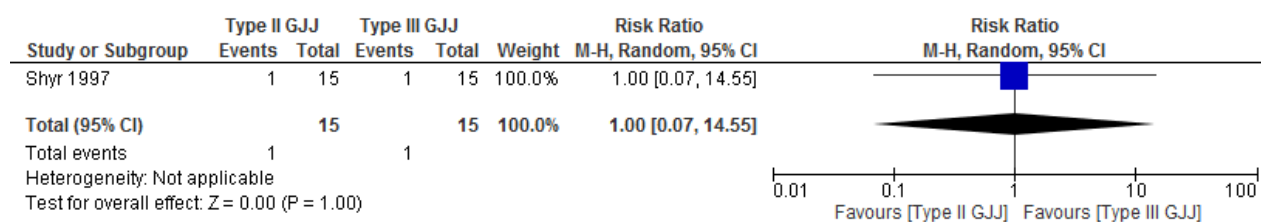
3

4 Figure 214: Nutritional status - Gastric emptying time (minutes)



5

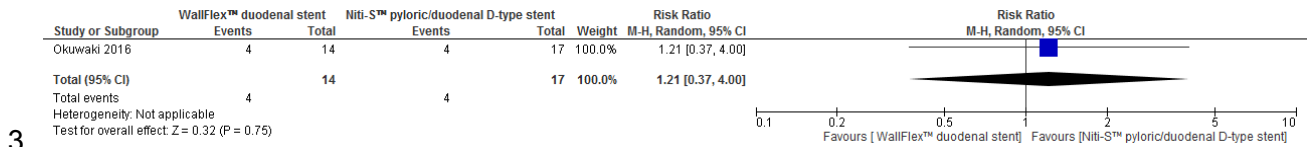
6 Figure 215: Nutritional status - Patients with delayed gastric emptying



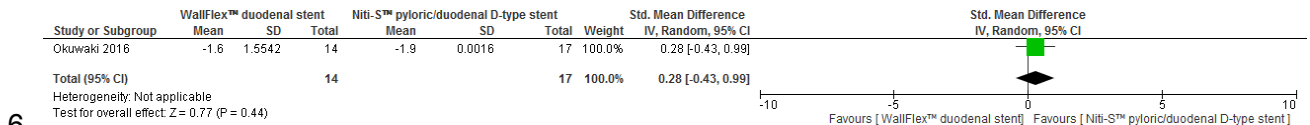
7

H.11.61 Duodenal stent-1 versus duodenal stent-2

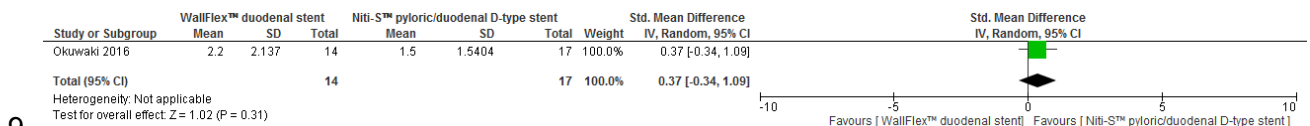
2 Figure 216: Relief of obstruction - Duodenal obstruction recurrence



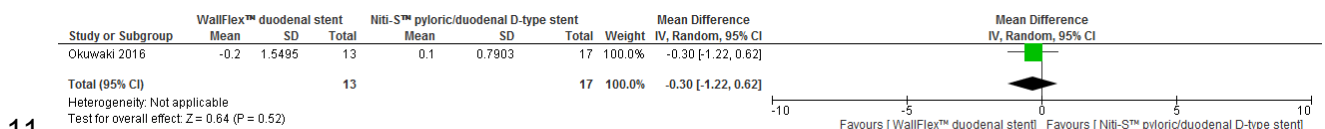
4 Figure 217: Change in symptoms - Mean change in Nausea and Vomiting Scoring System (NVSS) score



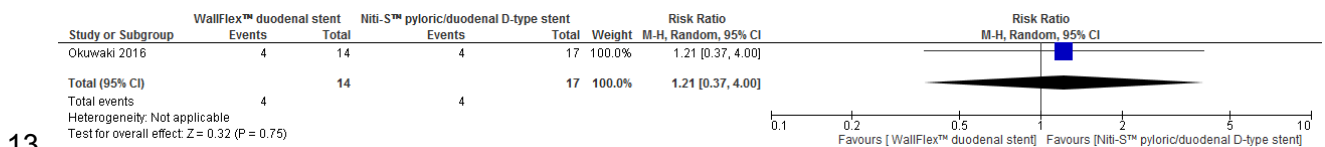
7 Figure 218: Nutritional status - Mean change in gastric outlet obstruction (GOO) score at 2 weeks recurrence



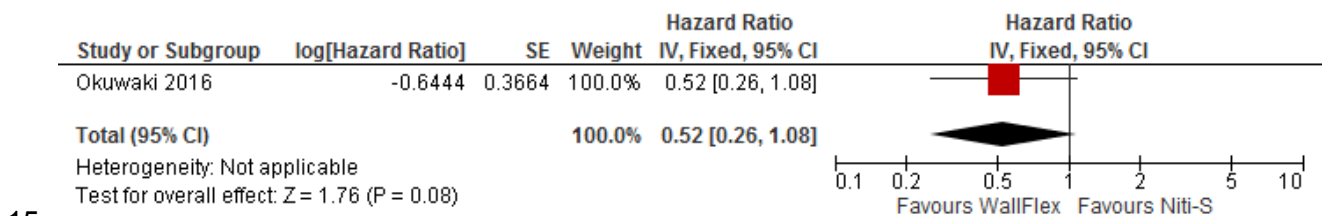
10 Figure 219: Nutritional status- Mean change in BMI at 4 weeks



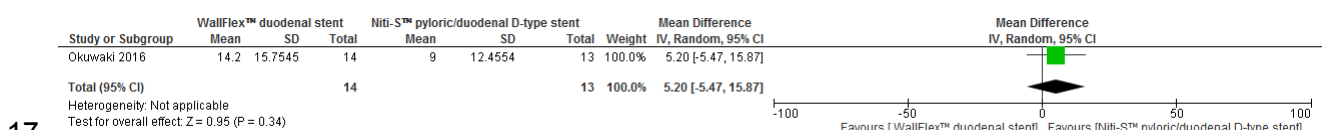
12 Figure 220: Adverse events (procedure-related)



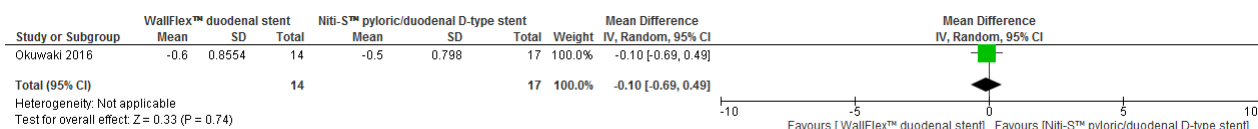
14 Figure 221: Overall survival



16 Figure 222: HRQL - Mean change in Karnofsky performance score at 2 weeks



1 Figure 223: HRQL - Mean change in Performance score at 2 weeks

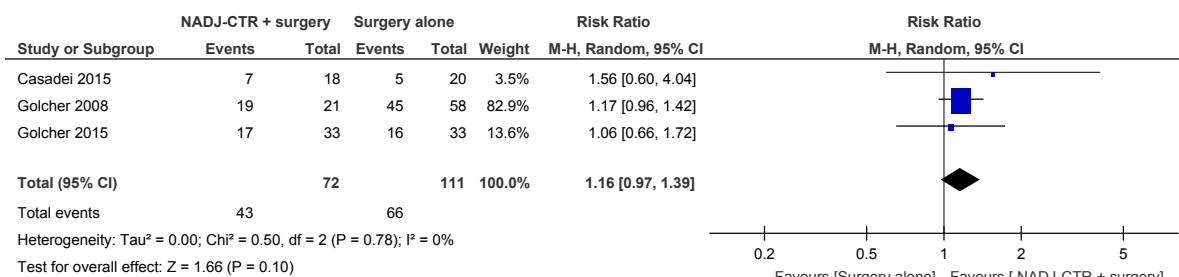


2

H.12.3 Neo-adjuvant treatment

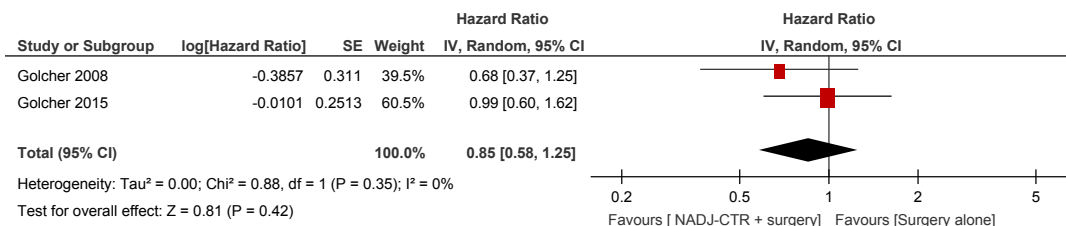
H.12.14 Neoadjuvant chemoradiotherapy followed by surgery versus surgery alone in adults with resectable pancreatic cancer

6 Figure 224: R0 resection rate



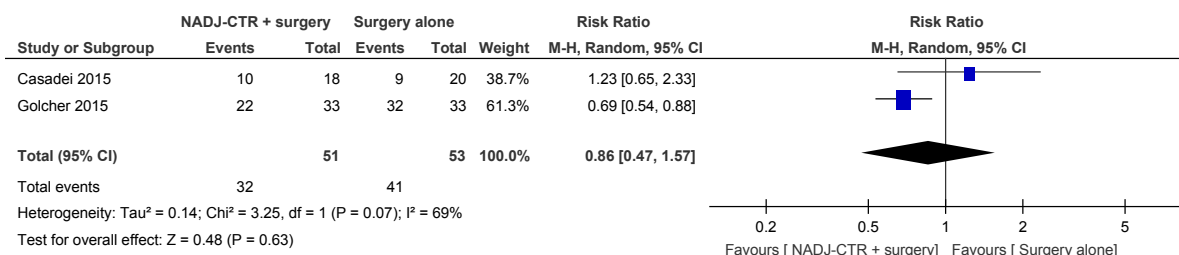
7

8 Figure 225: Overall survival



9

10 Figure 226: Postoperative complications



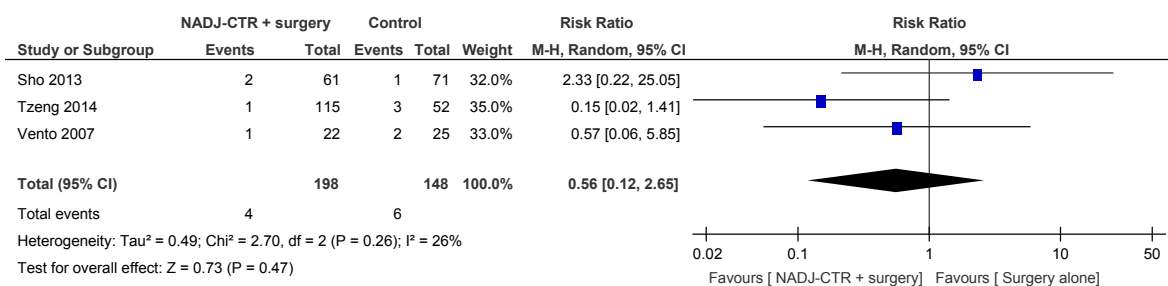
11

12 Figure 227: Postoperative complications (Pancreatic fistula)



13

1 Figure 228: Postoperative complications (Postoperative bleeding)



2

H.12.23 Neoadjuvant chemotherapy then neoadjuvant chemoradiotherapy followed by surgery then adjuvant chemotherapy versus neoadjuvant chemotherapy followed by surgery then adjuvant chemotherapy in adults with resectable or borderline resectable pancreatic cancer

Figure 229: Response to neoadjuvant treatment prior to surgery (FOLFIRINOX vs GEMcap)

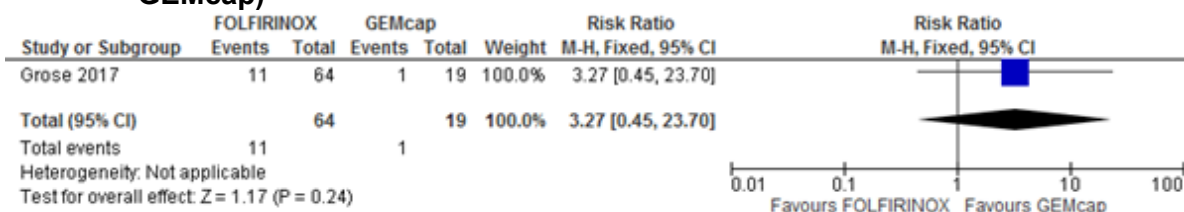


Figure 230: Overall survival (FOLFIRINOX vs GEMcap)

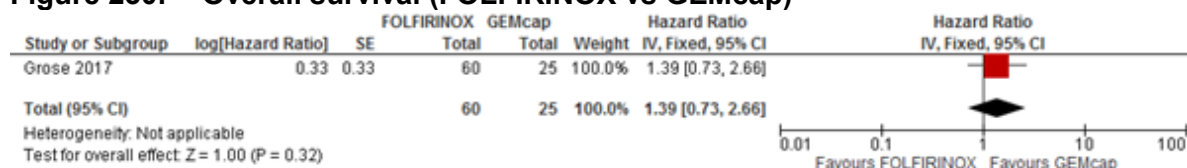


Figure 231: Grade 3 Adverse Events (FOLFIRINOX vs GEMcap)

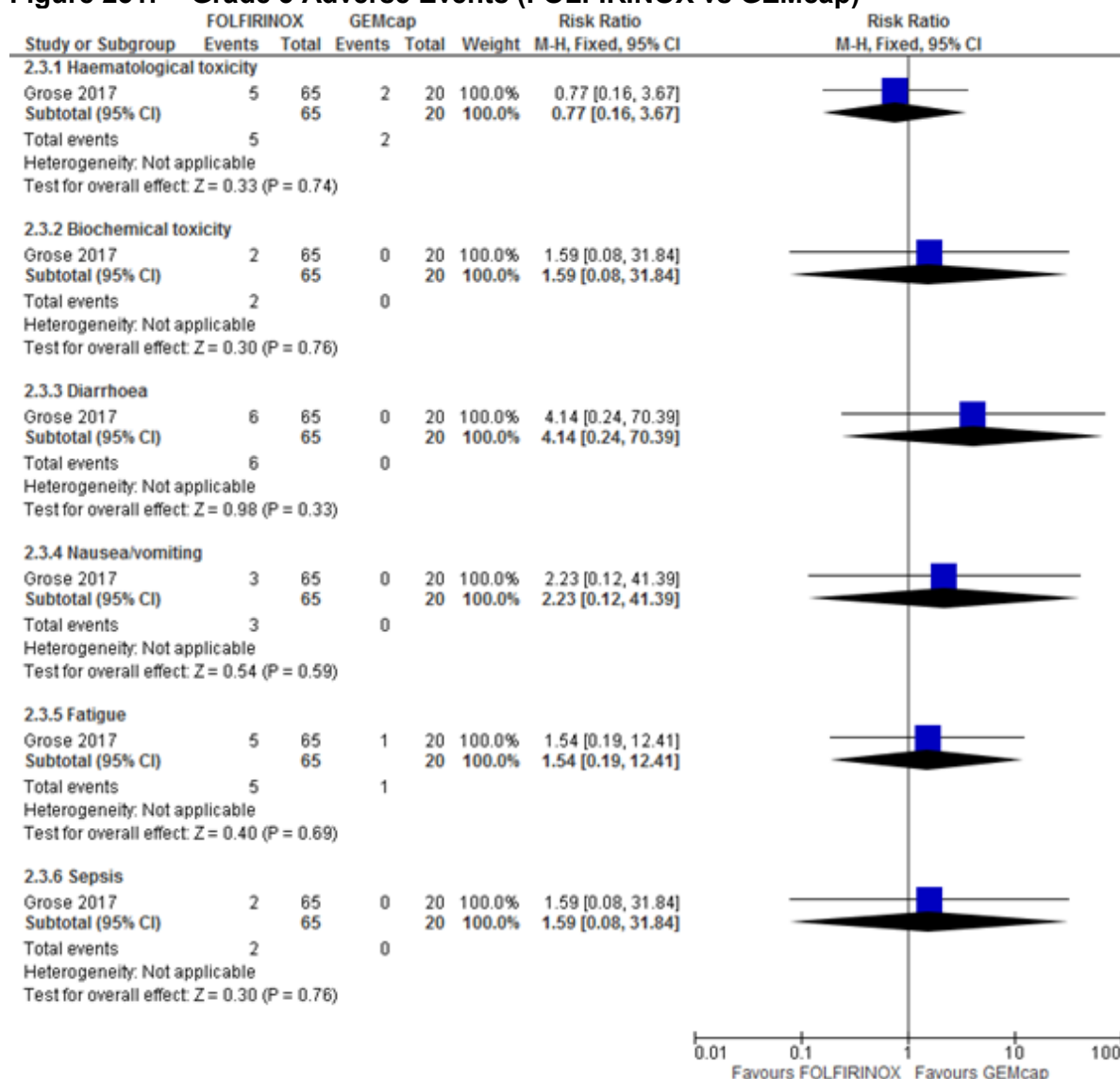


Figure 232: Grade 4 Adverse Events (FOLFIRINOX vs GEMcap)

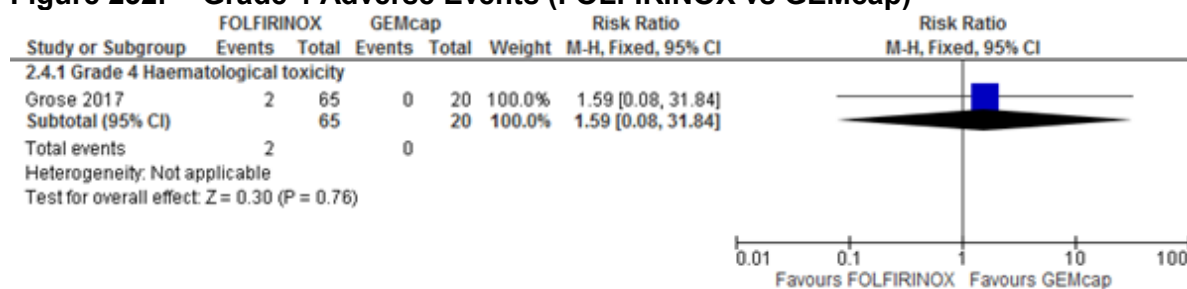


Figure 233: R0 (complete) resection rate (CRT then Surgery vs Surgery)

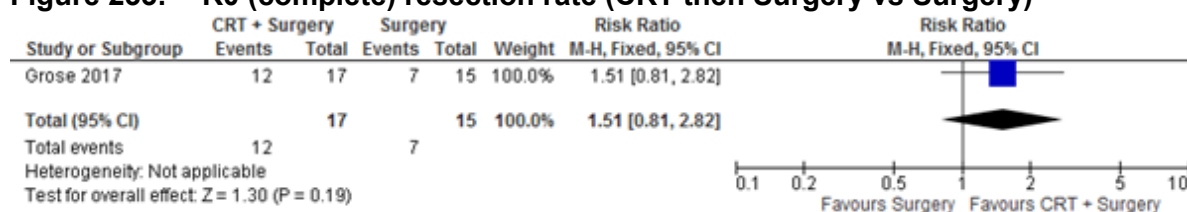
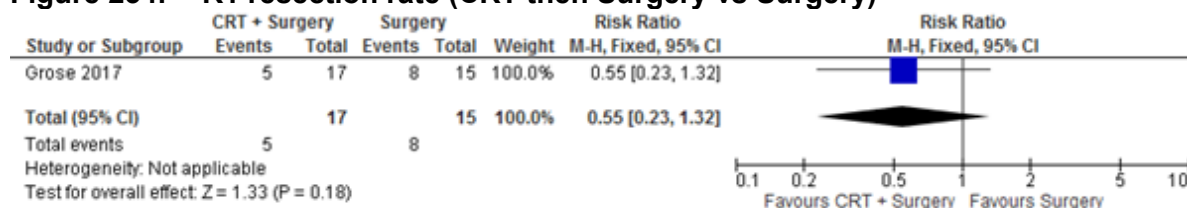


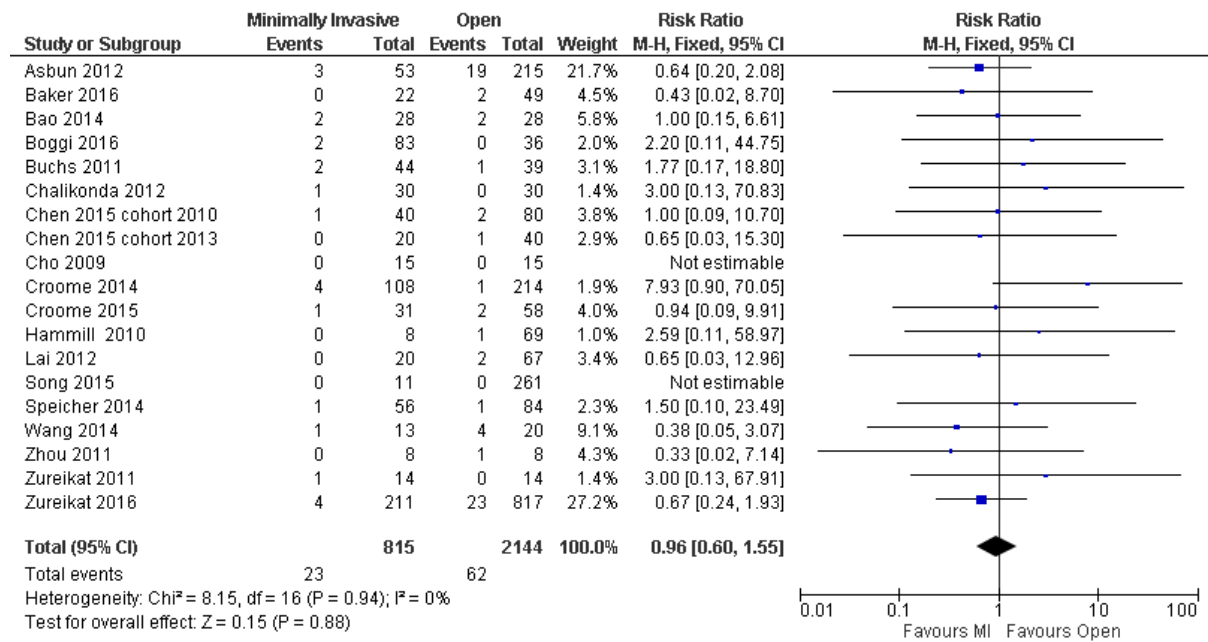
Figure 234: R1 resection rate (CRT then Surgery vs Surgery)



H.13₁ Resectable and borderline resectable pancreatic cancer

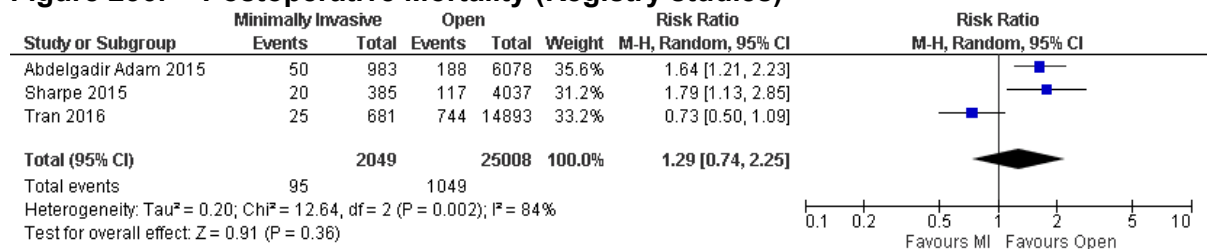
H.13.12 Minimally invasive (laparoscopic and robotic) pancreaticoduodenectomy 3 versus open pancreaticoduodenectomy

4 Figure 235: Postoperative Mortality (cohort studies)

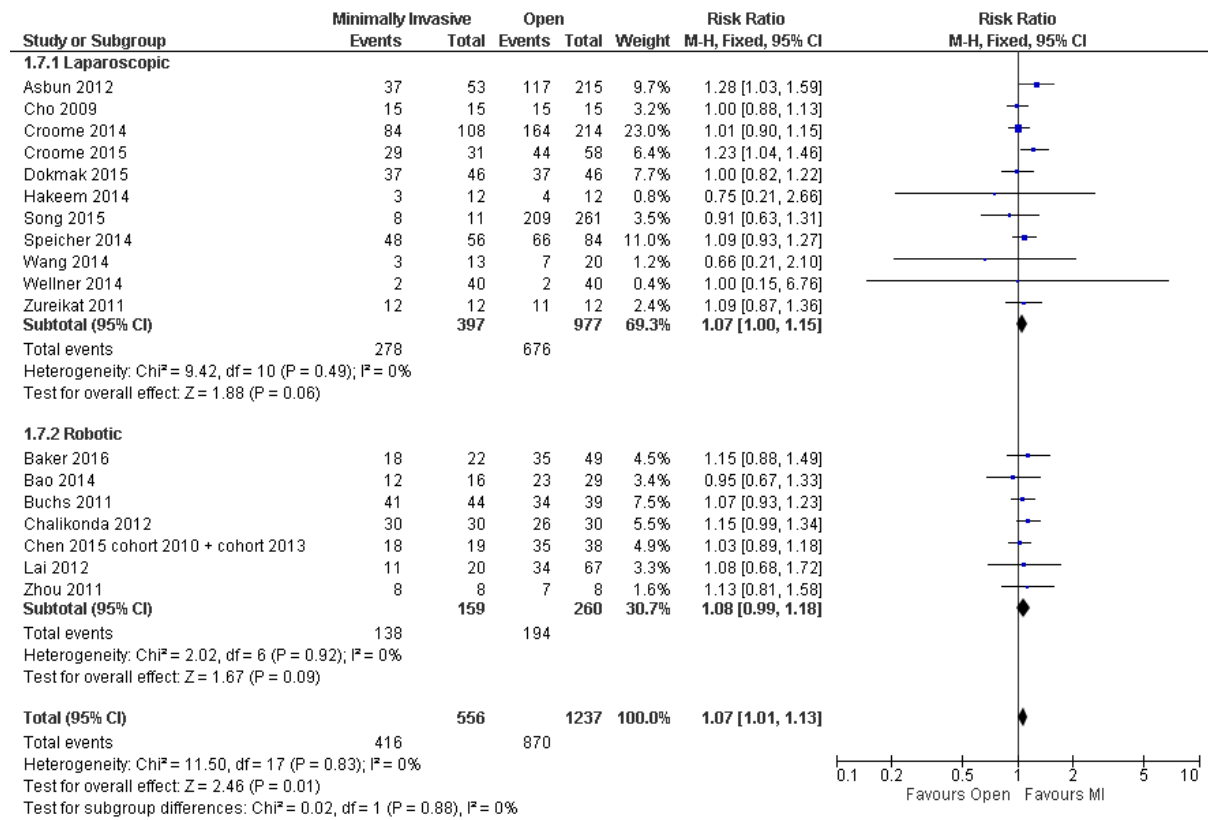


1

Figure 236: Postoperative Mortality (Registry studies)

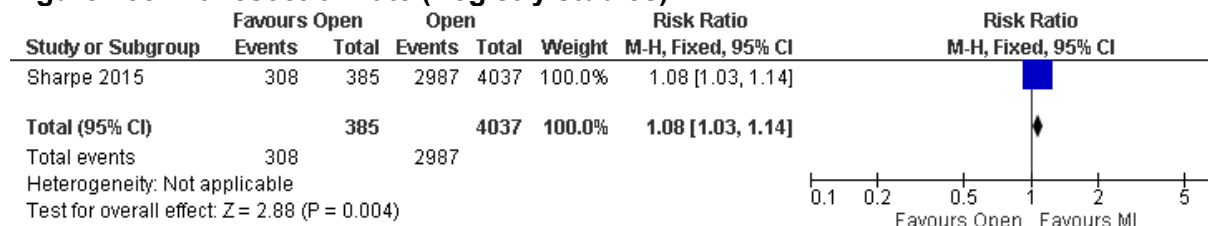


1 Figure 237: R0 resection rate (cohort studies)



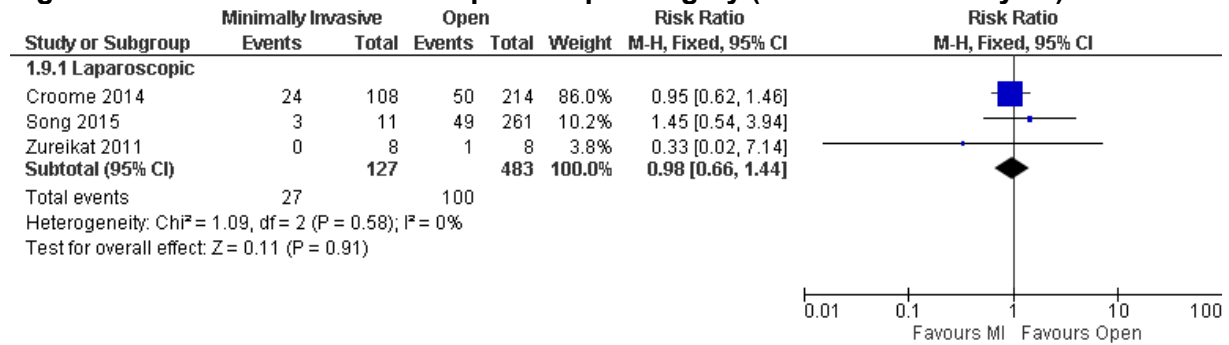
2

Figure 238: R0 resection rate (Registry studies)



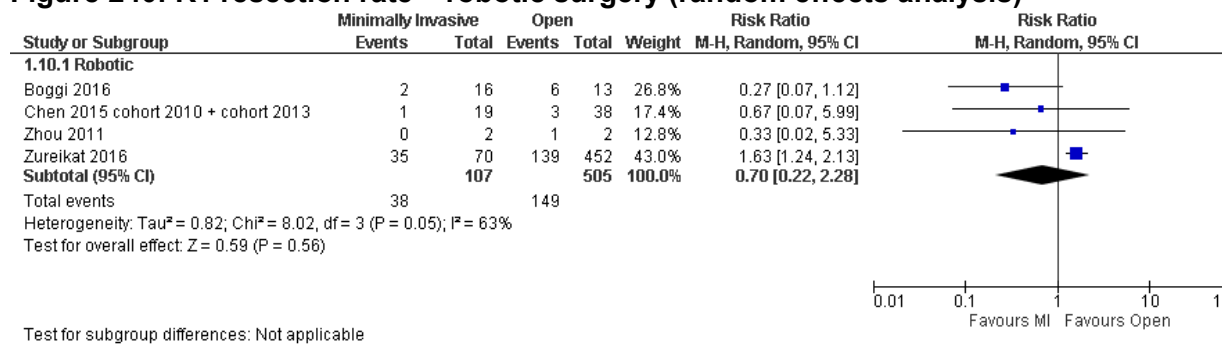
1

Figure 239: R1 resection rate – laparoscopic surgery (fixed effects analysis)



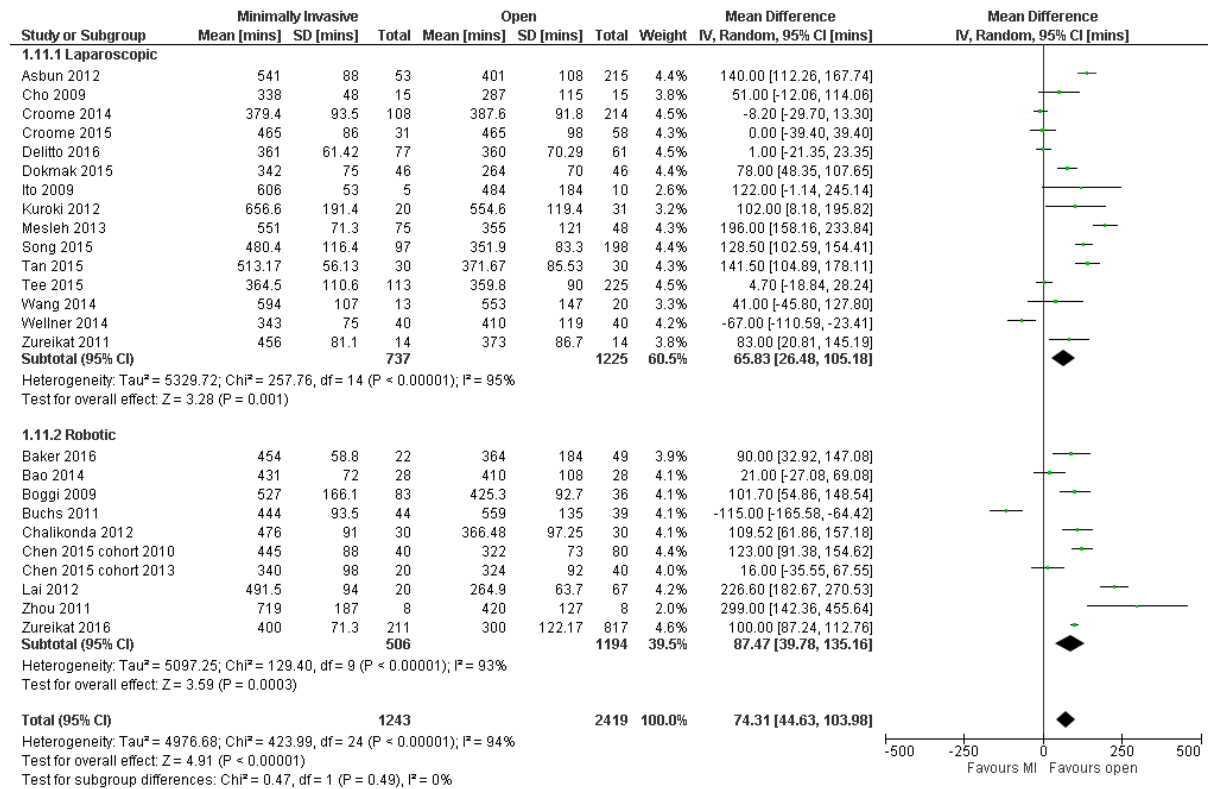
2

Figure 240: R1 resection rate – robotic surgery (random effects analysis)



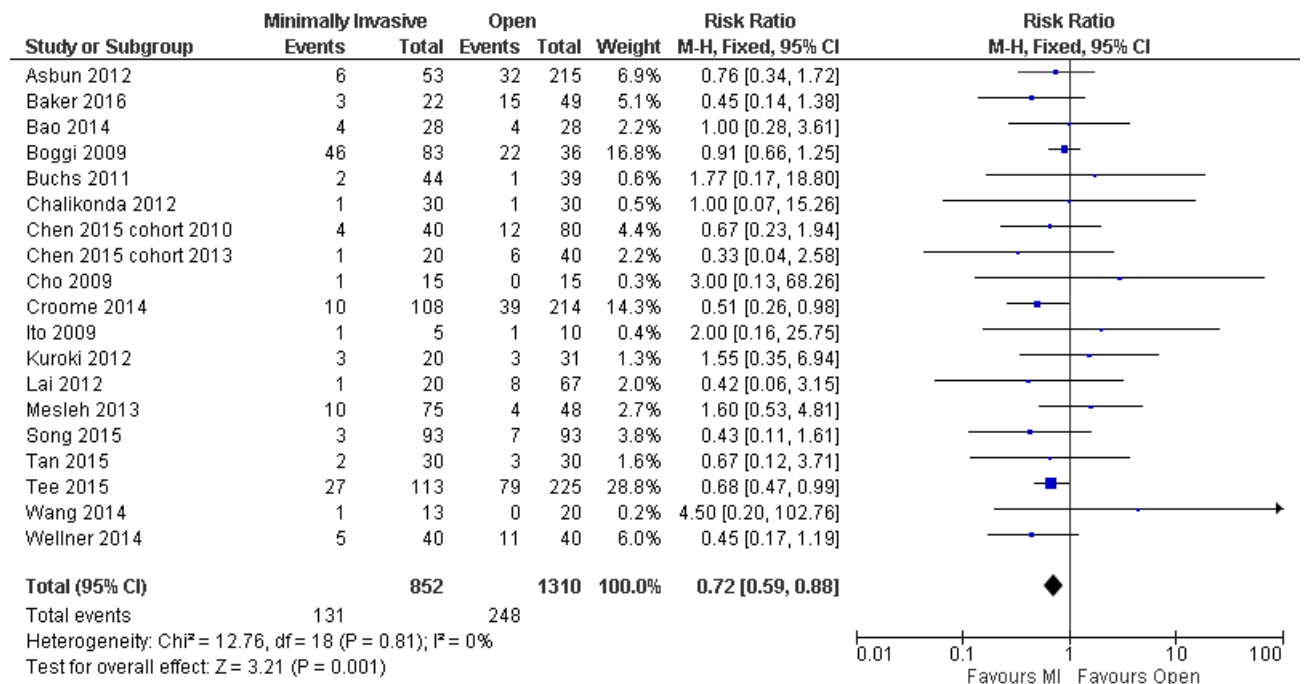
1

2 **Figure 241: Operation time (mins) (random effects analysis)**



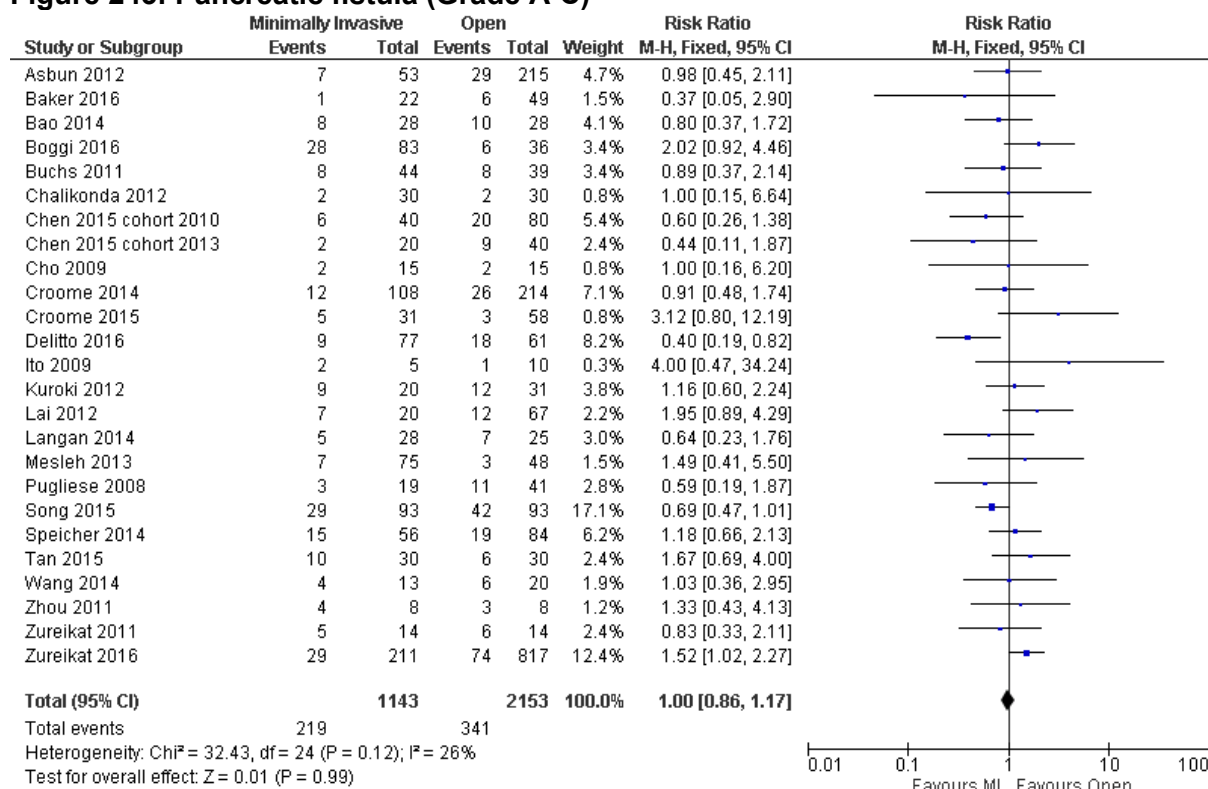
3

4 **Figure 242: Delayed Gastric Emptying**



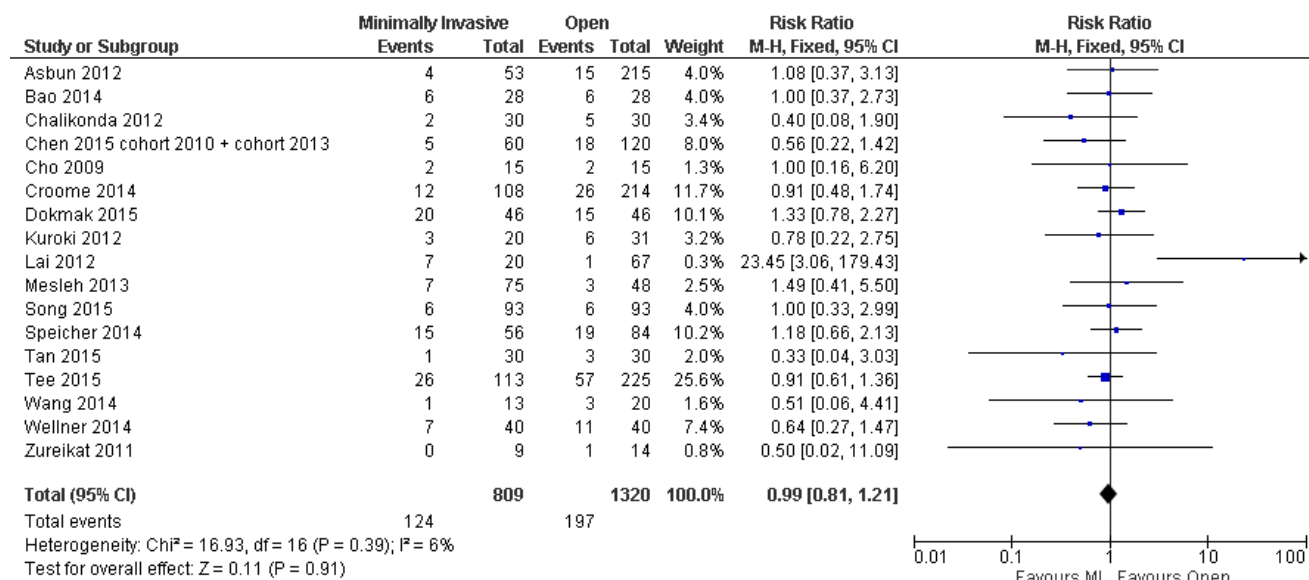
5

Figure 243: Pancreatic fistula (Grade A-C)



1

2 Figure 244: Pancreatic Fistula – Clinically relevant (Grade B-C)

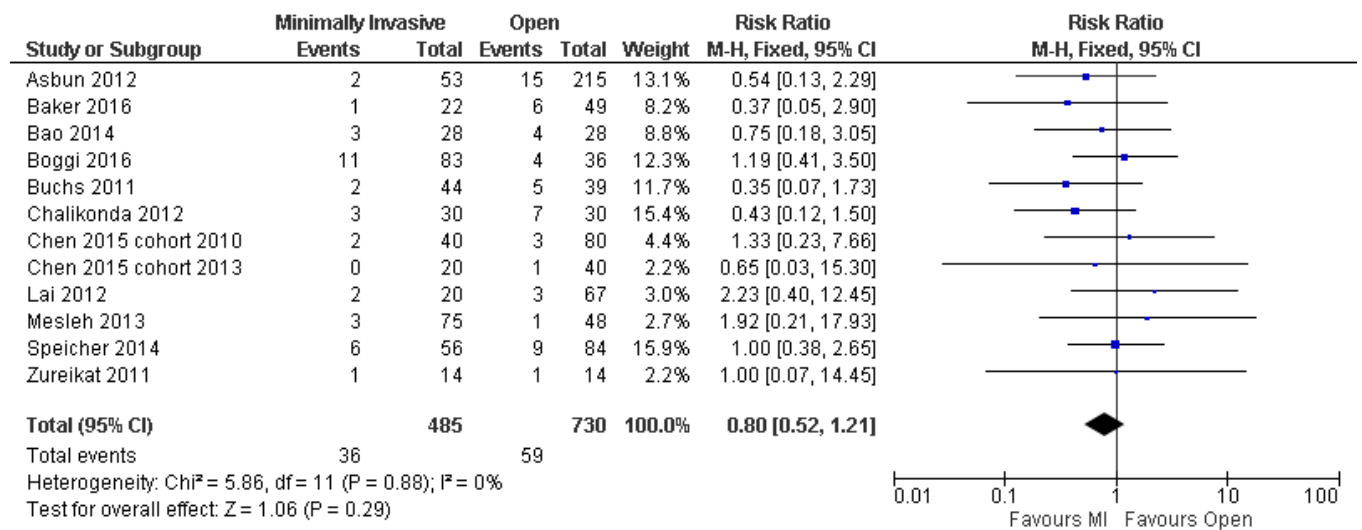


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4

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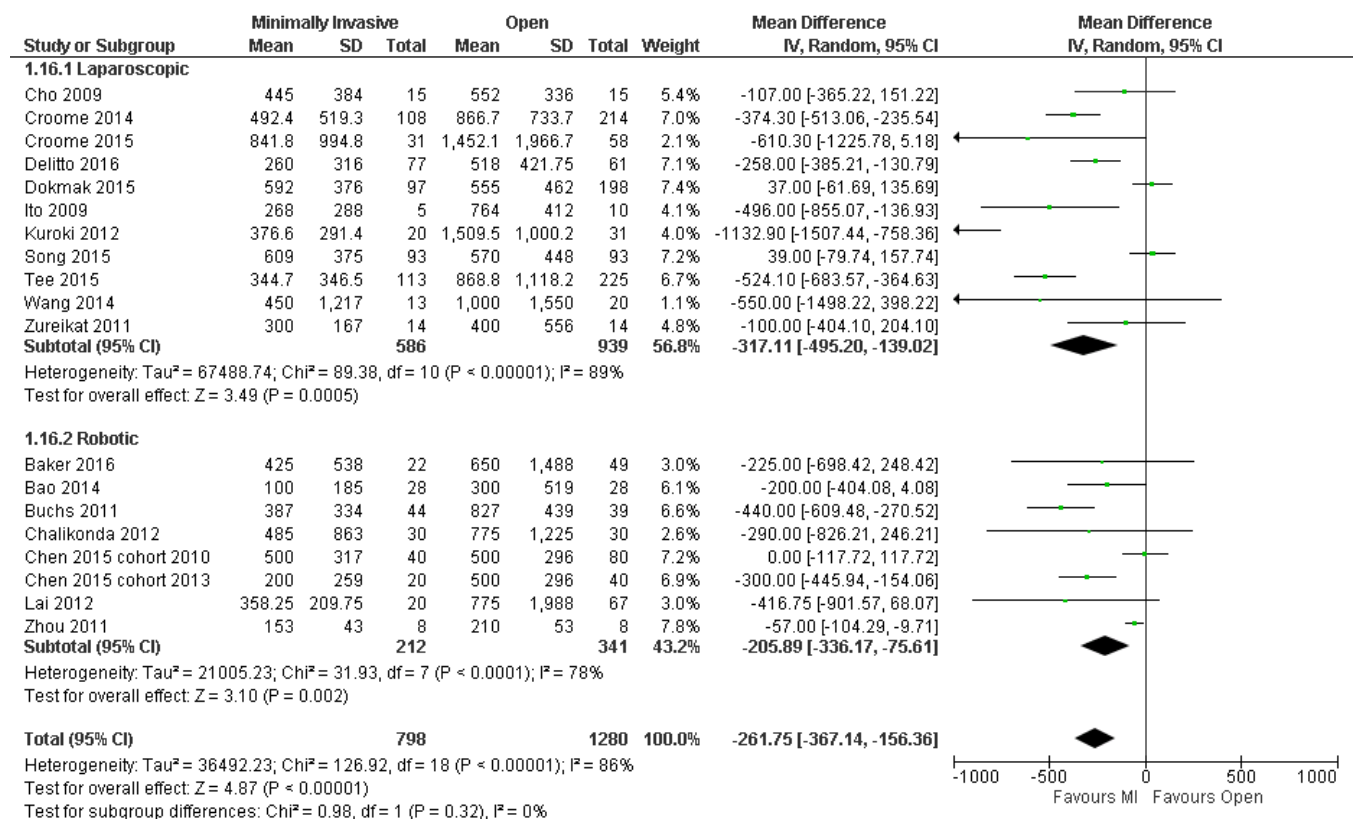
1 Figure 245: Reoperation



2

3

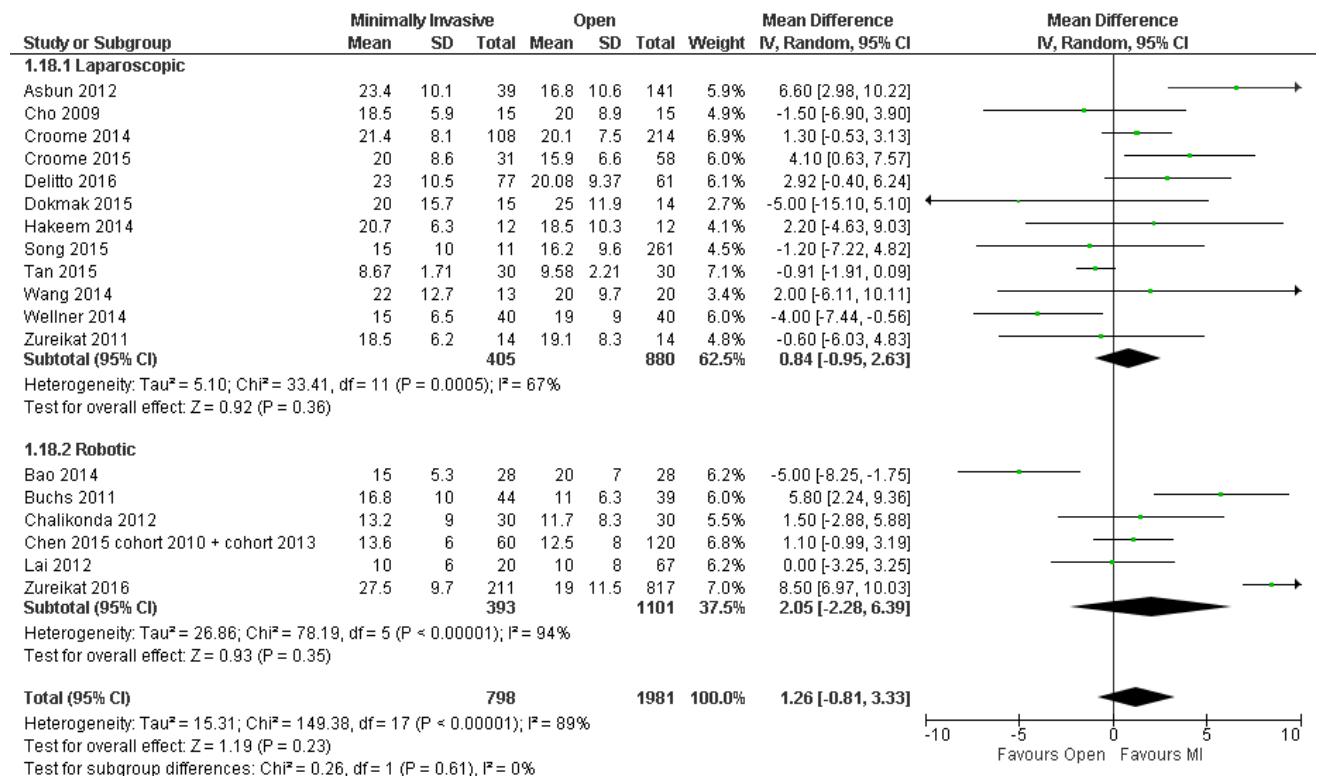
4 Figure 246: Blood Loss (mls) (random effects analysis)



5

6

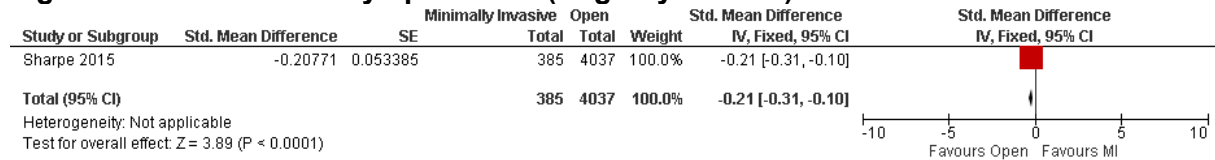
1 Figure 247: Retrieved Lymph Nodes (cohort studies) (random effects analysis)



2

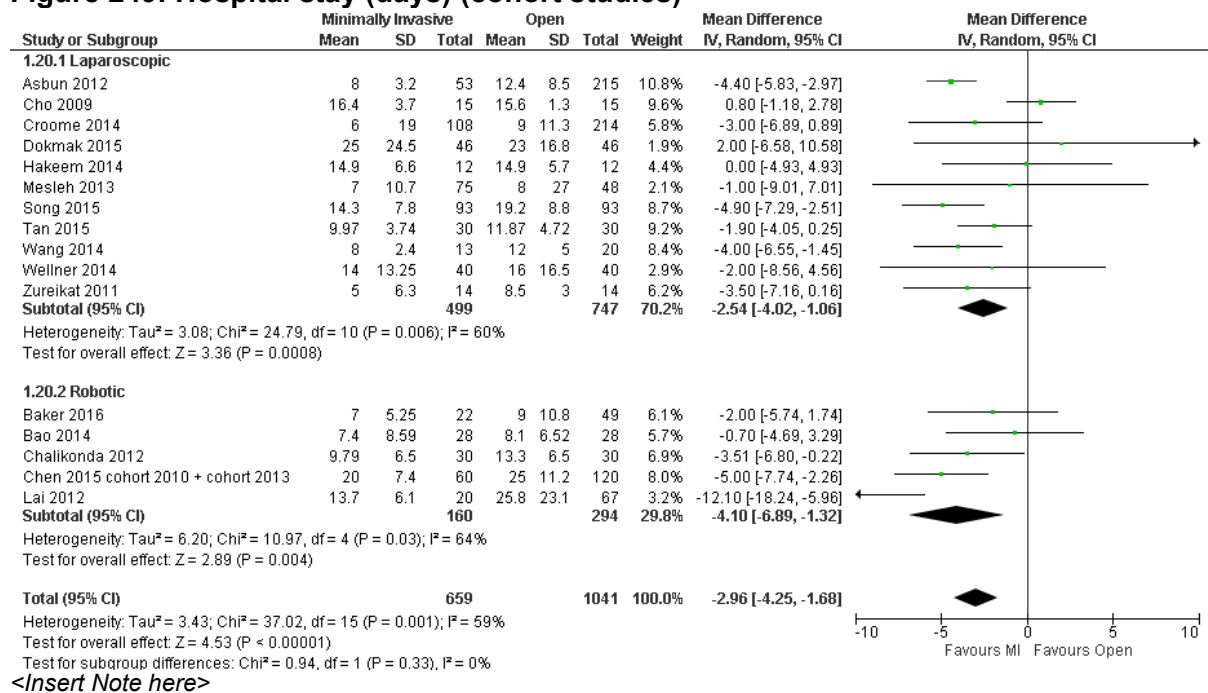
3

Figure 248: Retrieved Lymph Nodes (Registry studies)



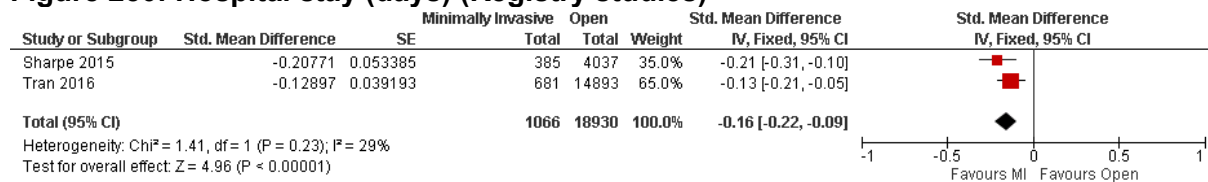
4

Figure 249: Hospital stay (days) (cohort studies)



1

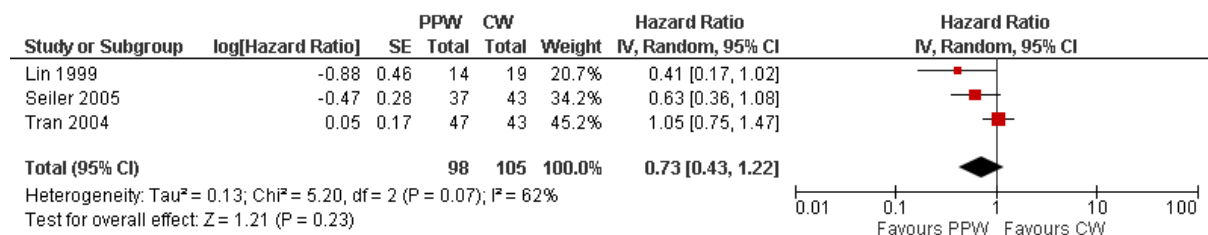
Figure 250: Hospital stay (days) (Registry studies)



2

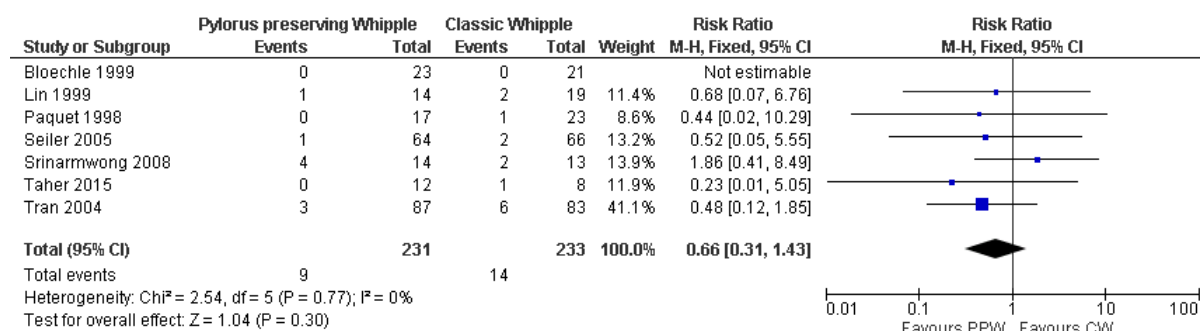
H.13.23 Pylorus preserving Whipple versus classic Whipple

4 Figure 251: Overall Survival (Pancreatic Head Carcinoma)



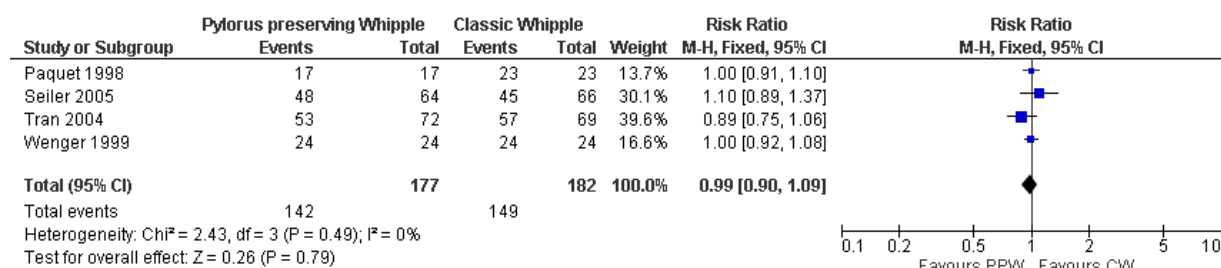
5

1 Figure 252: Postoperative Mortality



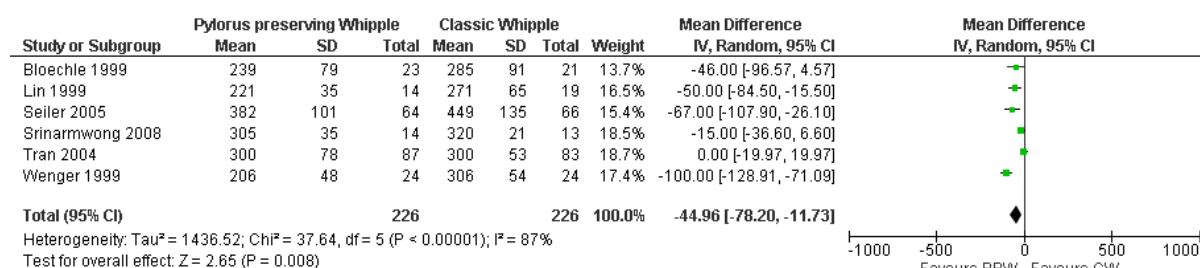
2

3 Figure 253: R0 Resection



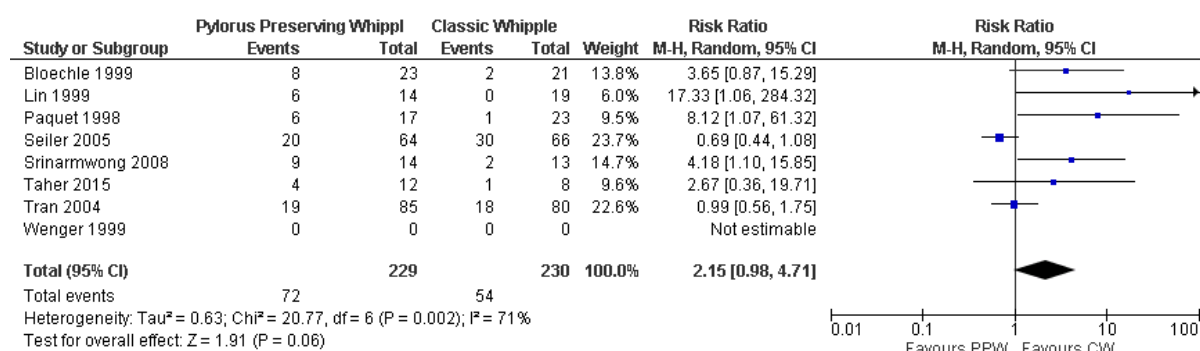
4

5 Figure 254: Operation Time (Minutes)



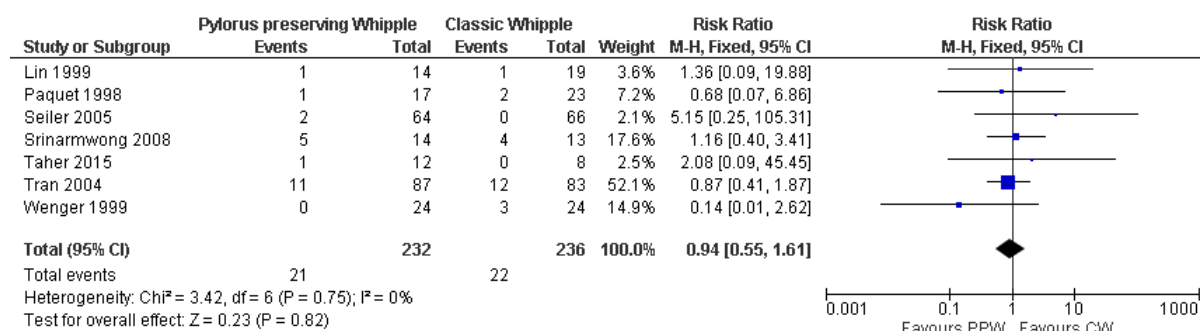
6

7 Figure 255: Delayed Gastric Emptying



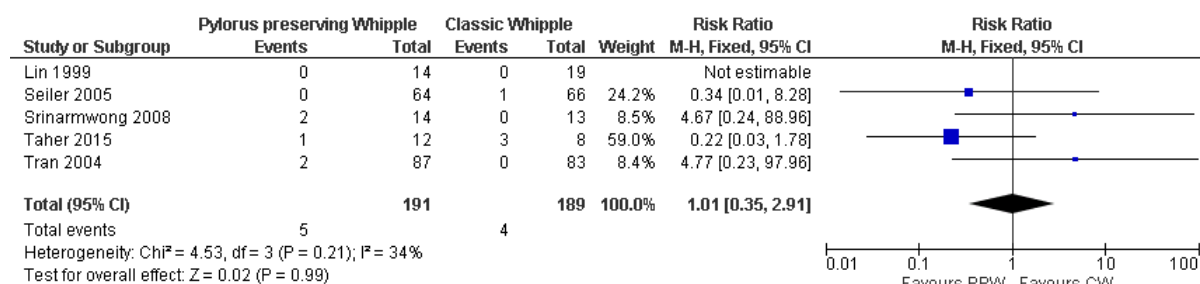
8

1 Figure 256: Pancreatic Fistula



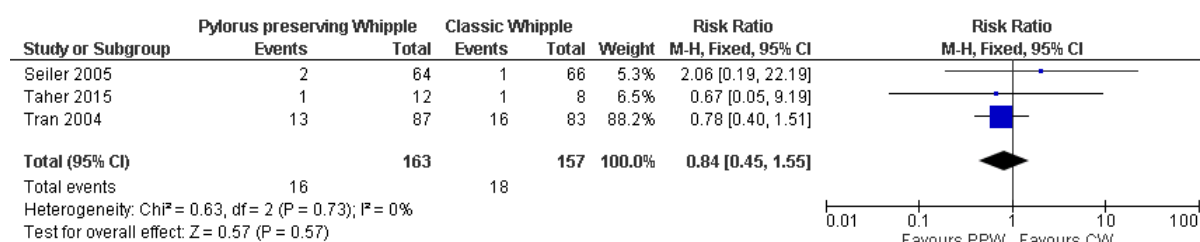
2

3 Figure 257: Biliary Leakage



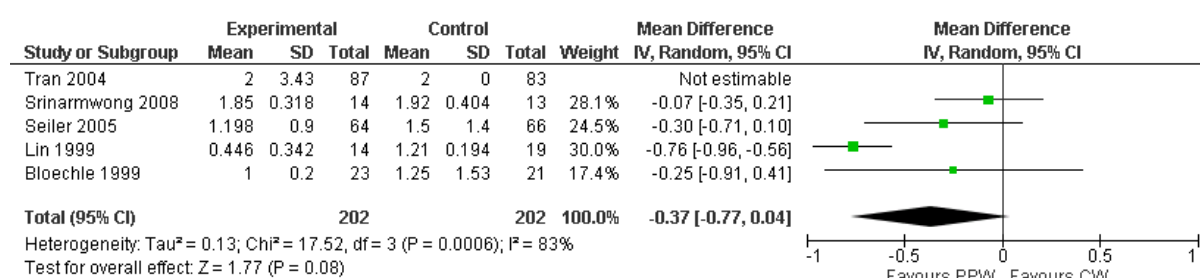
4

5 Figure 258: Reoperation rate



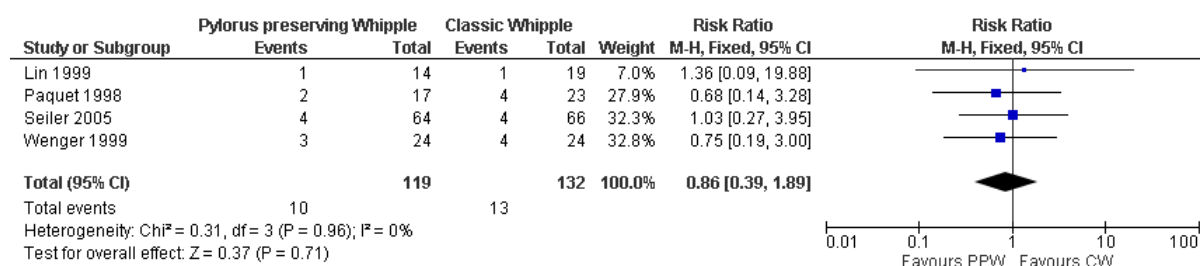
6

7 Figure 259: Intraoperative Blood Loss (litres)



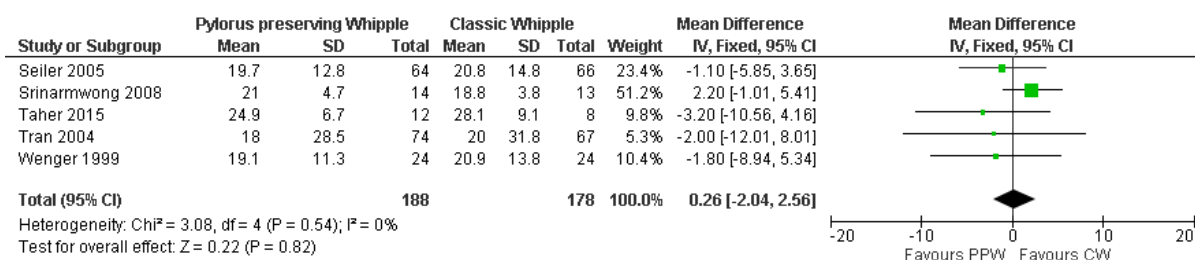
8

9 Figure 260: Surgical site Infection



10

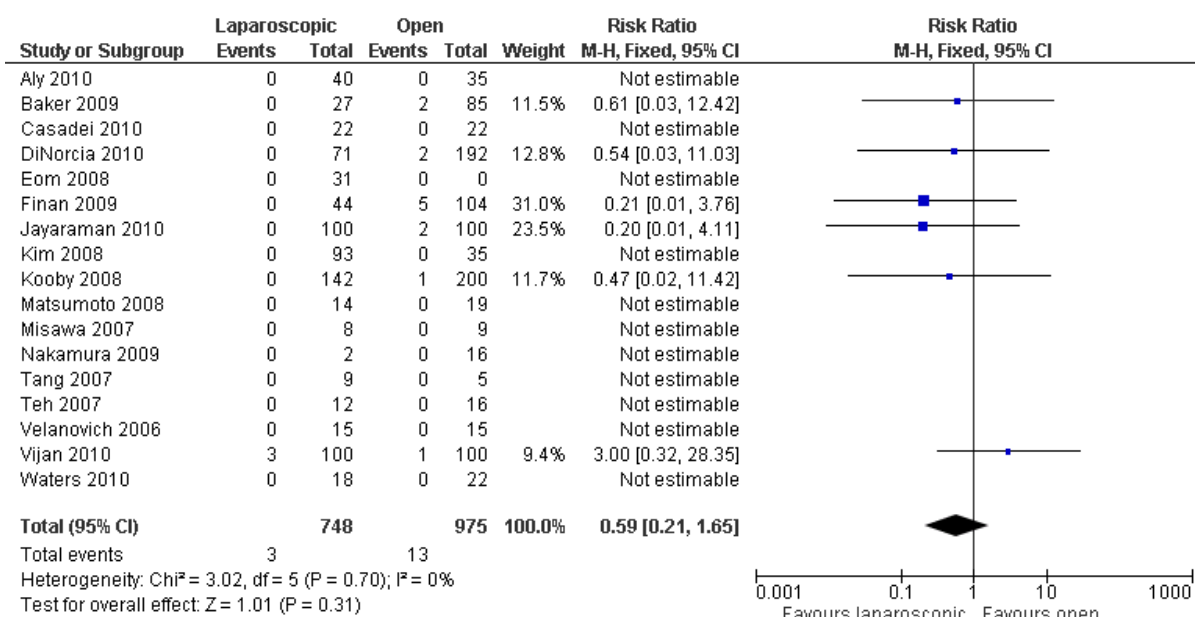
1 Figure 261: Hospital Stay (days)



2

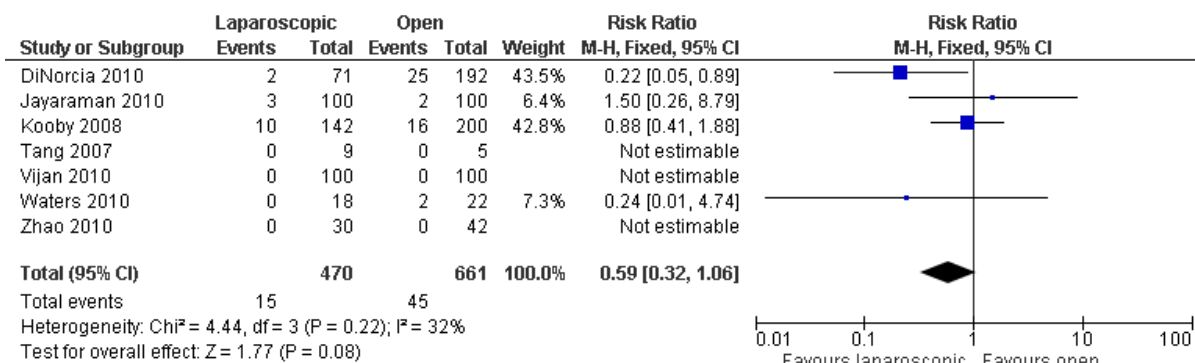
H.13.33 Minimally invasive laparoscopic distal pancreatectomy versus open pancreatectomy

5 Figure 262: Mortality



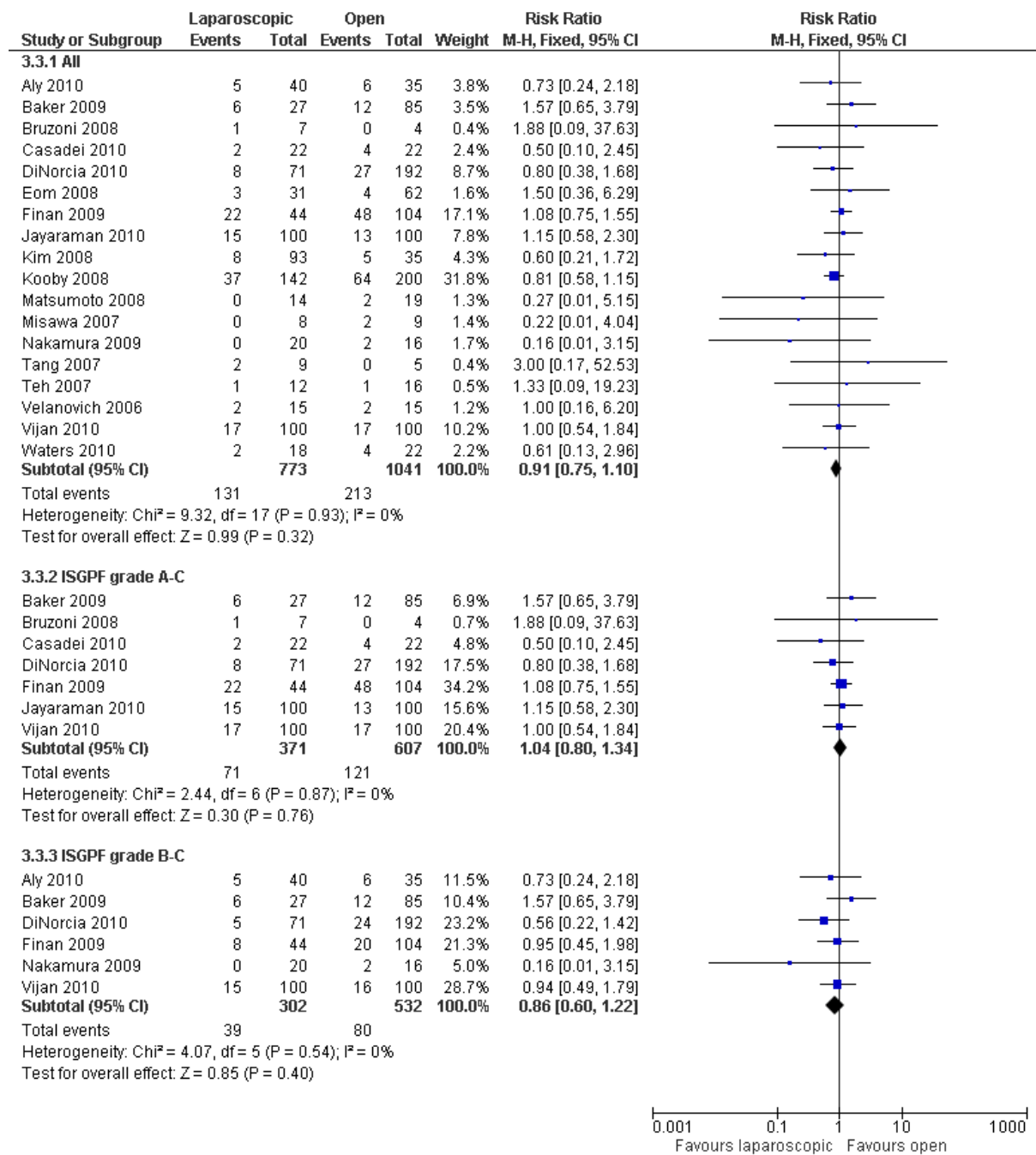
6

7 Figure 263: Positive Margins



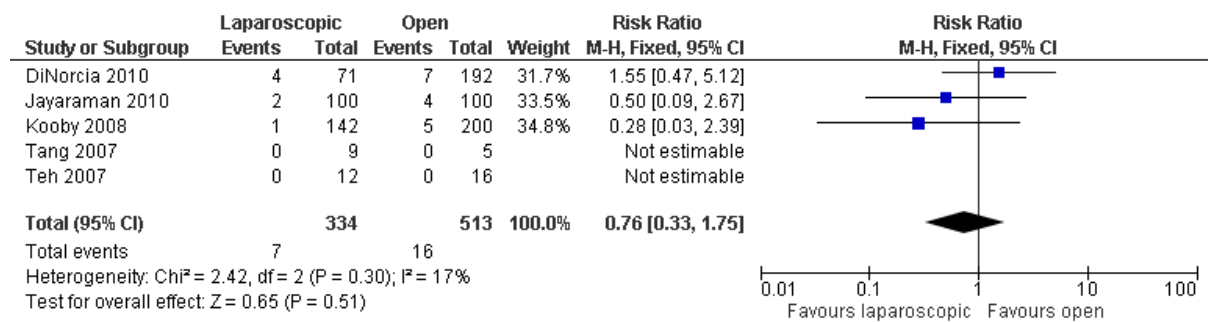
8

1 Figure 264: Pancreatic Fistula



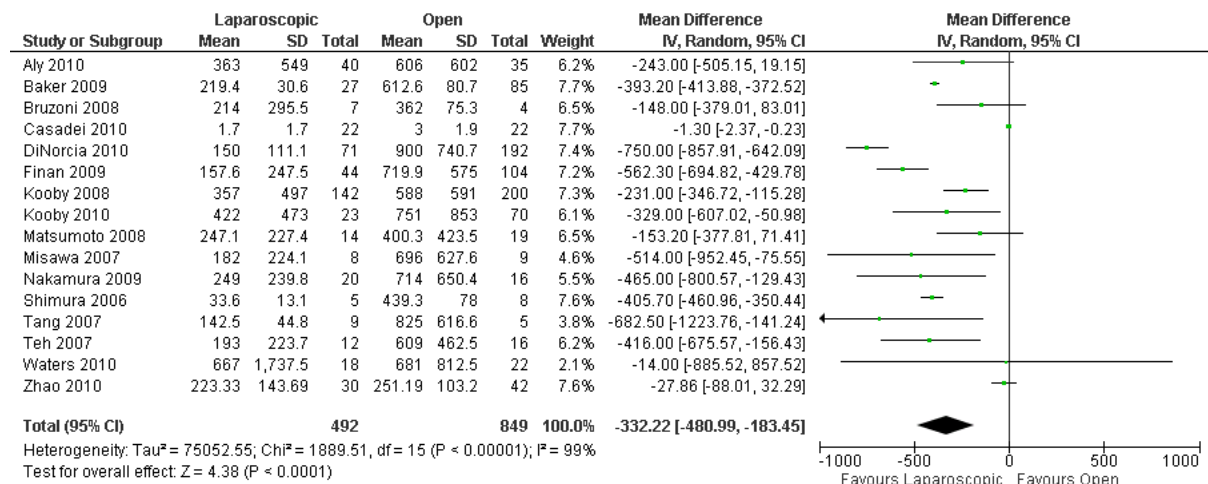
2

3 Figure 265: Reoperation



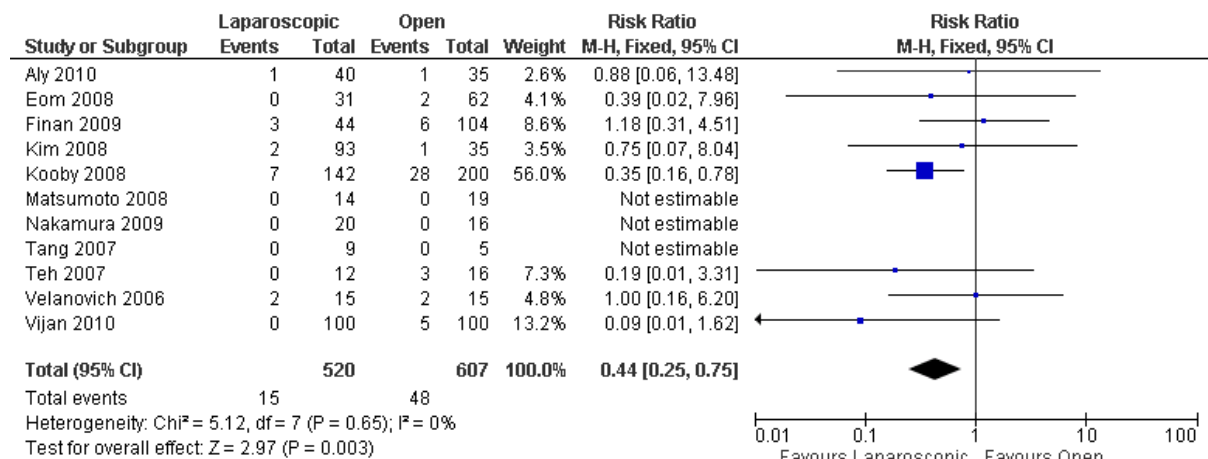
4

1 **Figure 266: Blood Loss (mls)**



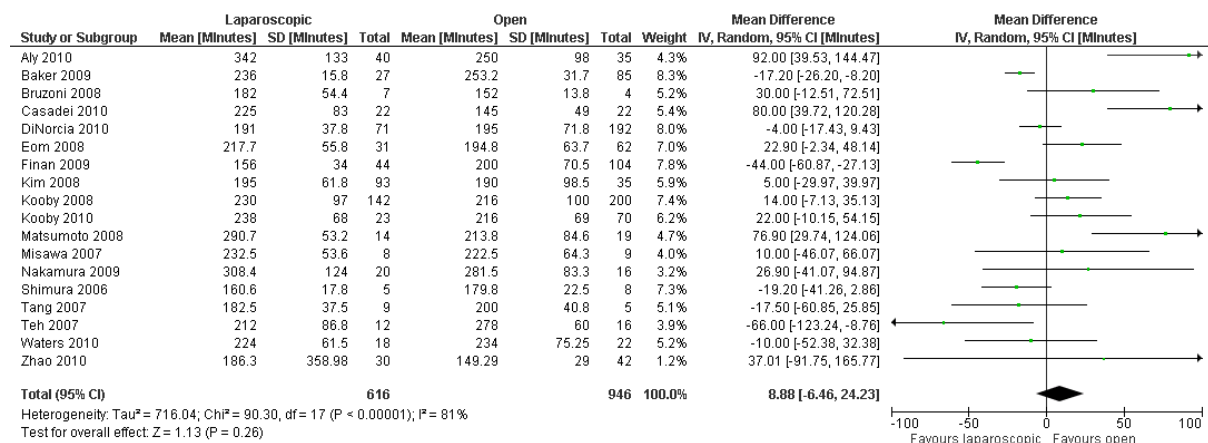
2

3 **Figure 267: Surgical Site Infection**



4

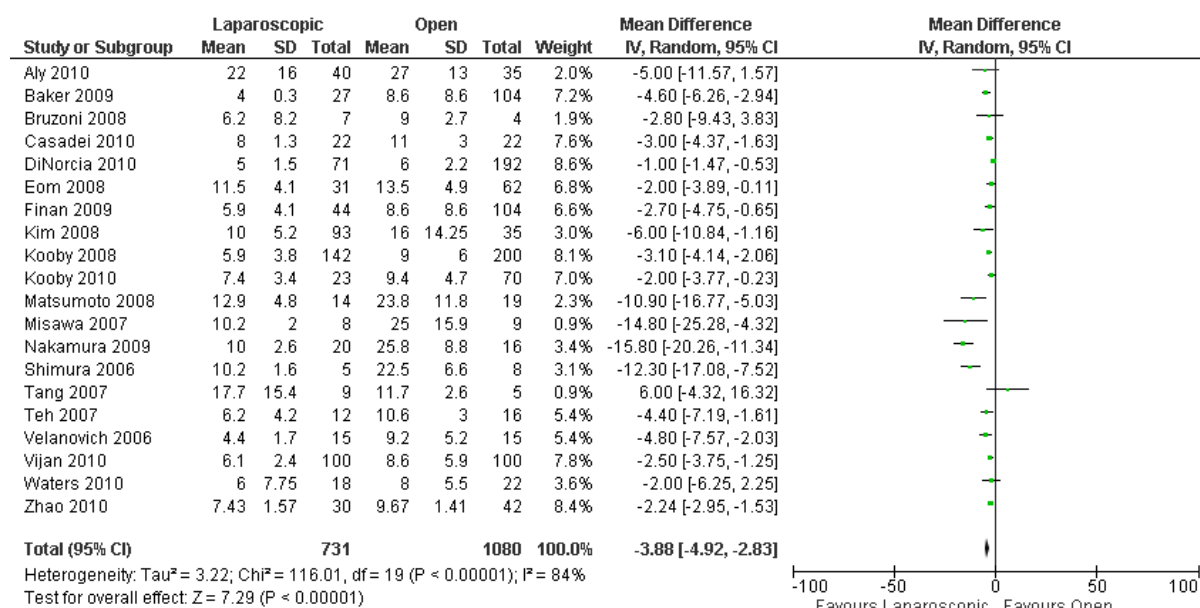
5 **Figure 268: Operation Time (mins)**



6

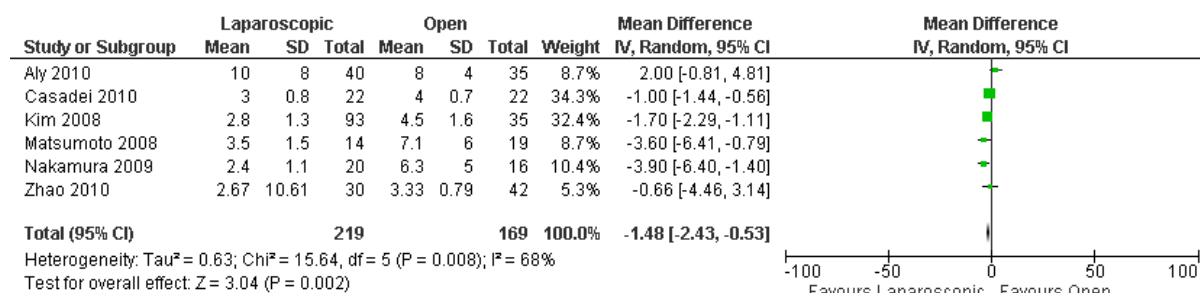
7

1 Figure 269: Length of hospital stay



2

3 Figure 270: Time to oral intake

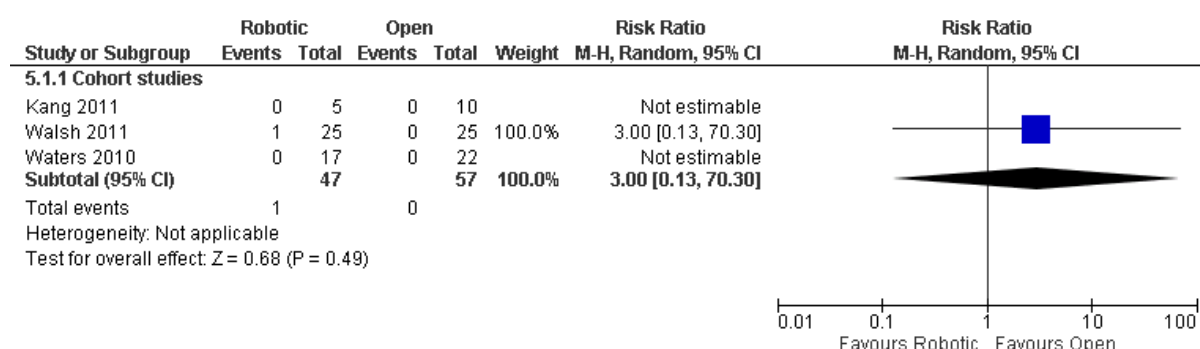


4

5

H.13.46 Minimally invasive robotic pancreatectomy versus open pancreatectomy

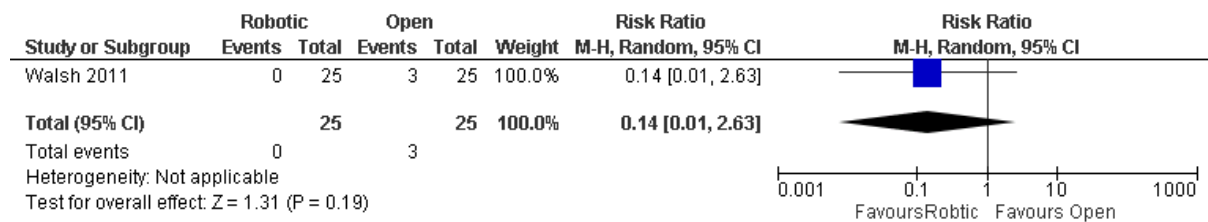
7 Figure 271: Postoperative Mortality



8

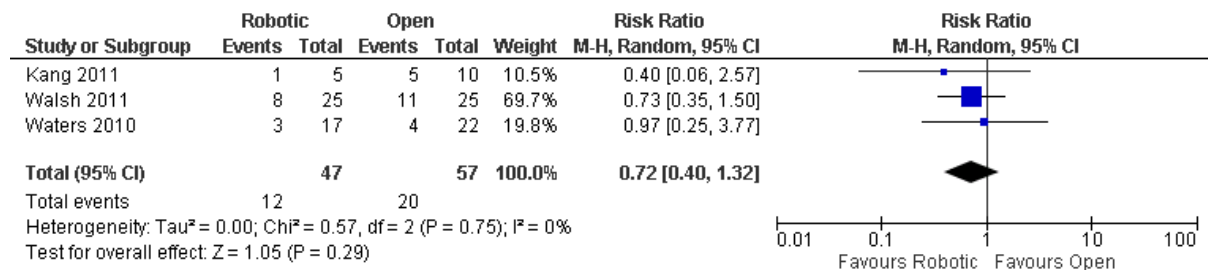
Test for subgroup differences: Not applicable

1 **Figure 272: Positive Margin Rate**



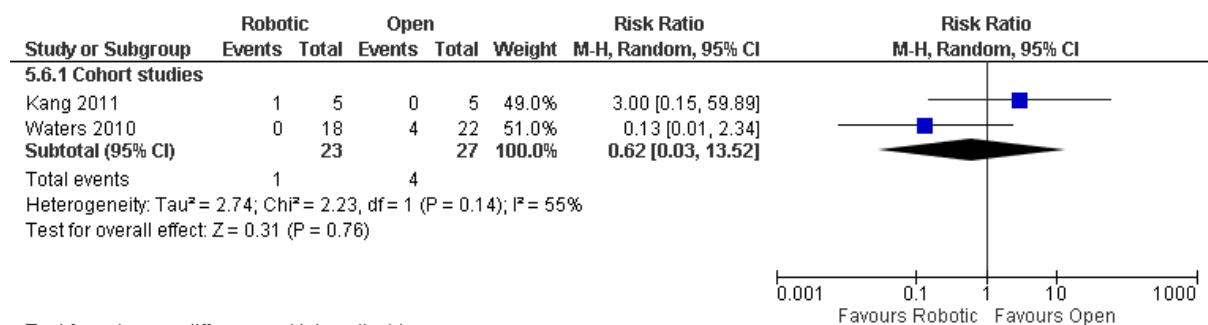
2

3 **Figure 273: Overall complication rate**



4

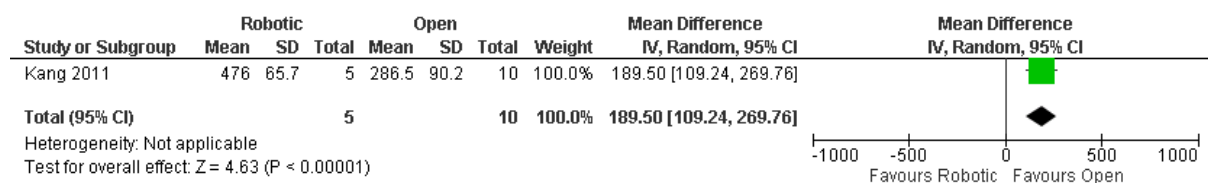
5 **Figure 274: Pancreatic Fistula**



6 Test for subgroup differences: Not applicable

7

8 **Figure 275: Operation time (mins)**



9

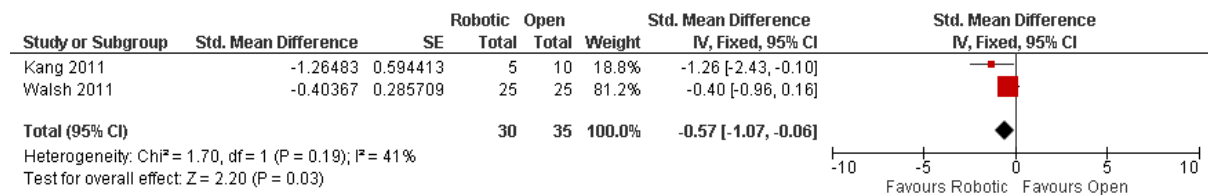
10 **Figure 276: Reoperation rate**



11

12

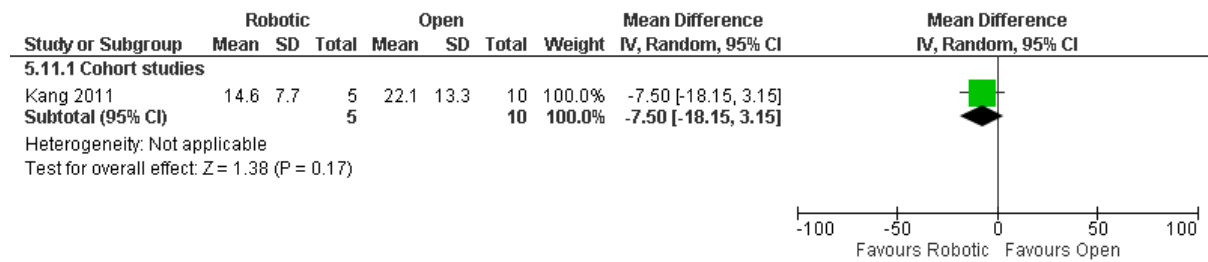
1 Figure 277: Blood loss (mls)



2

3

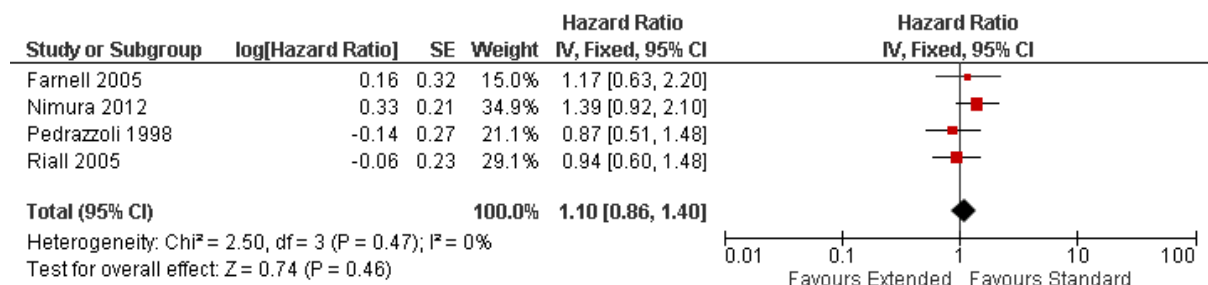
4 Figure 278: Length of hospital stay (days)



5

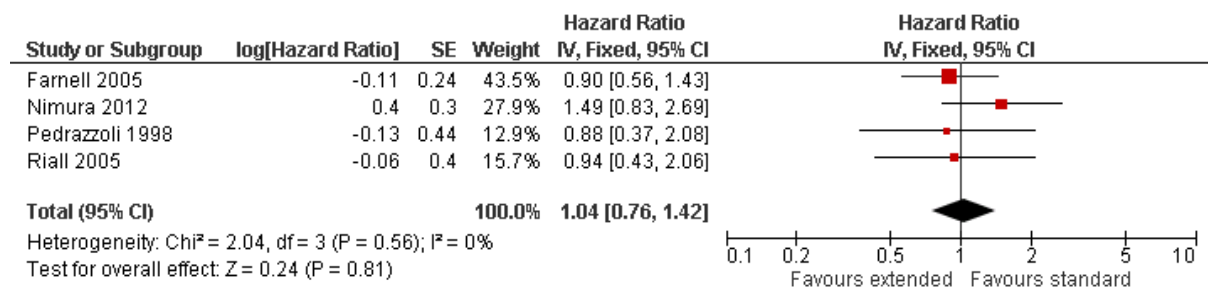
H.13.56 Extended lymphadenectomy versus standard lymphadenectomy

7 Figure 279: Overall Survival



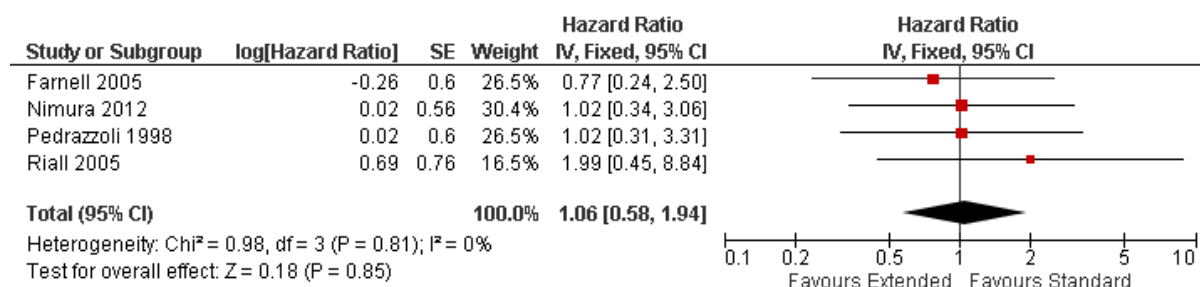
8

9 Figure 280: Lymph Node Positive



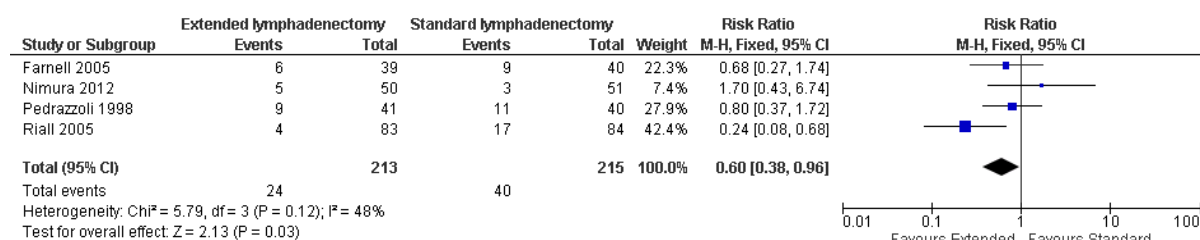
10

1 Figure 281: Lymph Node Negative



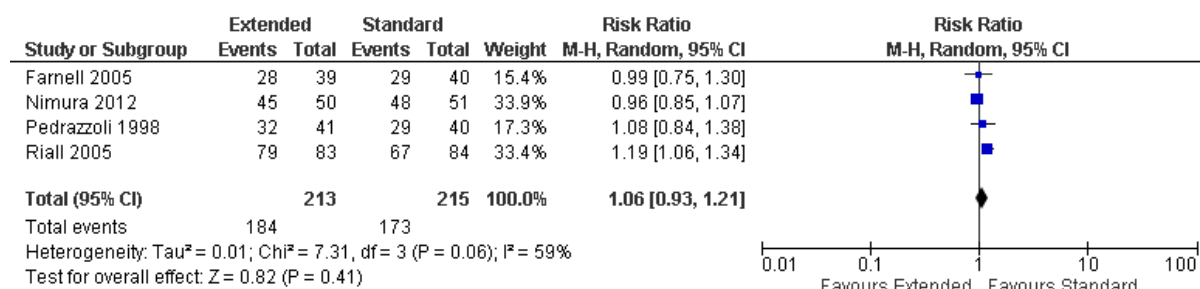
2

3 Figure 282 Positive Margins



4

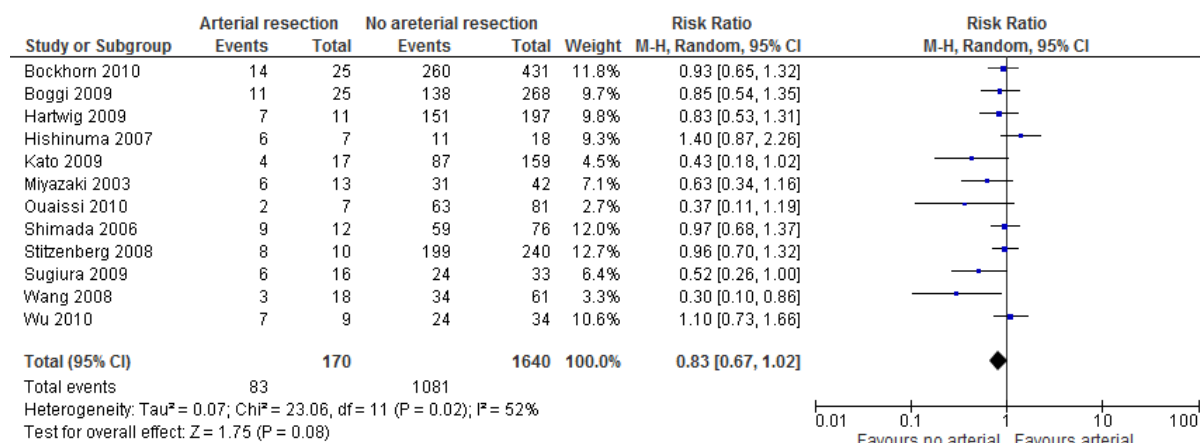
5 Figure 283: Negative Margins



6

H.13.67 Arterial resection versus no arterial resection

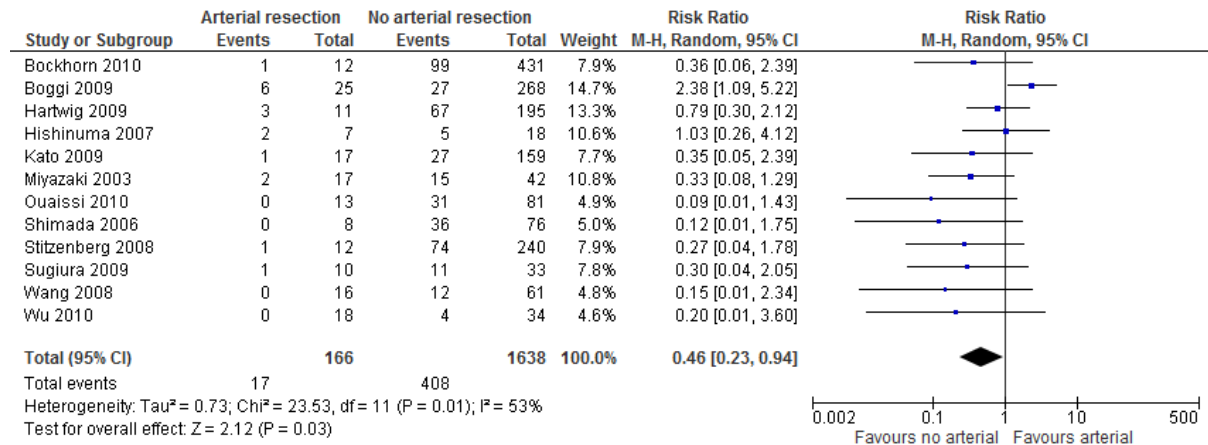
8 Figure 284: 1-year Overall Survival



9

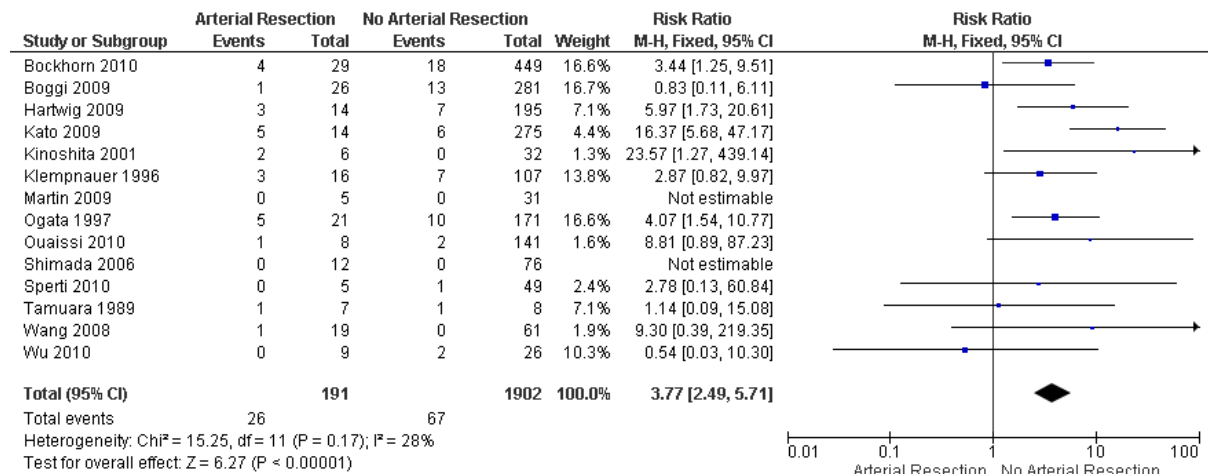
1

2 **Figure 285: 3-Year Overall Survival**



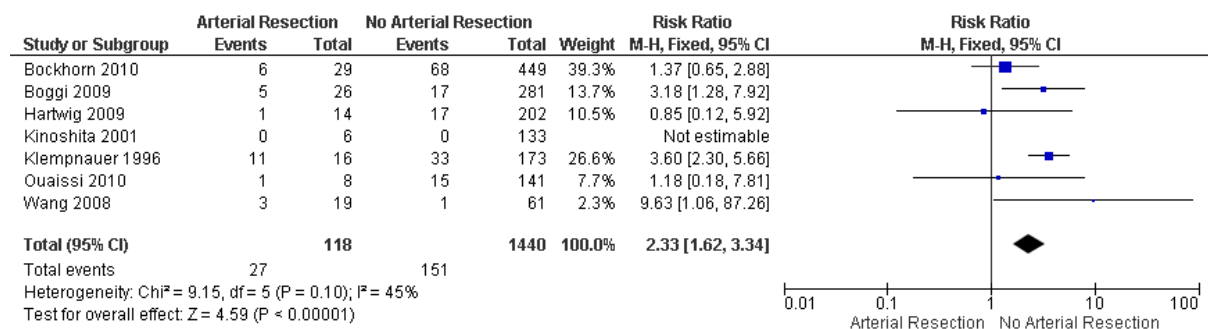
3

4 **Figure 286: Post-operative Mortality**



5

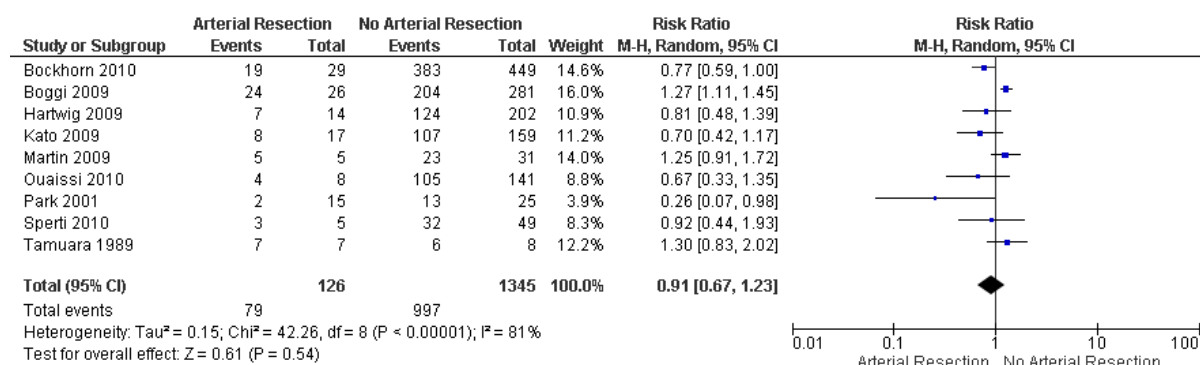
6 **Figure 287: Reoperation Rate**



7

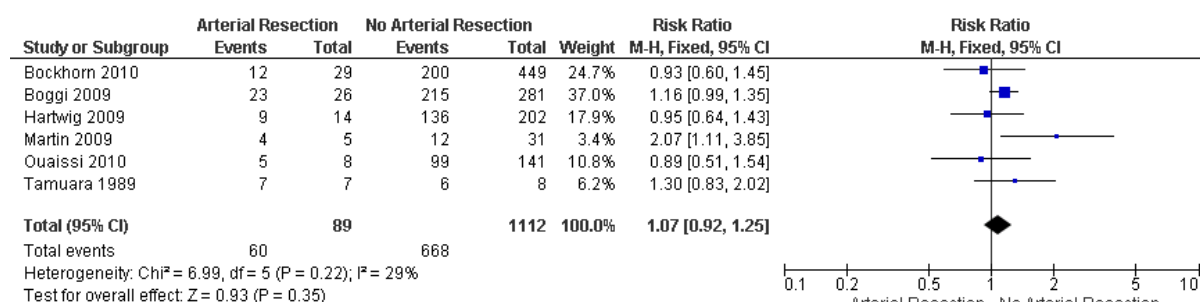
8

1 Figure 288: R0 Resection Rate



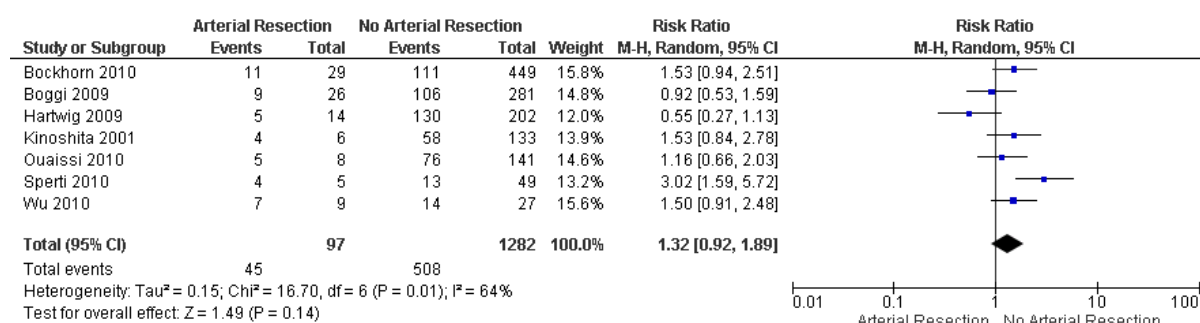
2

3 Figure 289: Lymph Node Positive



4

5 Figure 290: Post-operative Morbidity

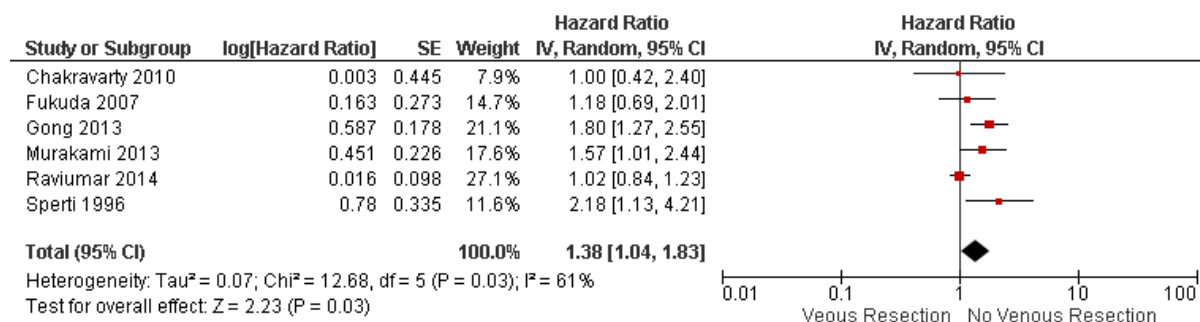


6

7

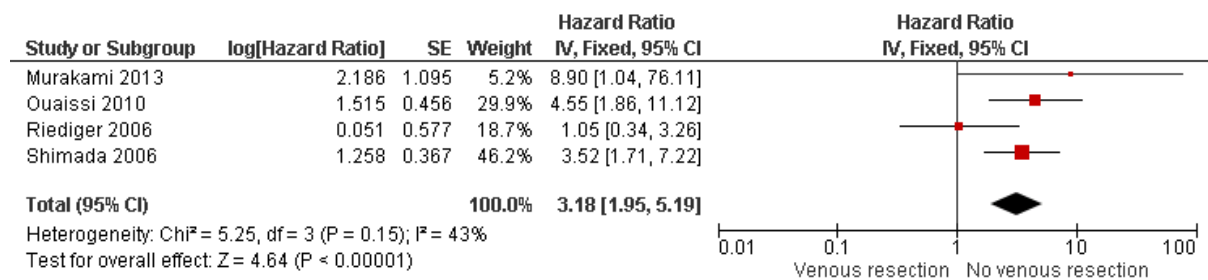
H.13.78 Venous resection versus no venous resection

9 Figure 291: 1-year overall survival



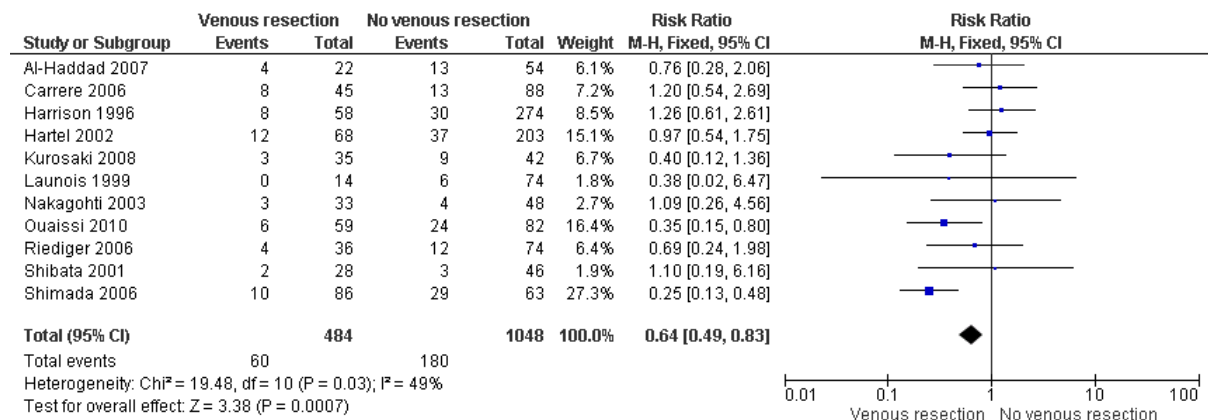
10

1 **Figure 292: 5-year overall survival**



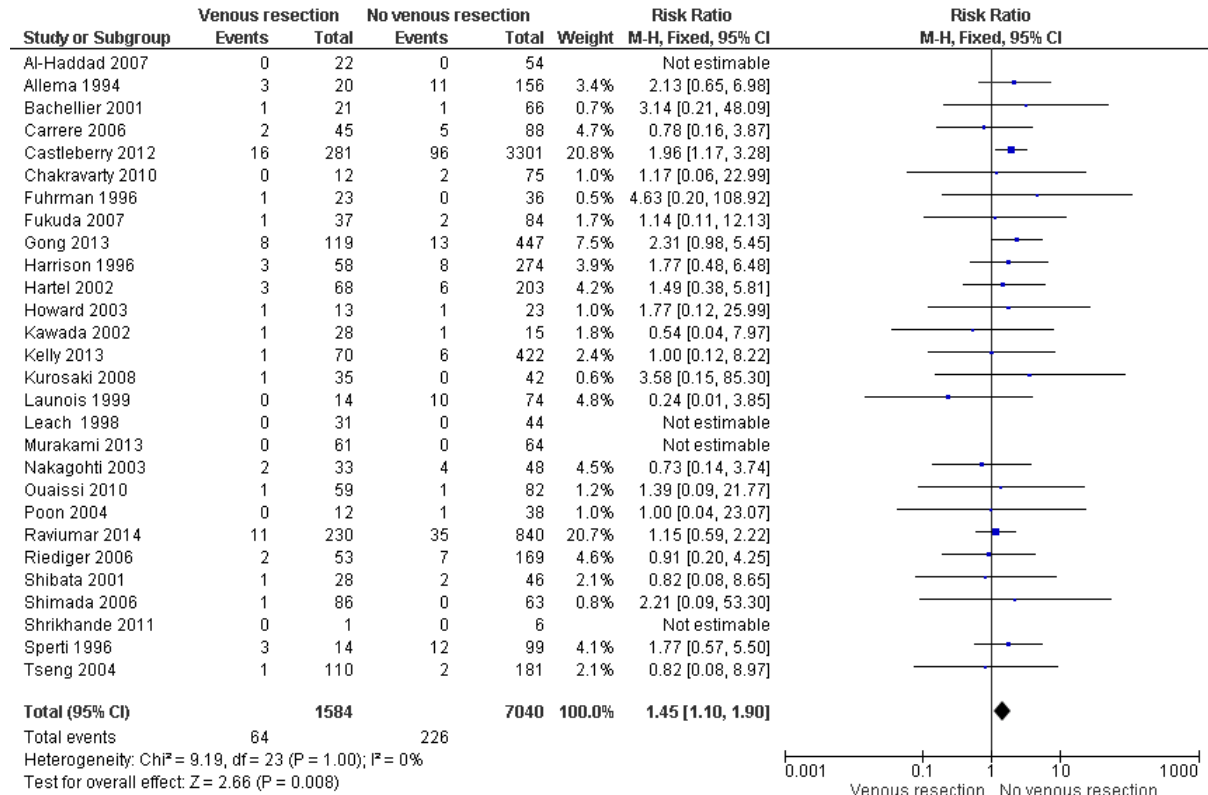
2

3 **Figure 293: 5-year overall survival (all survival data)**



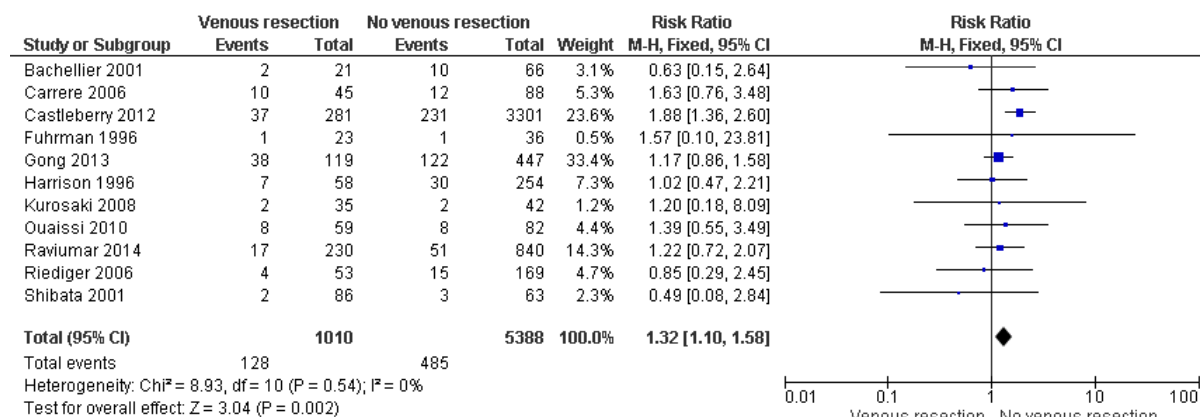
4

5 **Figure 294: Post-operative Mortality**



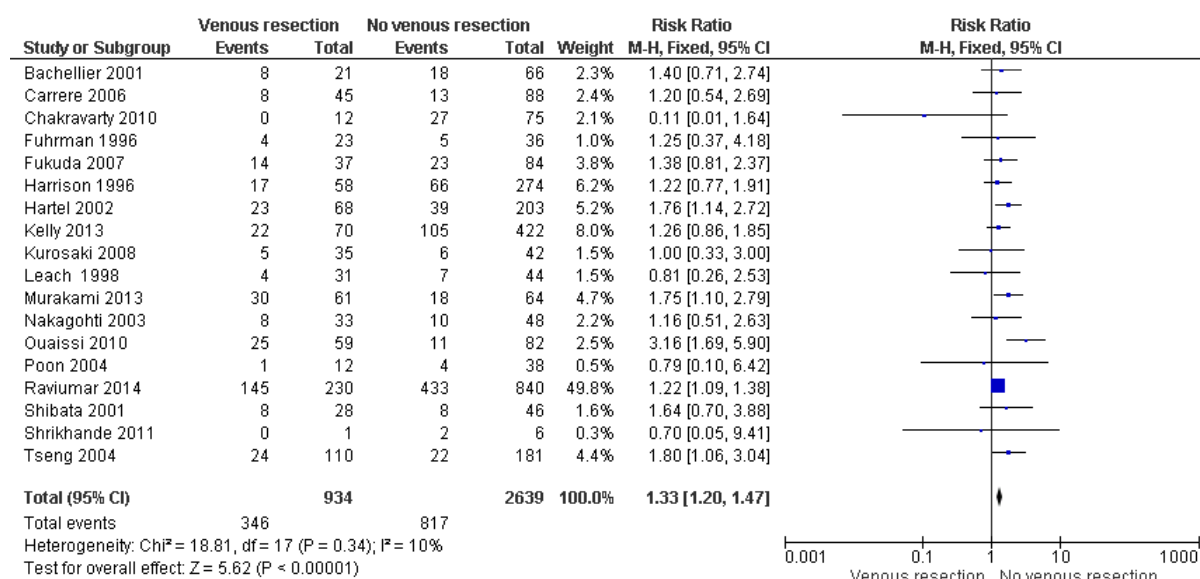
6

1 Figure 295: Reoperation Rate



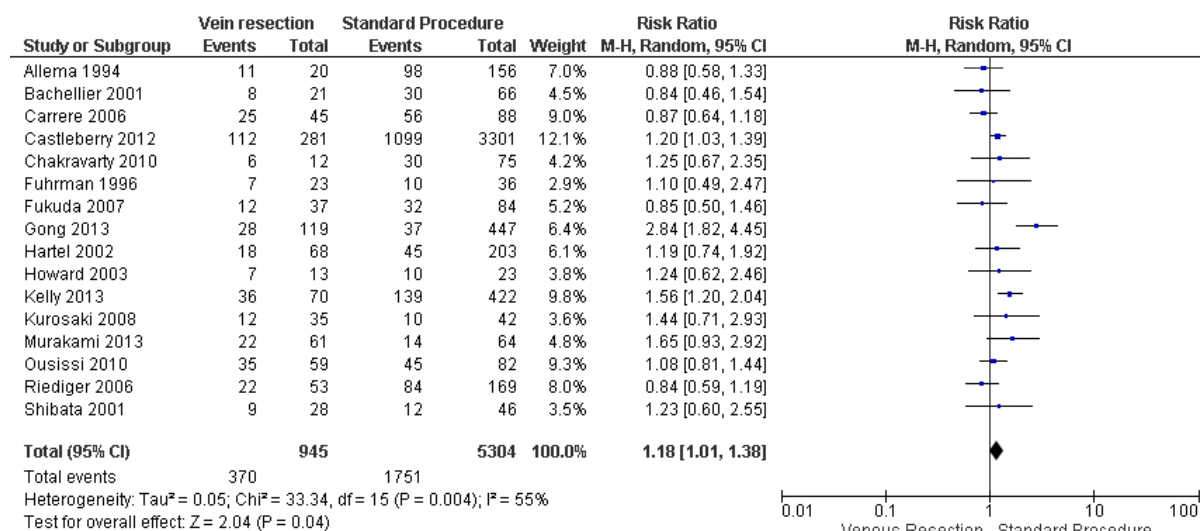
2

3 Figure 296: R1-R2 resection Rate



4

5 Figure 297: Overall post-operative morbidity

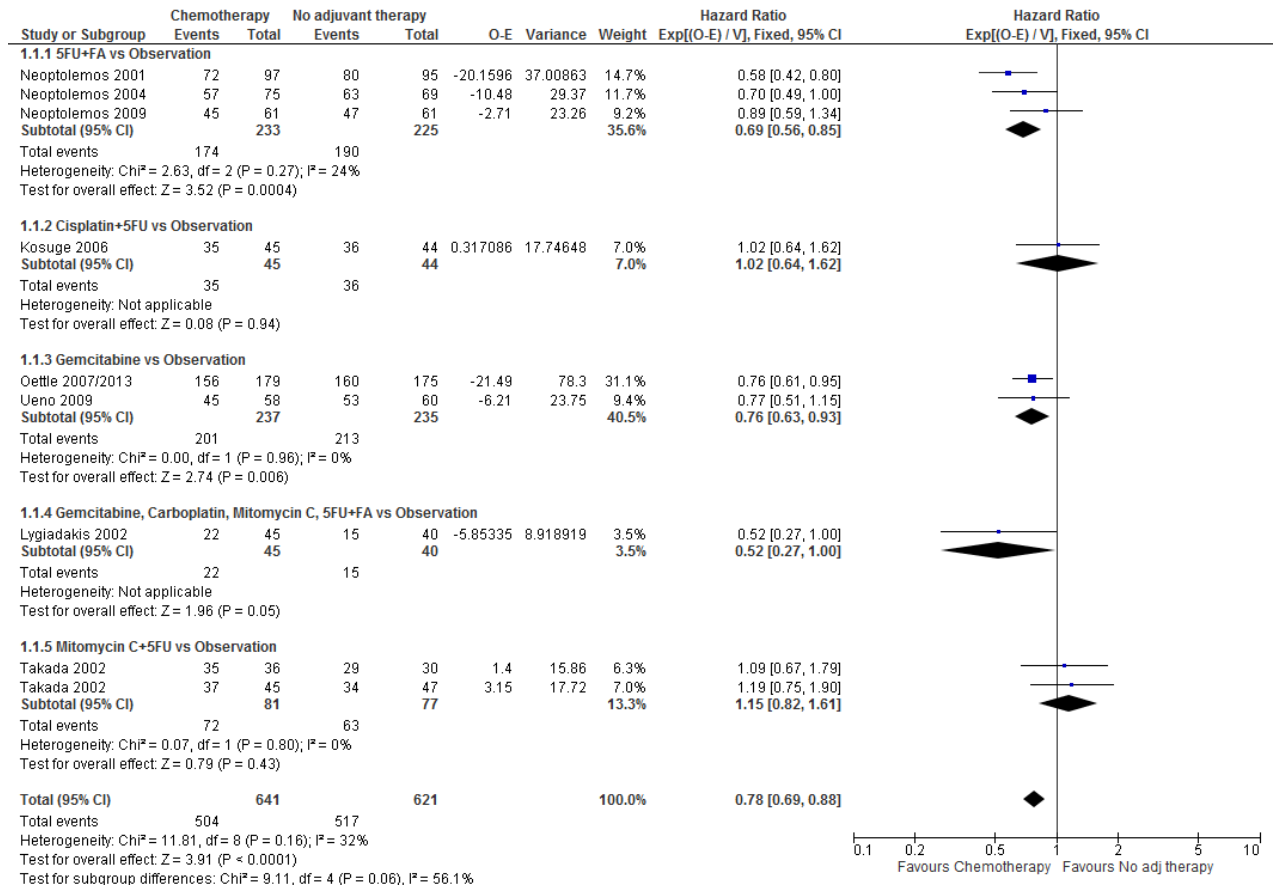


6

H.14.1 Adjuvant treatment

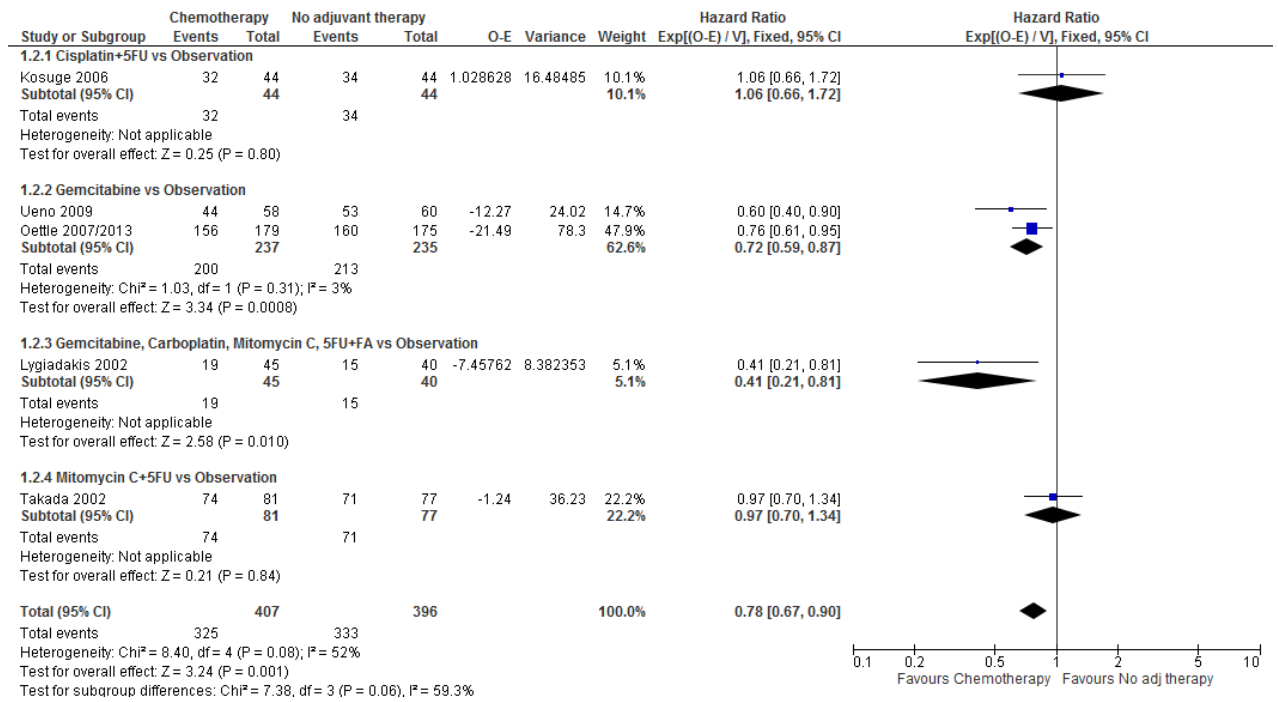
H.14.1.2 Adjuvant chemotherapy versus no adjuvant therapy in resected pancreatic cancer patients

4 Figure 298: Overall survival



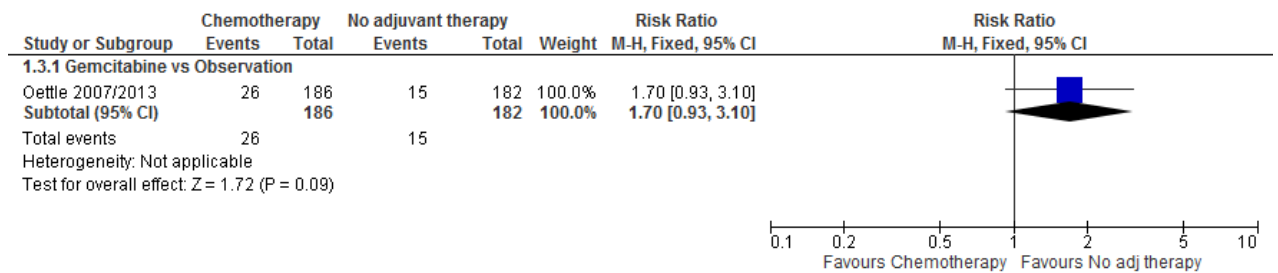
5

1 **Figure 299: Disease-free survival**



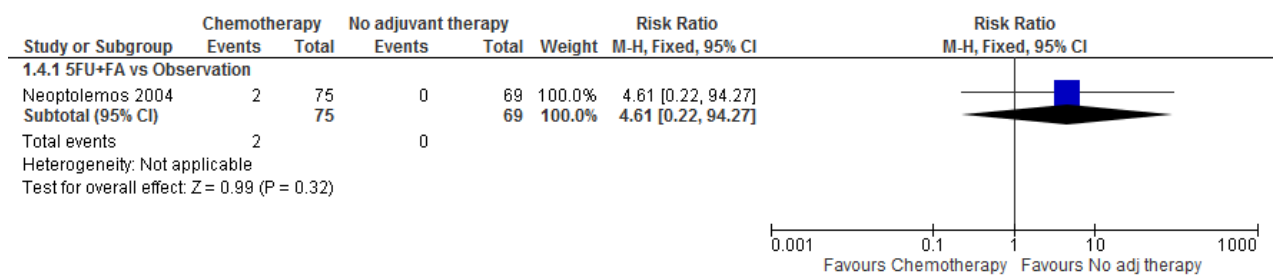
2

Figure 300: # patients with serious adverse events



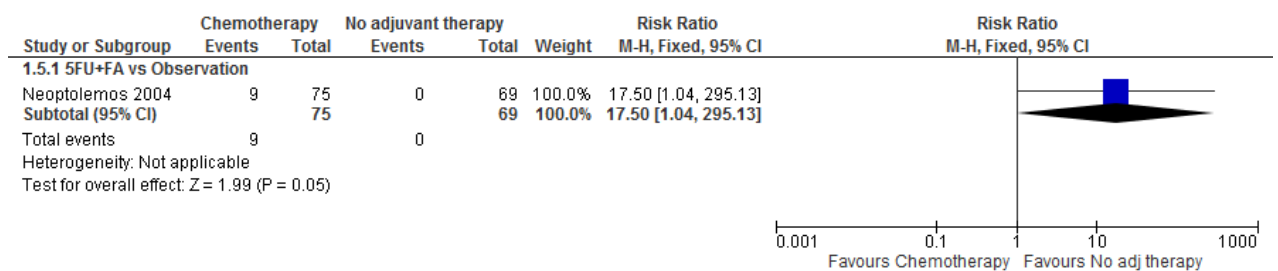
3

4 **Figure 301: # patients with any Grade 3 or 4 haematological toxicity**



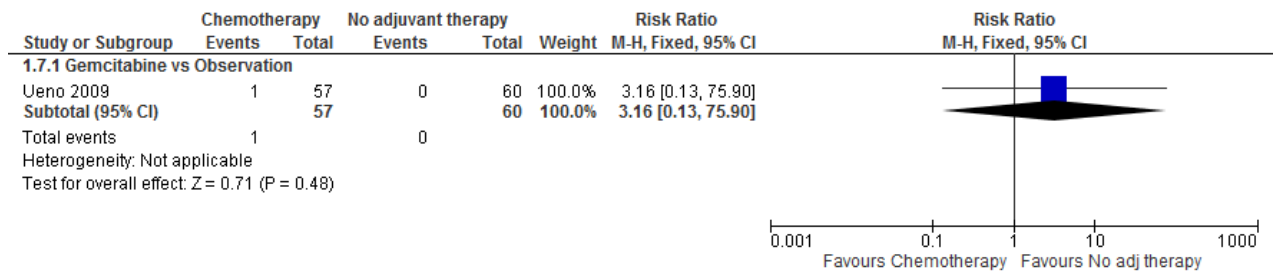
5

6 **Figure 302: # patients with Grade 3 or 4 non-haematological toxicity**



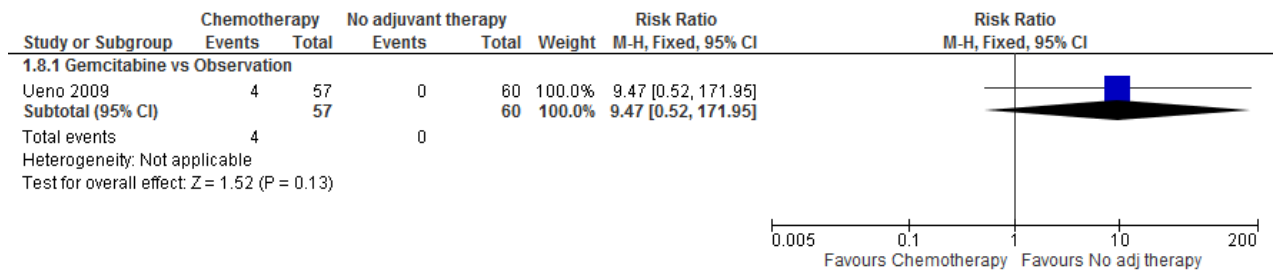
7

1 **Figure 303: # patients with Grade 3 or 4 abscess**



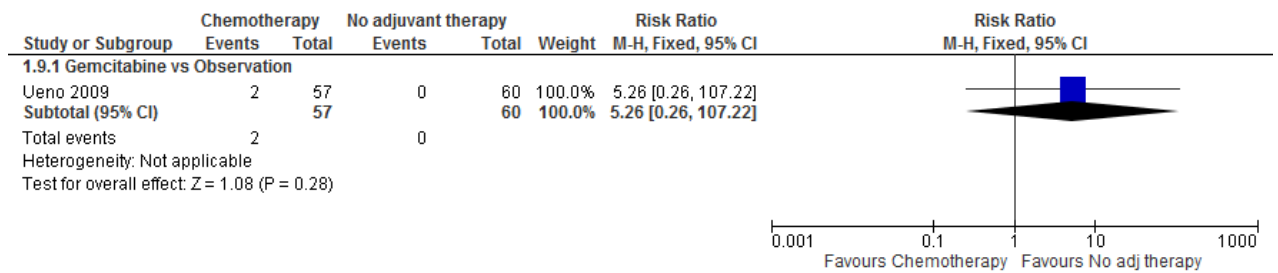
2

3 **Figure 304: # patients with Grade 3 or 4 alanine aminotransferase**



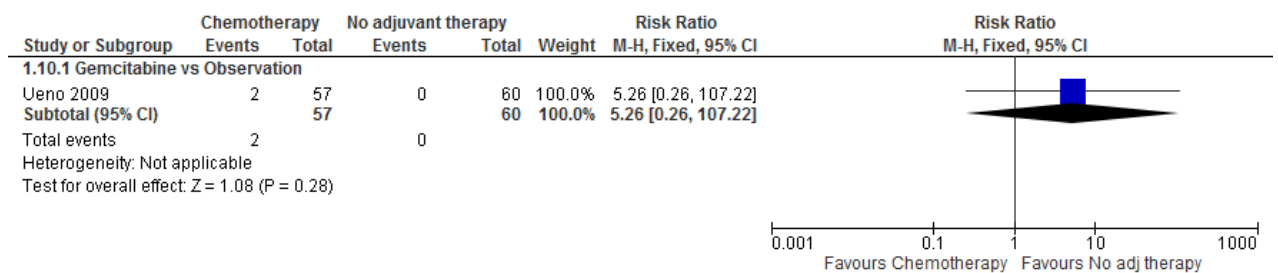
4

5 **Figure 305: # patients with Grade 3 or 4 anaemia**



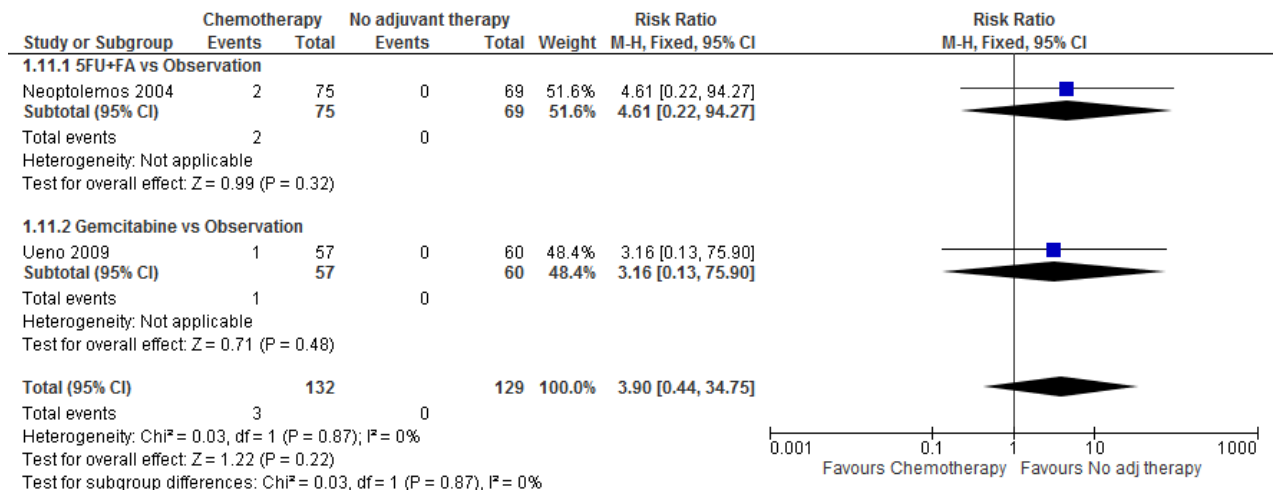
6

7 **Figure 306: # patients with Grade 3 or 4 anorexia**



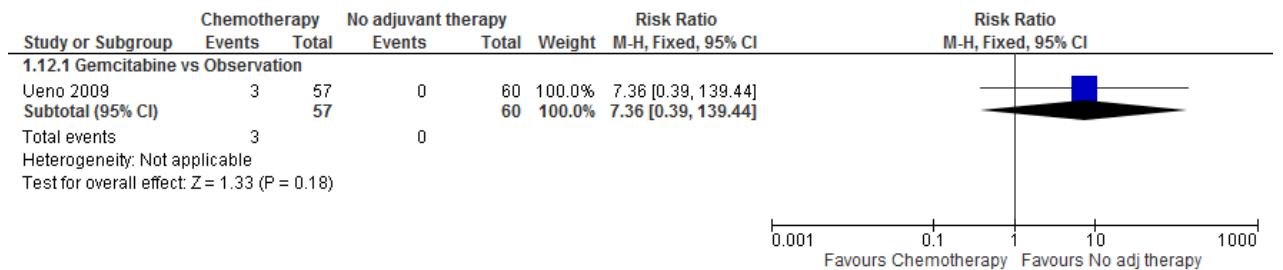
8

1 **Figure 307: # patients with Grade 3 or 4 diarrhoea**



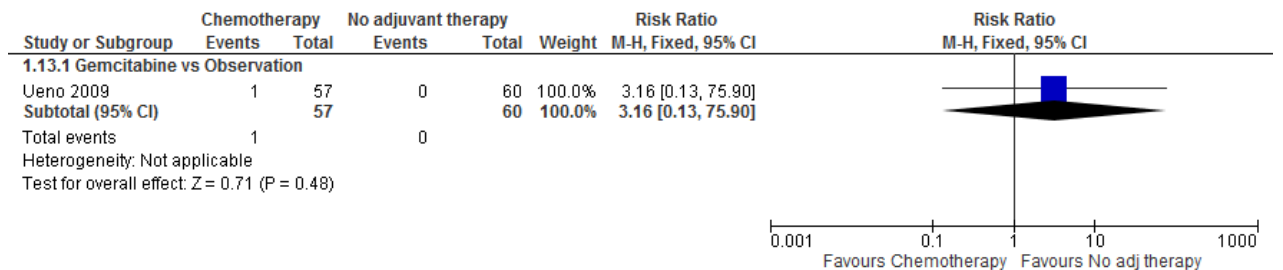
2

3 **Figure 308: # patients with Grade 3 or 4 aspartate aminotransferase**



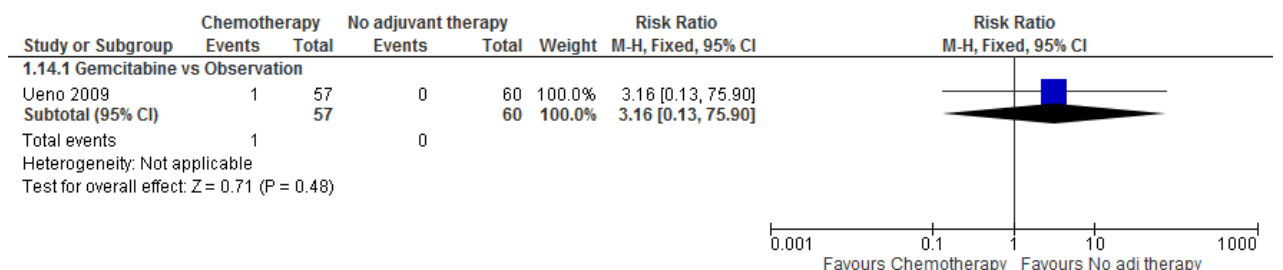
4

5 **Figure 309: # patients with Grade 3 or 4 fatigue**



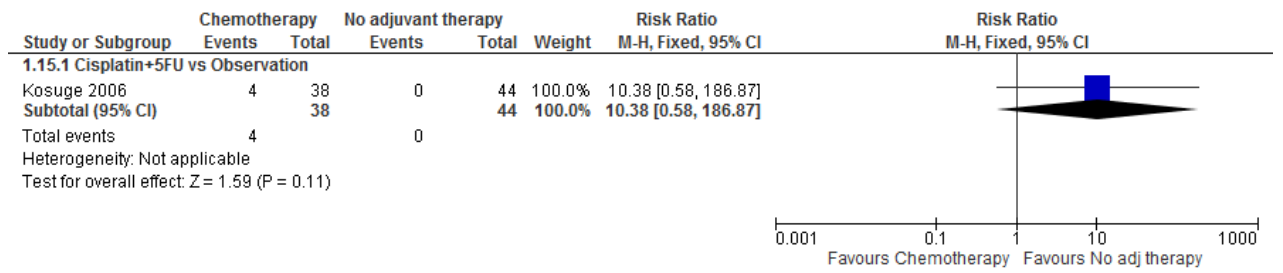
6

7 **Figure 310: # patients with Grade 3 or 4 fever**



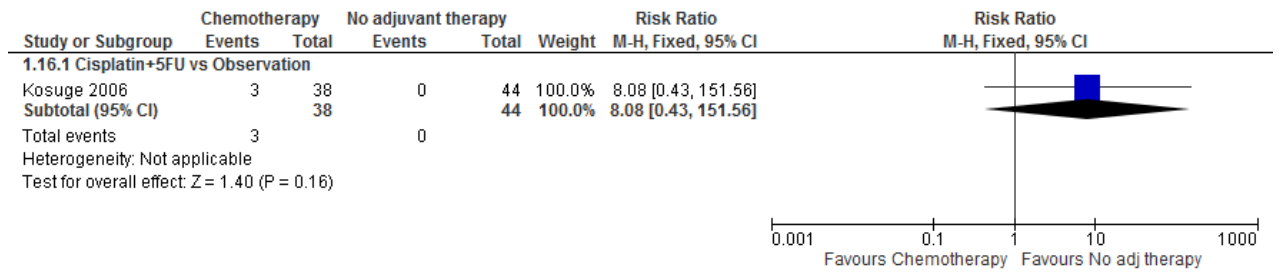
8

1 **Figure 311: # patients with Grade 3 or 4 granulocytopenia**



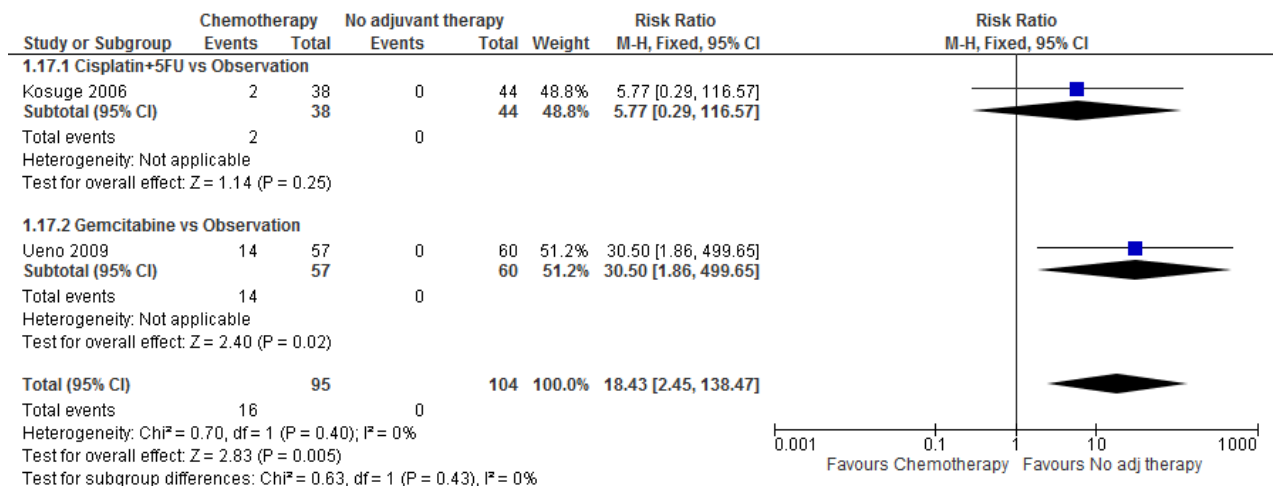
2

3 **Figure 312: # patients with Grade 3 or 4 hepatic**



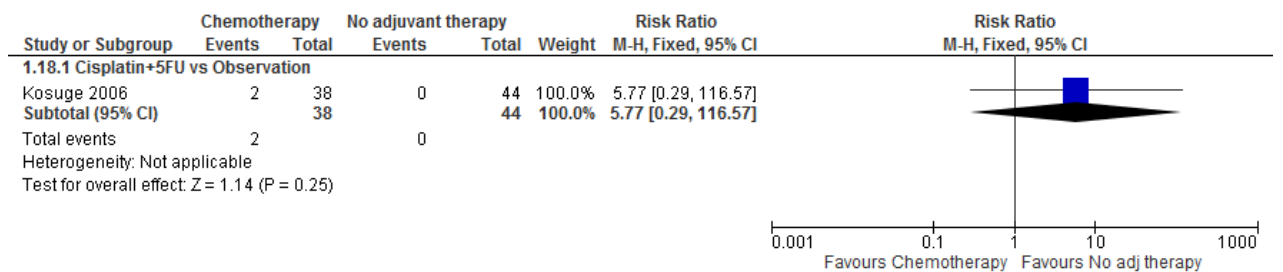
4

5 **Figure 313: # patients with Grade 3 or 4 leukopenia**



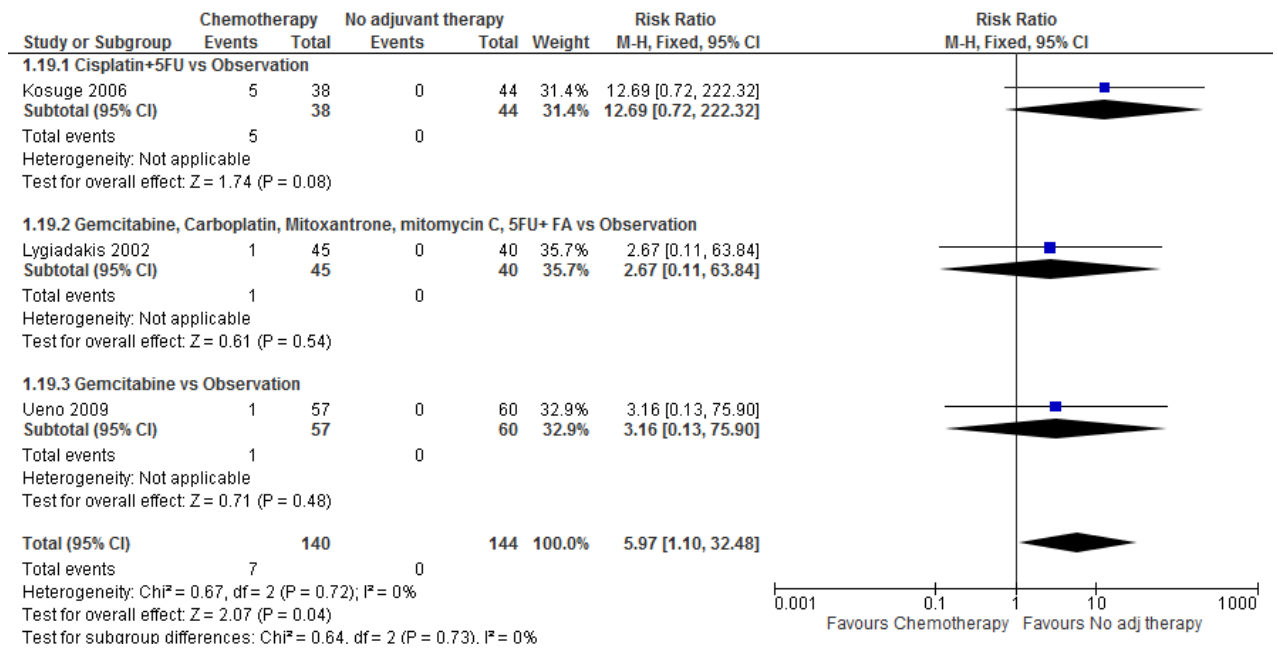
6

7 **Figure 314: # patients with Grade 3 or 4 mucositis**



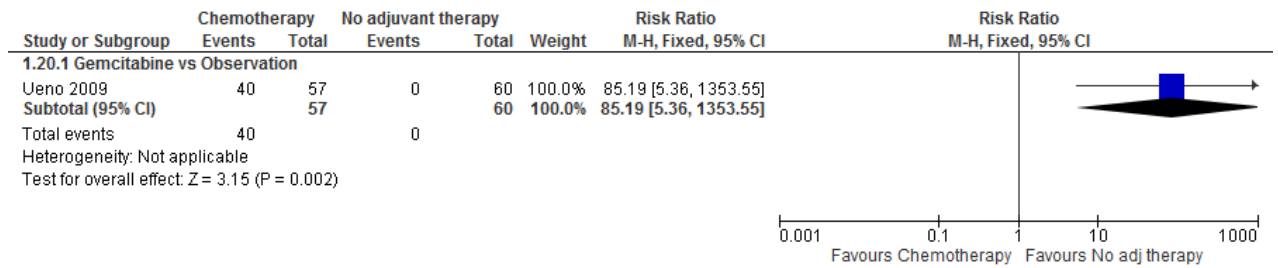
8

1 **Figure 315: # patients with Grade 3 or 4 nausea/vomiting**



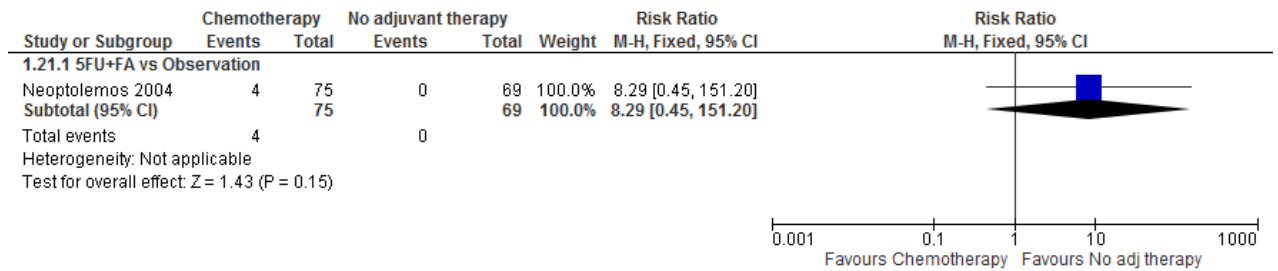
2

3 **Figure 316: # patients with Grade 3 or 4 neutropenia**



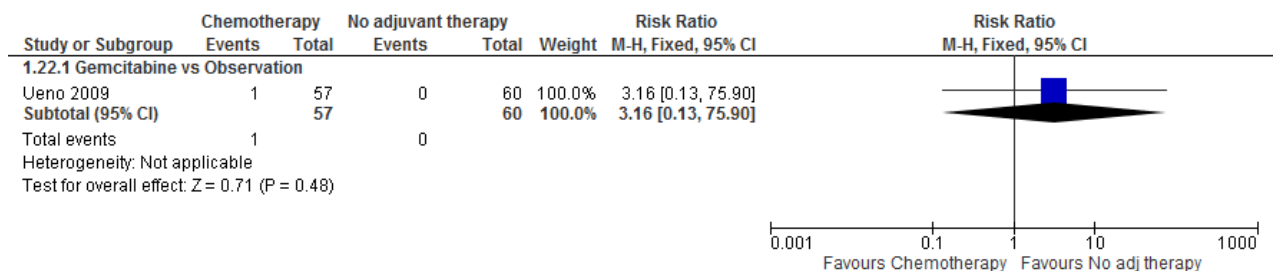
4

5 **Figure 317: # patients with Grade 3 or 4 stomatitis**



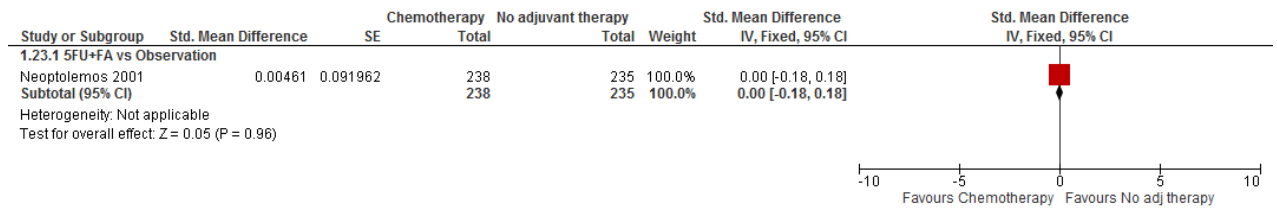
6

7 **Figure 318: # patients with Grade 3 or 4 thrombocytopenia**



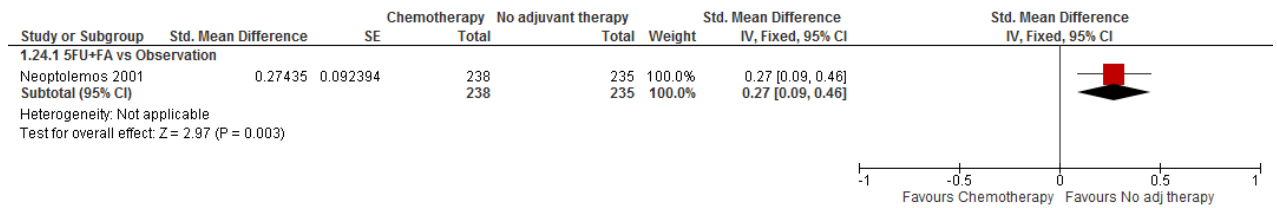
8

1 **Figure 319: ESPAC-1 QoL overall score – change scores**



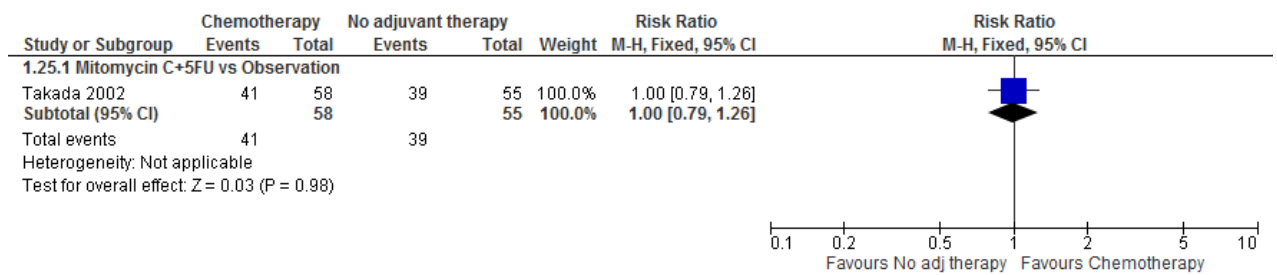
2

3 **Figure 320: # patients with improving ESPAC-1 QoL role functioning subscale scores**



4

5 **Figure 321: # patients improving by 1 or more ECOG performance score grade**

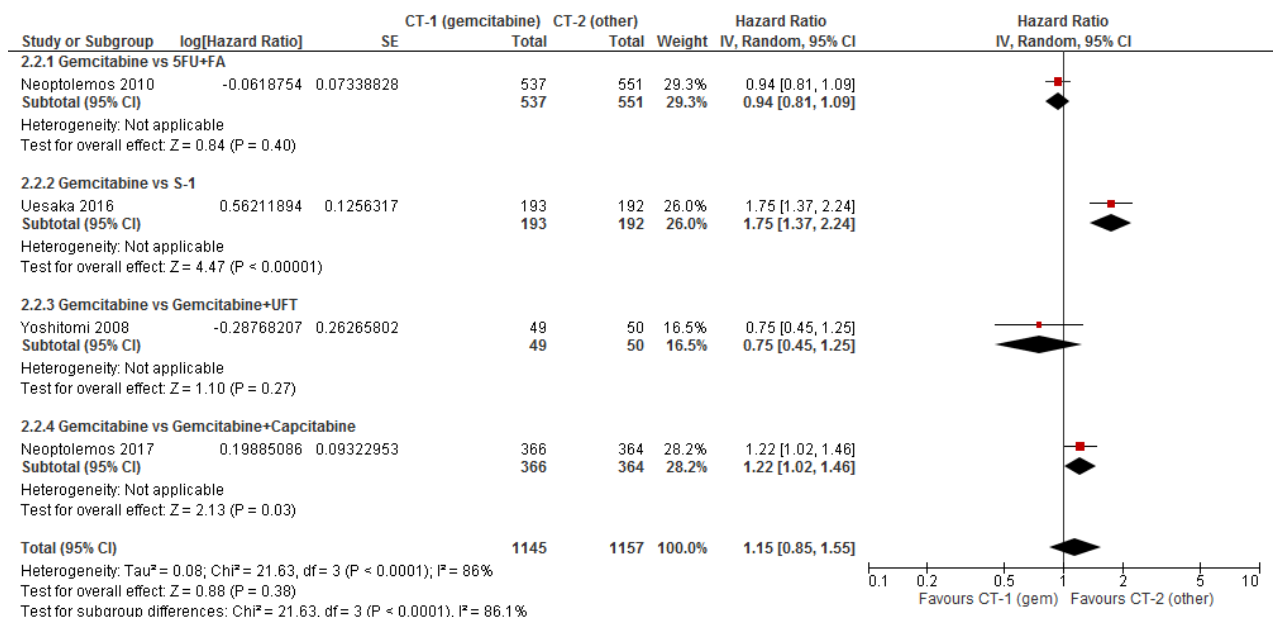


6

H.14.27 Adjuvant chemotherapy-1 (gemcitabine) versus adjuvant chemotherapy-2 (other) in resected pancreatic cancer patients

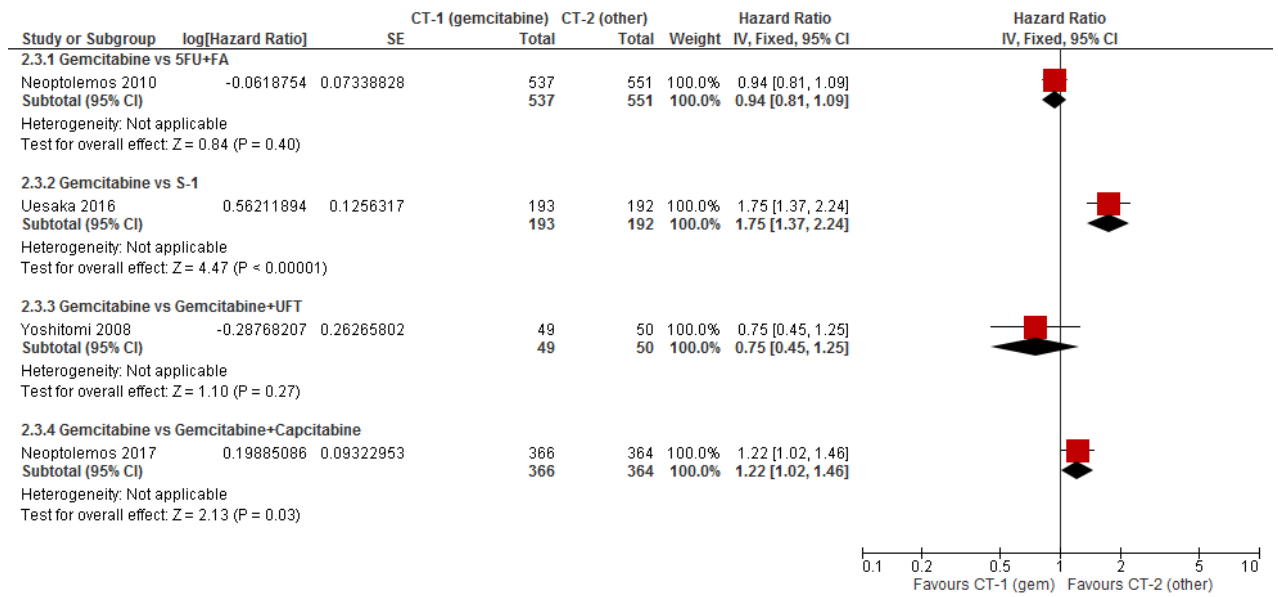
8

9 **Figure 322: Overall survival (random effects analysis)**



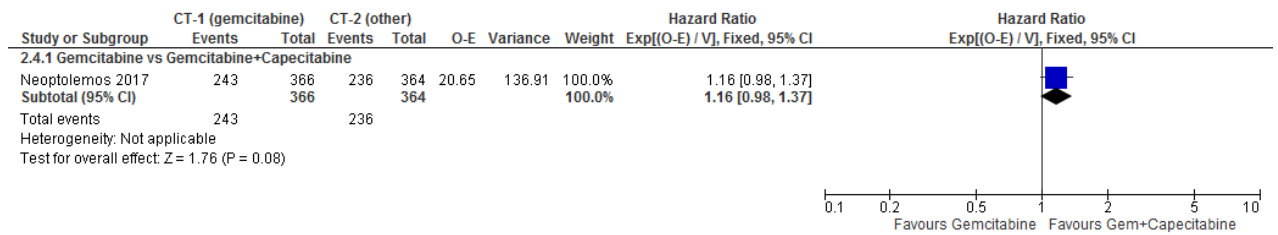
10

1 **Figure 323: Overall Survival (fixed effects analysis)**



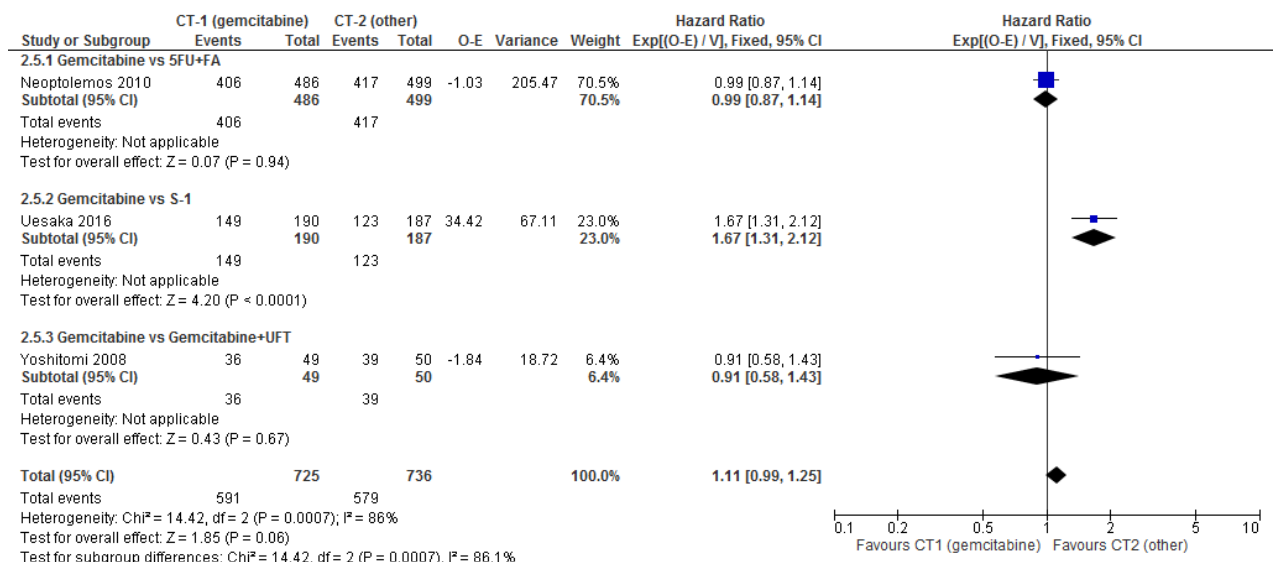
2

3 **Figure 324: Relapse-free Survival**



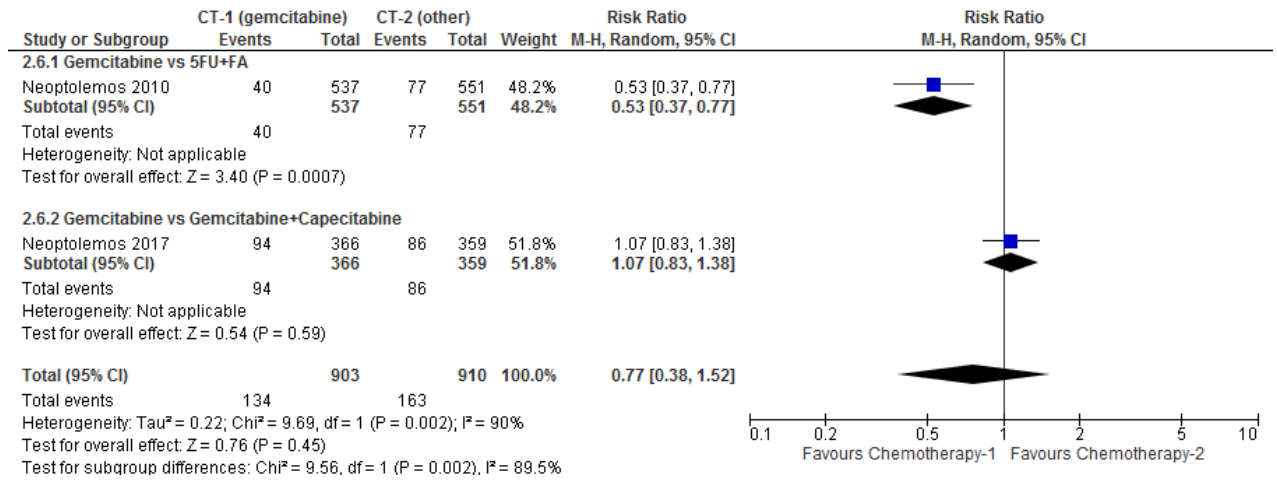
4

5 **Figure 325: Disease-free survival**

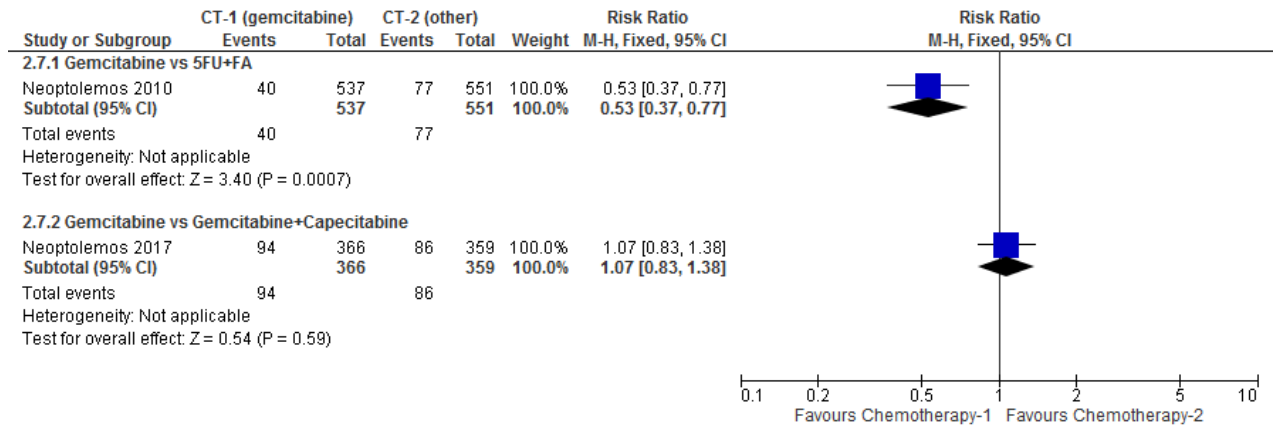


6

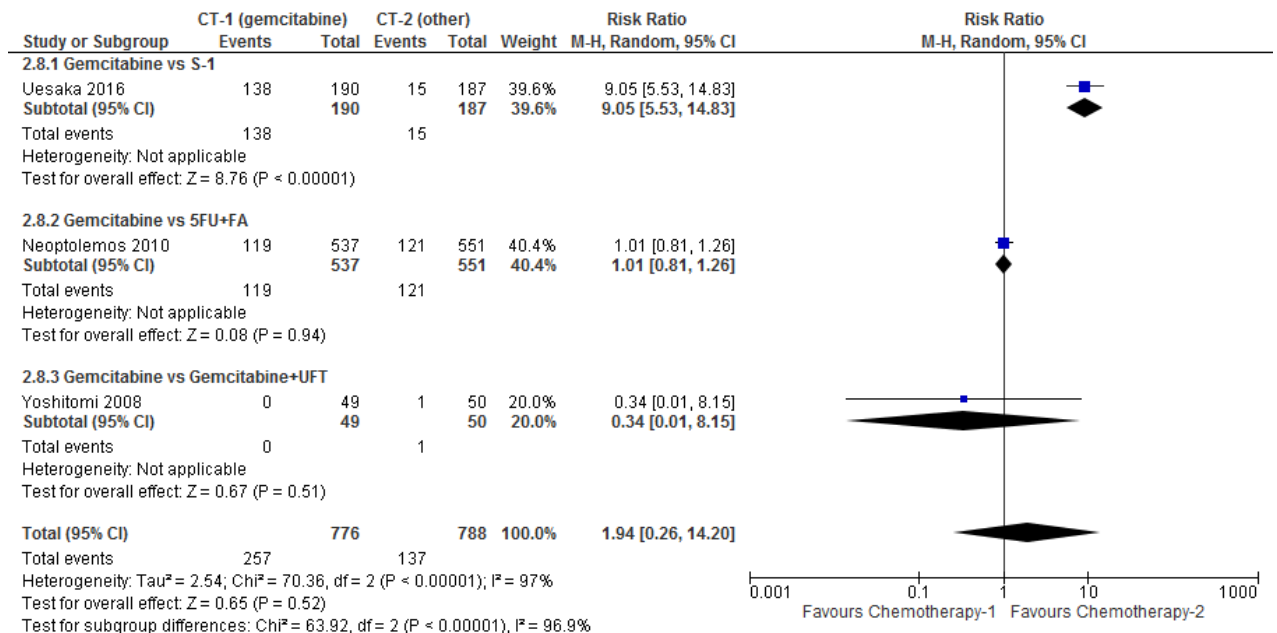
1 **Figure 326: # patients with serious treatment-related adverse events (random effects analysis)**
2



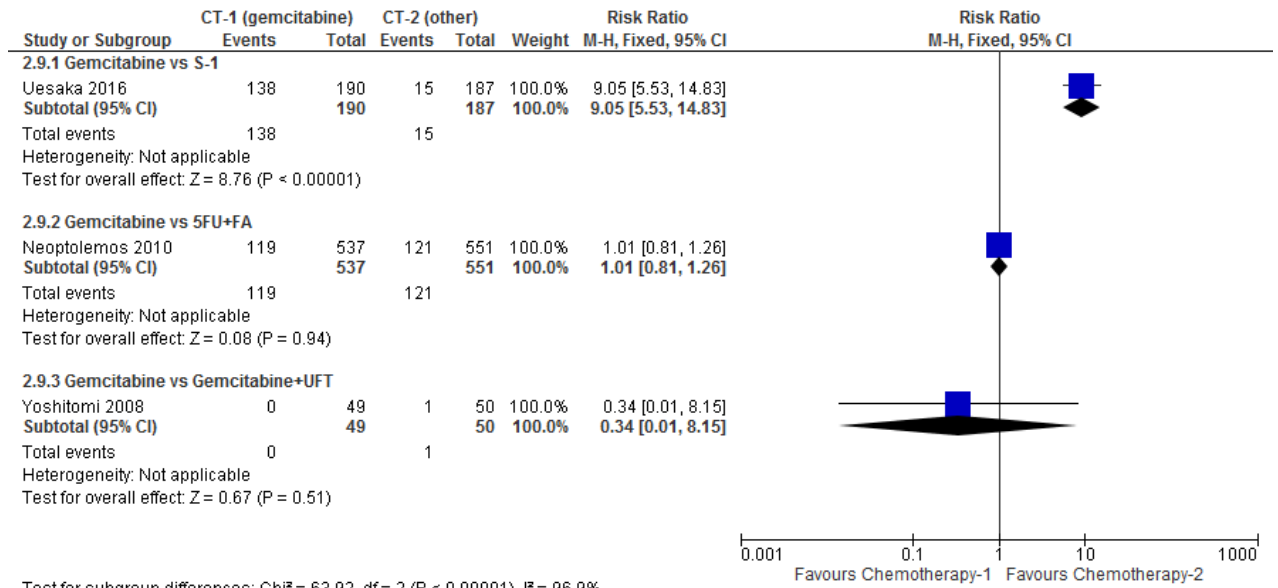
4 **Figure 327: # patients with serious treatment-related adverse events (fixed effects analysis)**
5



7 **Figure 328: # patients with Grade 3 or 4 alanine aminotransferase/aspartate aminotransferase (random effects analysis)**
8

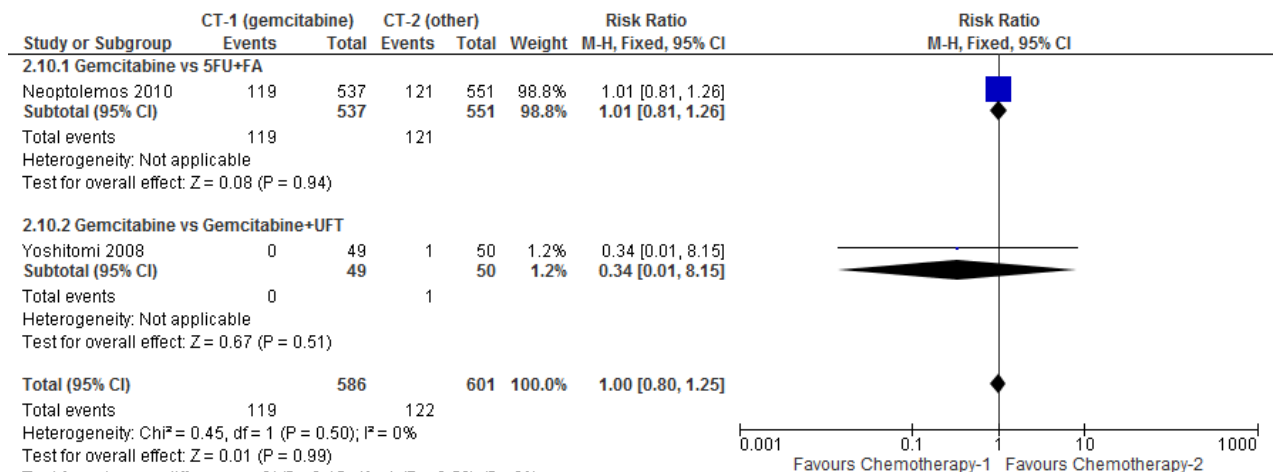


1 **Figure 329: # patients with Grade 3 or 4 alanine aminotransferase/aspartate aminotransferase (fixed effects analysis)**



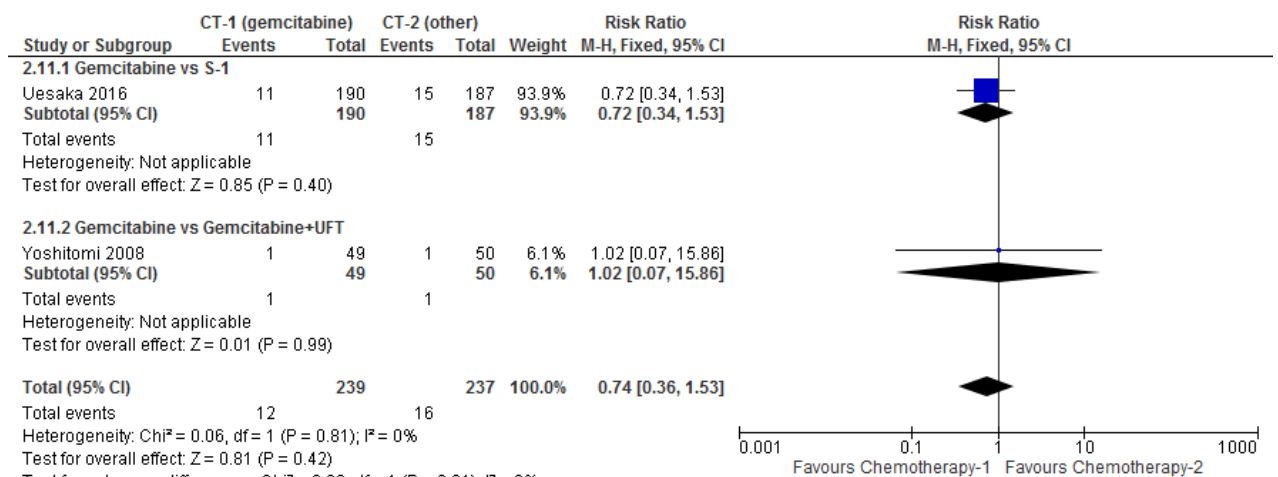
3 Test for subgroup differences: Chi² = 63.92, df = 2 (P < 0.00001), I² = 96.9%

4 **Figure 330: # patients with Grade 3 or 4 alanine aminotransferase/aspartate aminotransferase (fixed effects – sensitivity analysis)**



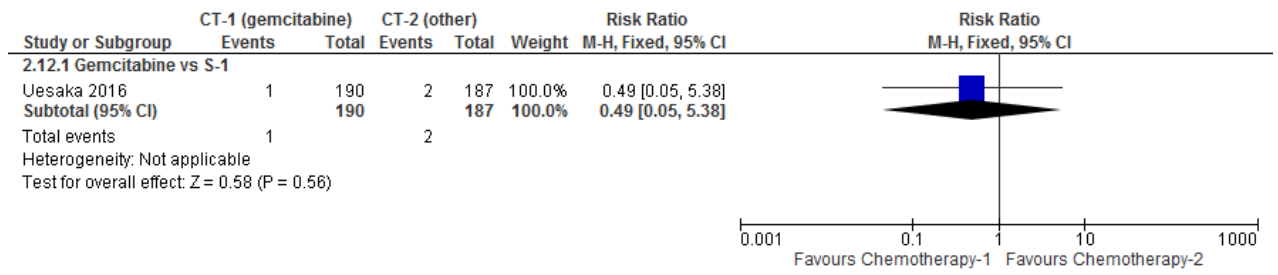
6 Test for subgroup differences: Chi² = 0.45, df = 1 (P = 0.50), I² = 0%

7 **Figure 331: # patients with Grade 3 or 4 anorexia**



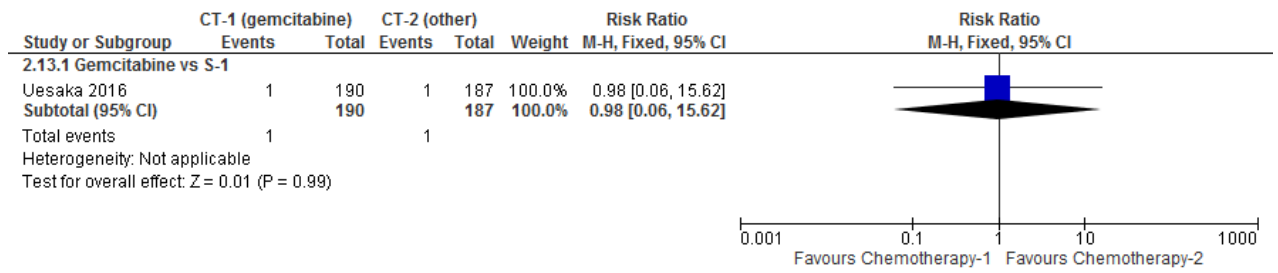
8 Test for subgroup differences: Chi² = 0.06, df = 1 (P = 0.81), I² = 0%

1 **Figure 332: # patients with Grade 3 or 4 bilirubin**



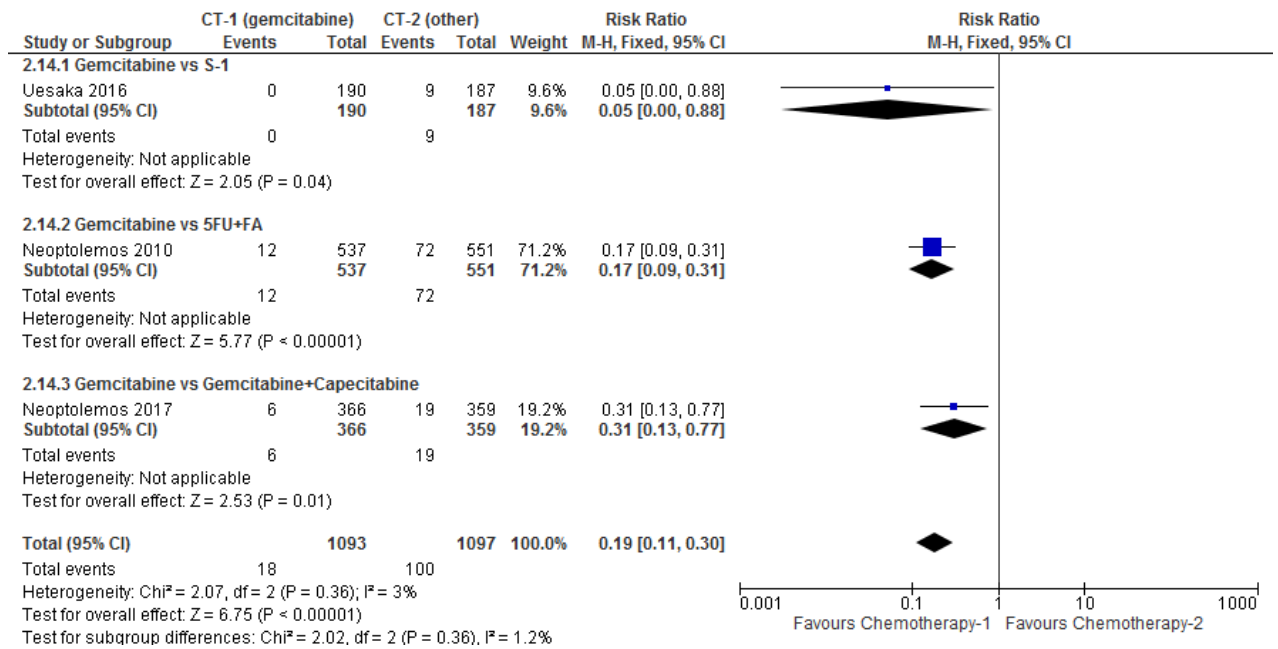
2

3 **Figure 333: # patients with Grade 3 or 4 creatinine**



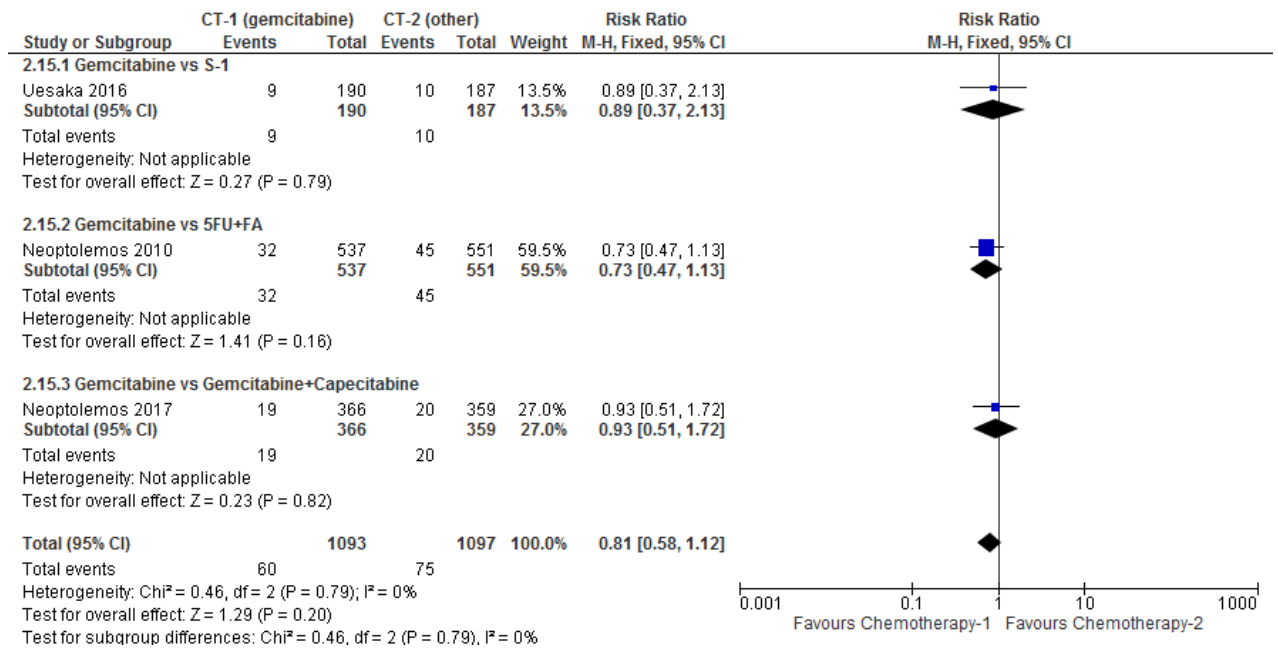
4

5 **Figure 334: # patients with Grade 3 or 4 diarrhoea**



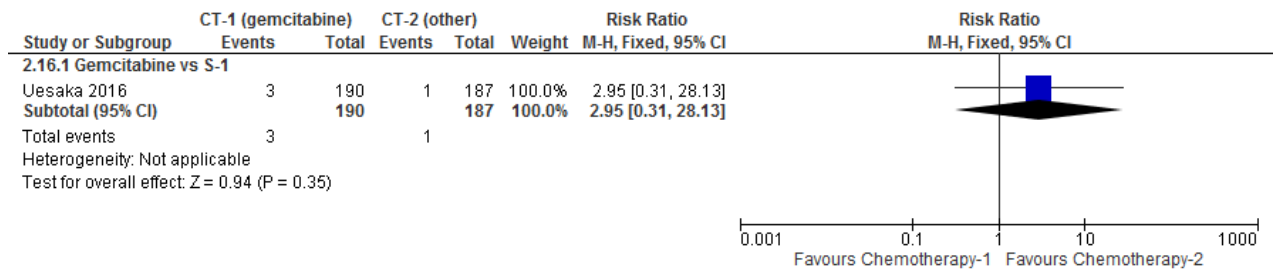
6

1 **Figure 335: # patients with Grade 3 or 4 fatigue/tiredness**



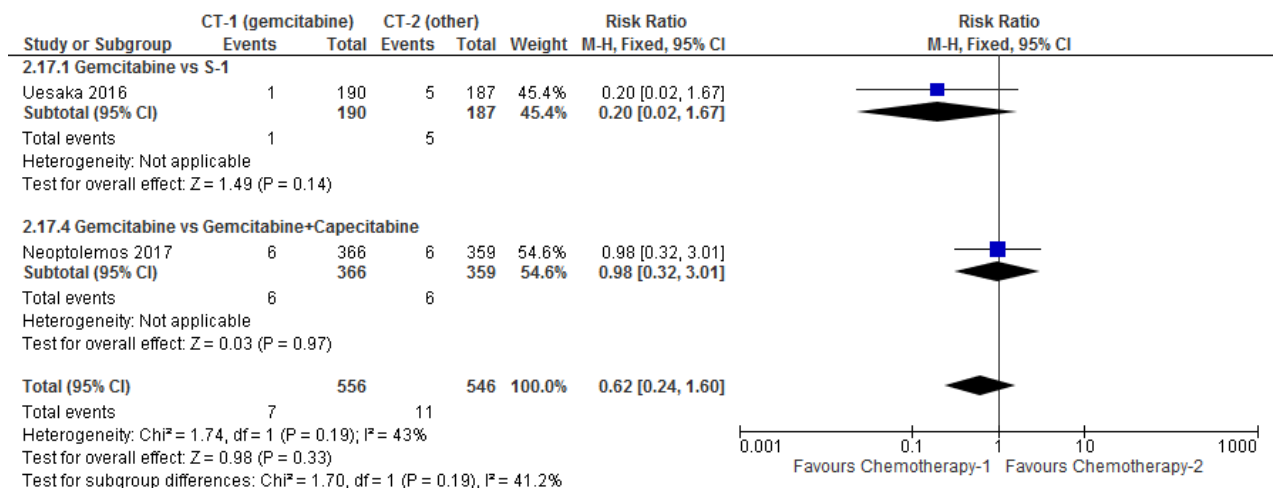
2

3 **Figure 336: # patients with Grade 3 or 4 febrile neutropenia**



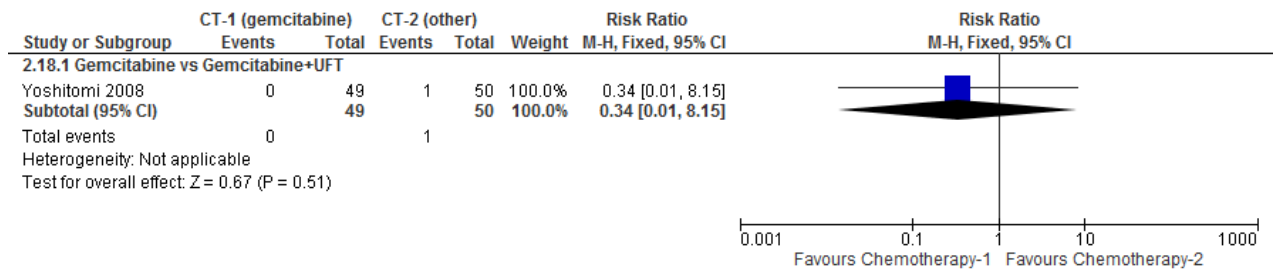
4

5 **Figure 337: # patients with Grade 3 or 4 fever**



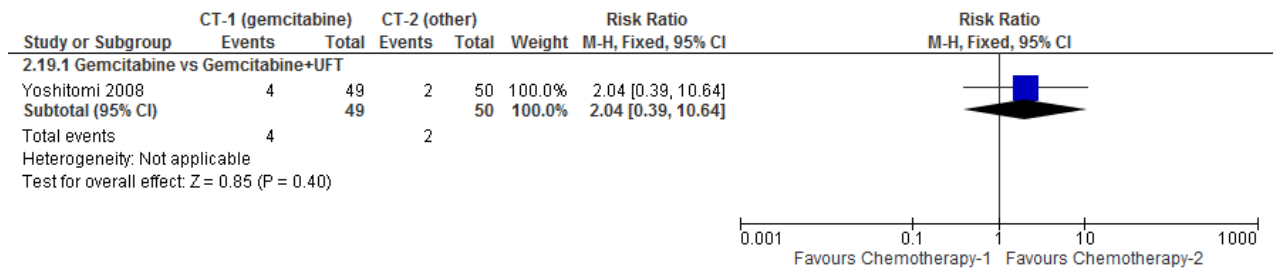
6

1 **Figure 338: # patients with Grade 3 or 4 glucose intolerance**



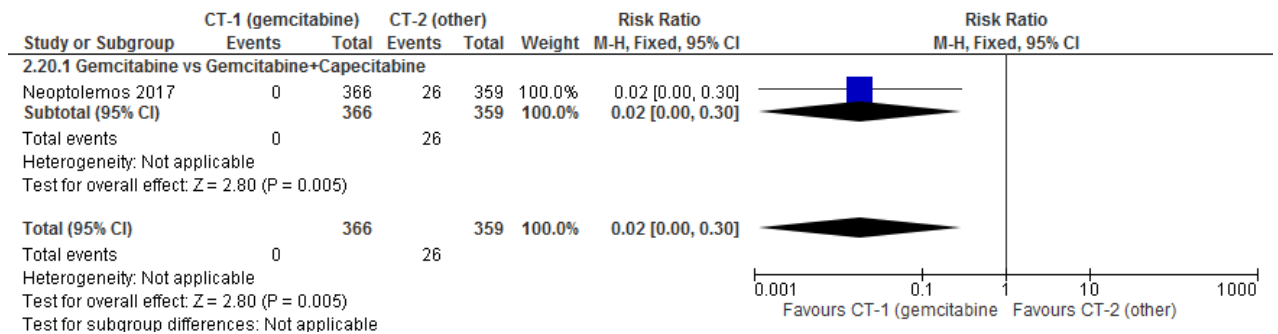
2

3 **Figure 339: # patients with Grade 3 or 4 haemoglobin**



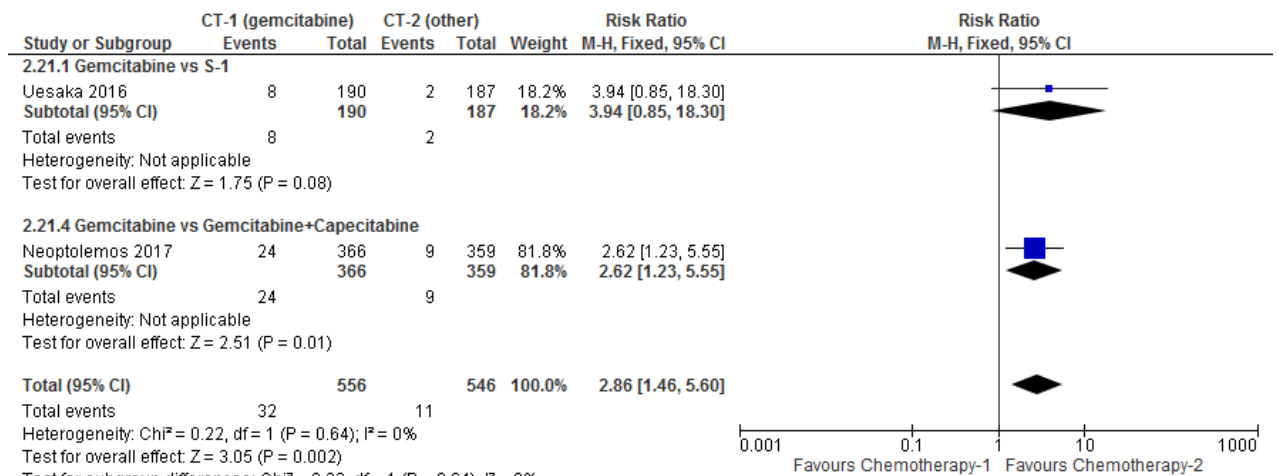
4

5 **Figure 340: # patients with Grade 3 or 4 hand foot syndrome**



6

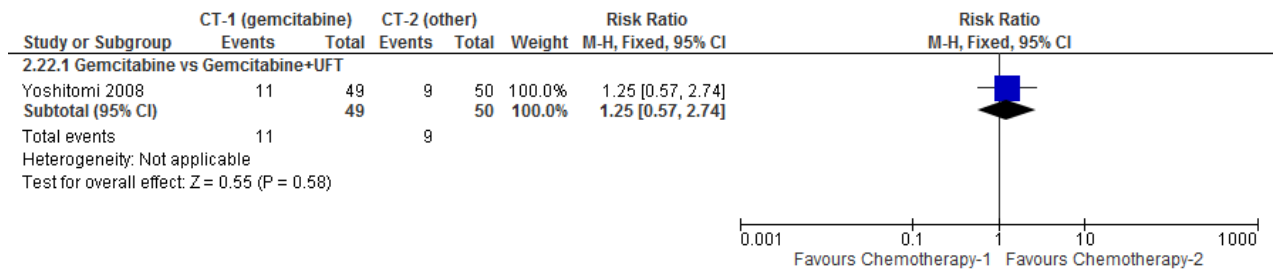
7 **Figure 341: # patients with Grade 3 or 4 infection**



8

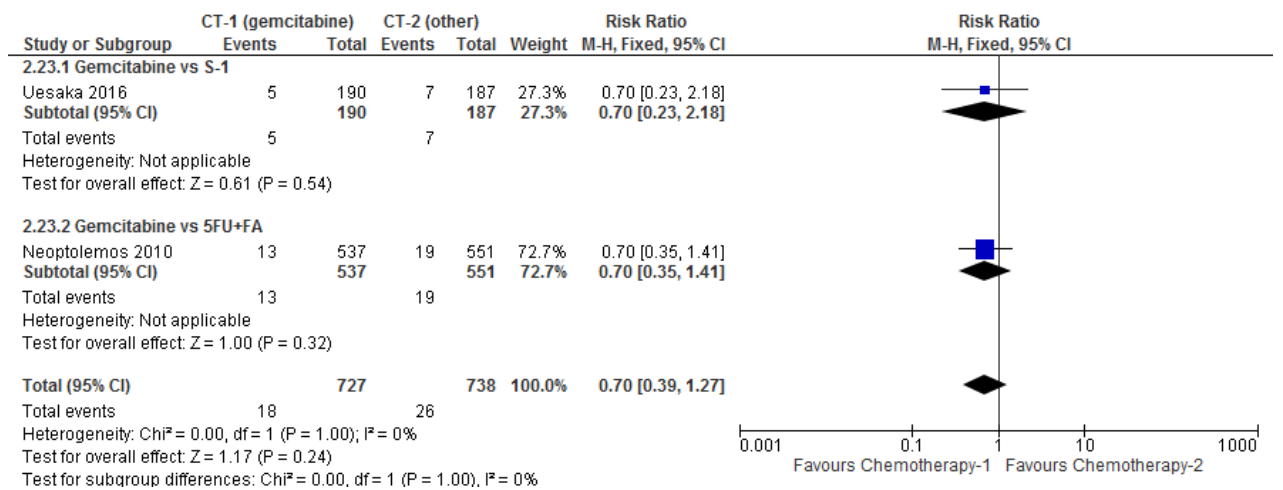
Test for subgroup differences: Chi² = 0.22, df = 1 (P = 0.64), I² = 0%

1 **Figure 342: # patients with Grade 3 or 4 leukocytes**



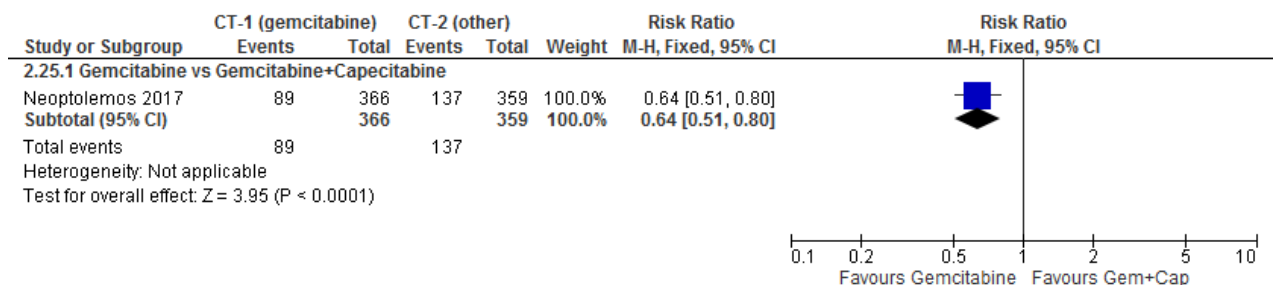
2

3 **Figure 343: # patients with Grade 3 or 4 nausea**



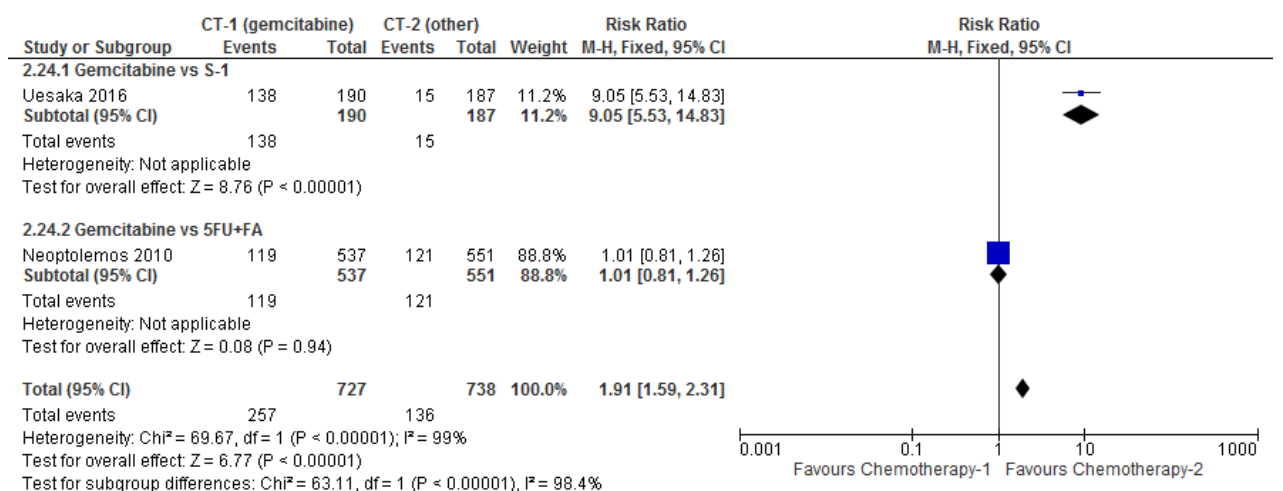
4

5 **Figure 344: # patients with Grade 3 or 4 neutropenia**



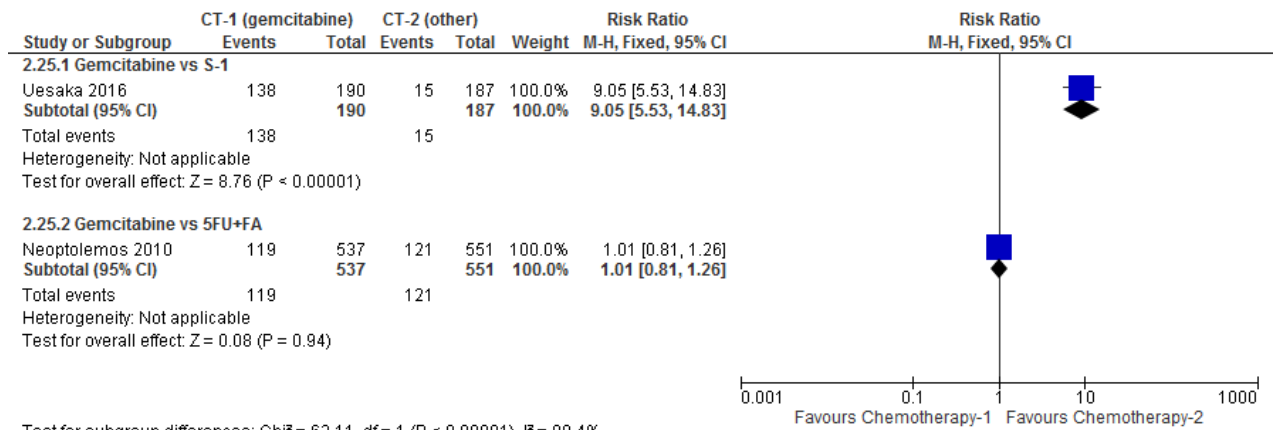
6

7 **Figure 345: # patients with Grade 3 or 4 neutrophils (random effects)**



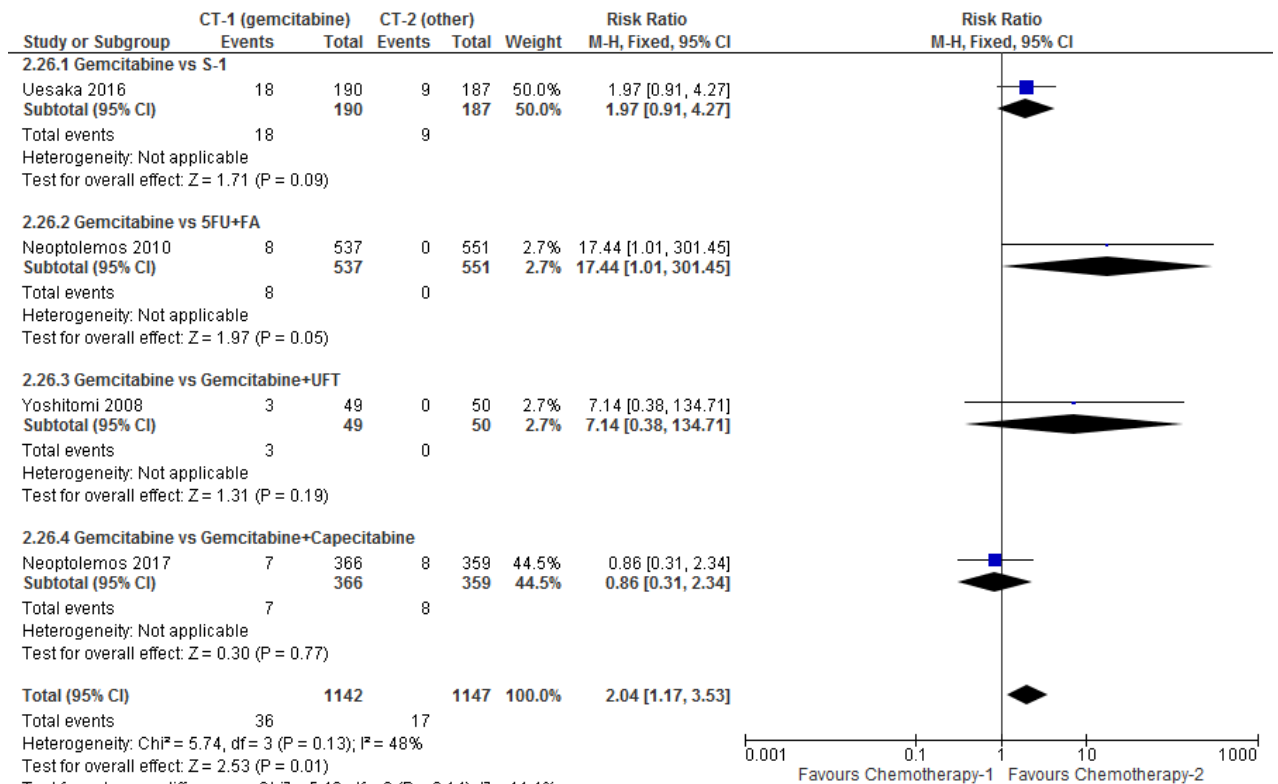
8

1 **Figure 346: # patients with Grade 3 or 4 neutrophils (fixed effects)**



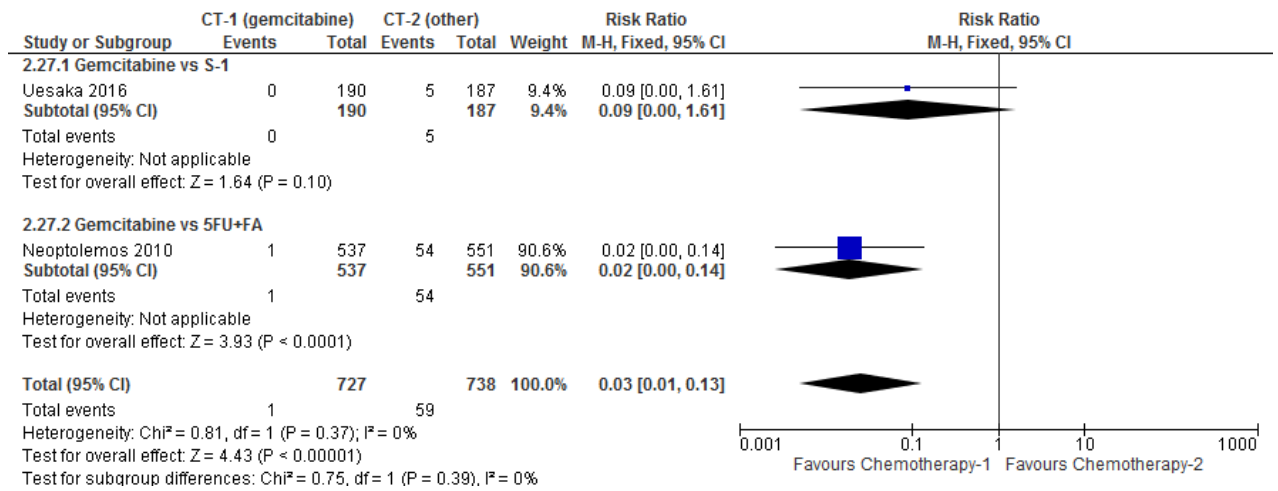
2 Test for subgroup differences: Chi² = 63.11, df = 1 (P < 0.00001), I² = 98.4%

3 **Figure 347: # patients with Grade 3 or 4 platelets**



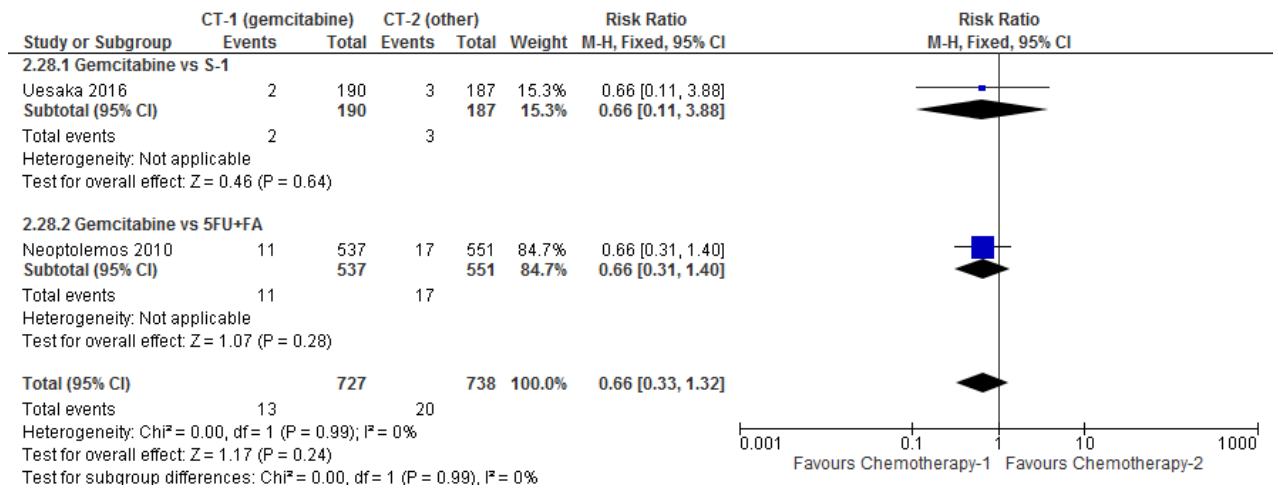
4 Test for subgroup differences: Chi² = 5.40, df = 3 (P = 0.14), I² = 44.4%

1 **Figure 348: # patients with Grade 3 or 4 stomatitis**



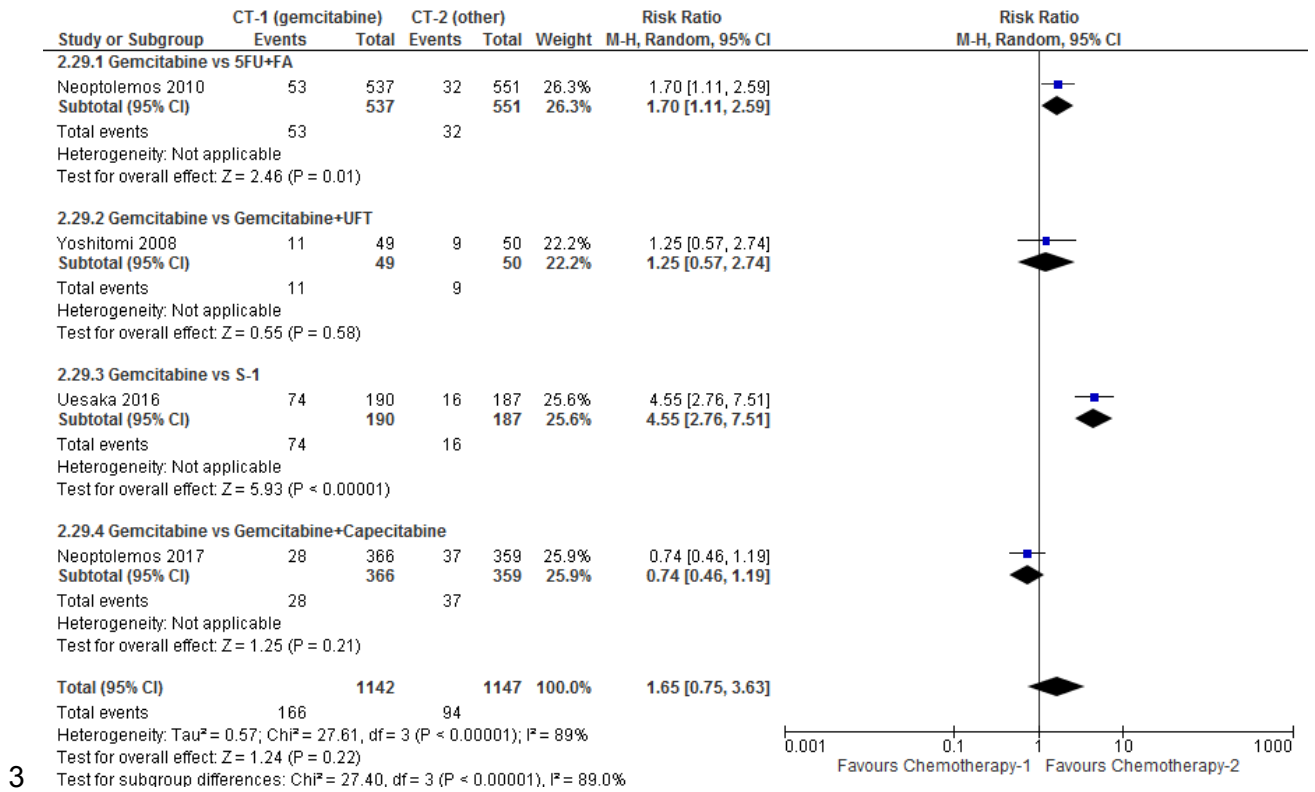
2

3 **Figure 349: # patients with Grade 3 or 4 vomiting**

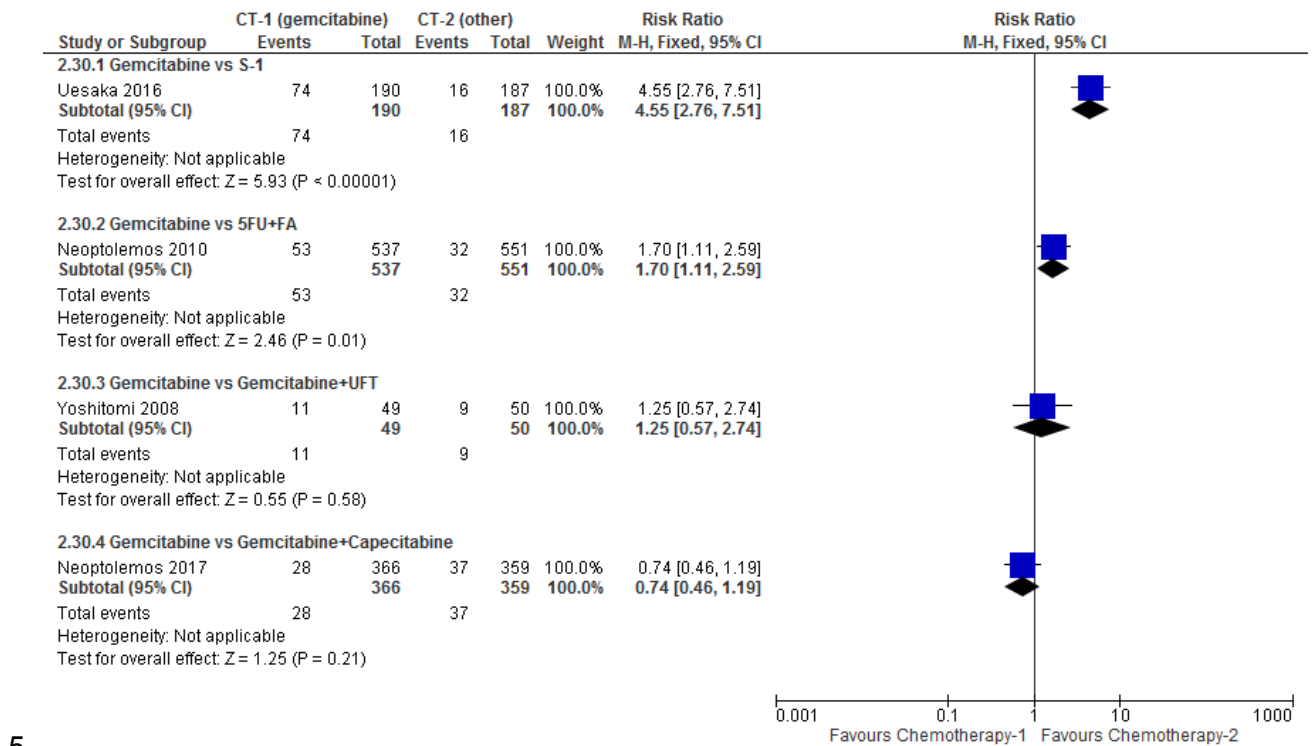


4

1 **Figure 350: # patients with Grade 3 or 4 white blood cell count (random effects analysis)**

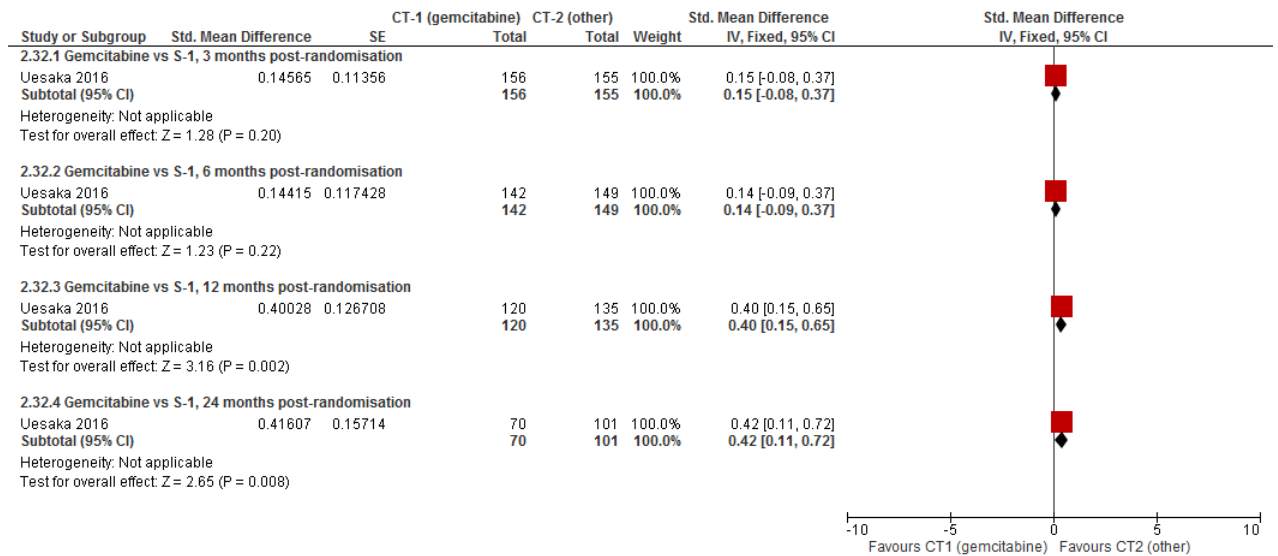


4 **Figure 351: # patients with Grade 3 or 4 white blood cell count (fixed effects analysis)**



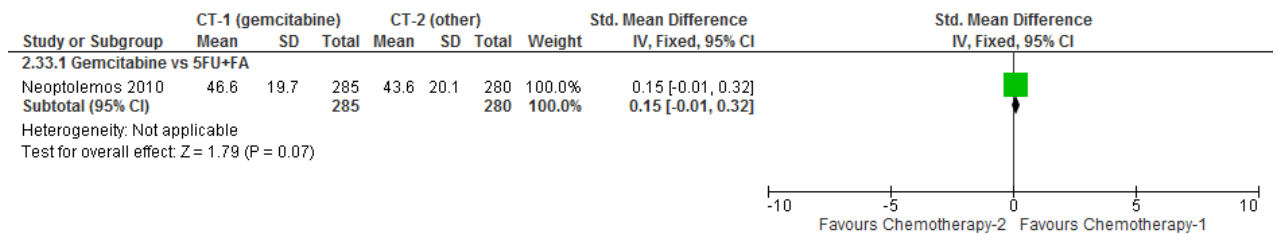
5

1 **Figure 352: EQ-5D Quality of Life**



2

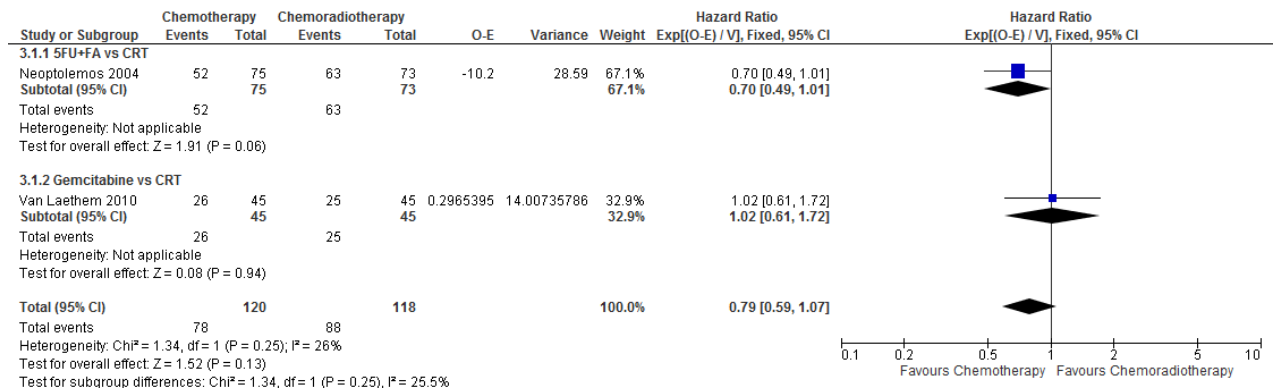
3 **Figure 353: Global quality of life**



4

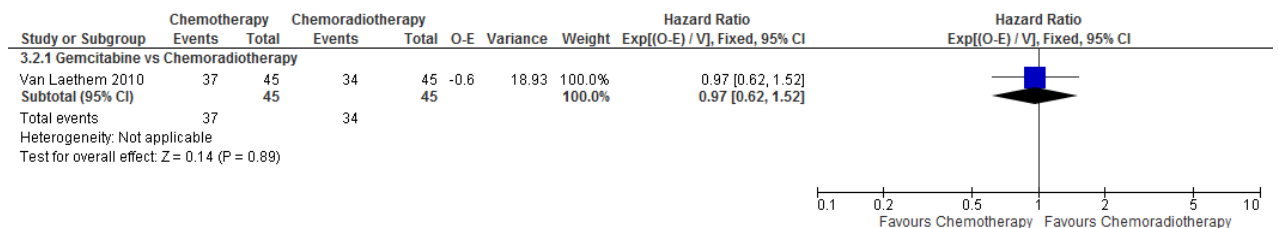
H.14.35 **Adjuvant chemotherapy versus adjuvant chemoradiotherapy in resected pancreatic cancer patients**

7 **Figure 354: Overall survival**



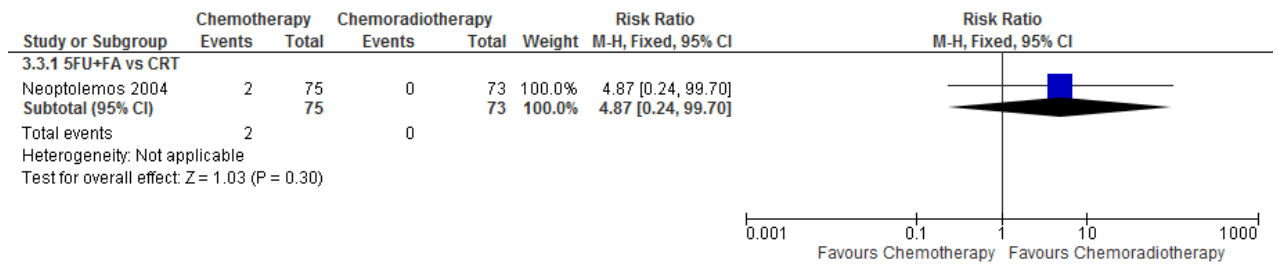
8

9 **Figure 355: Disease-free survival**



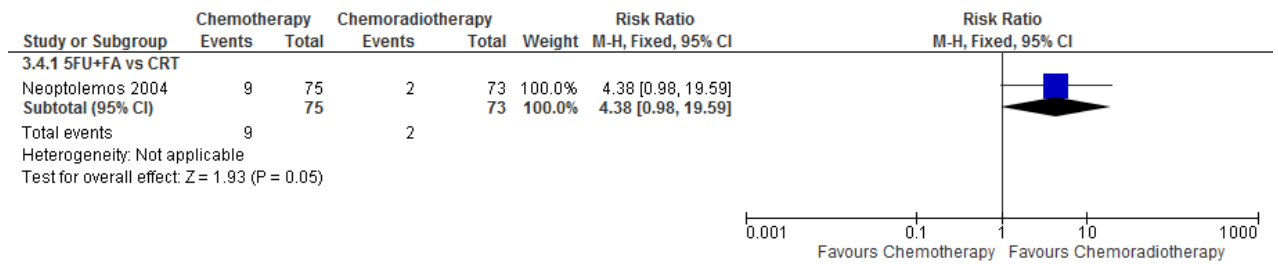
10

1 **Figure 356: # patients with any Grade 3 or 4 haematological toxicity**



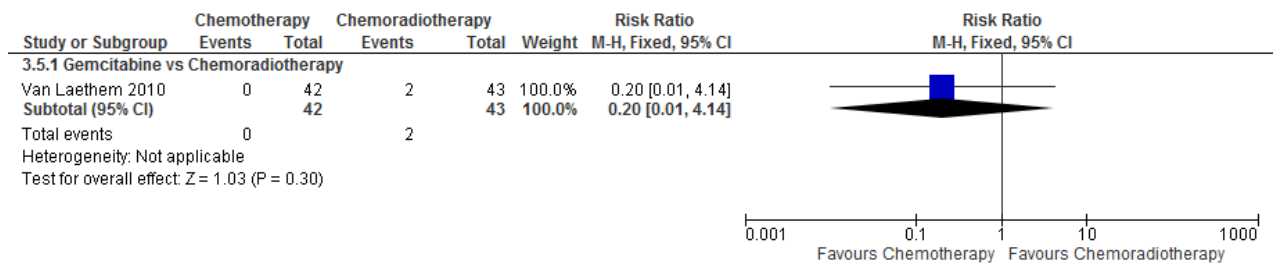
2

3 **Figure 357: # patients with any Grade 3 or 4 non-haematological toxicity**



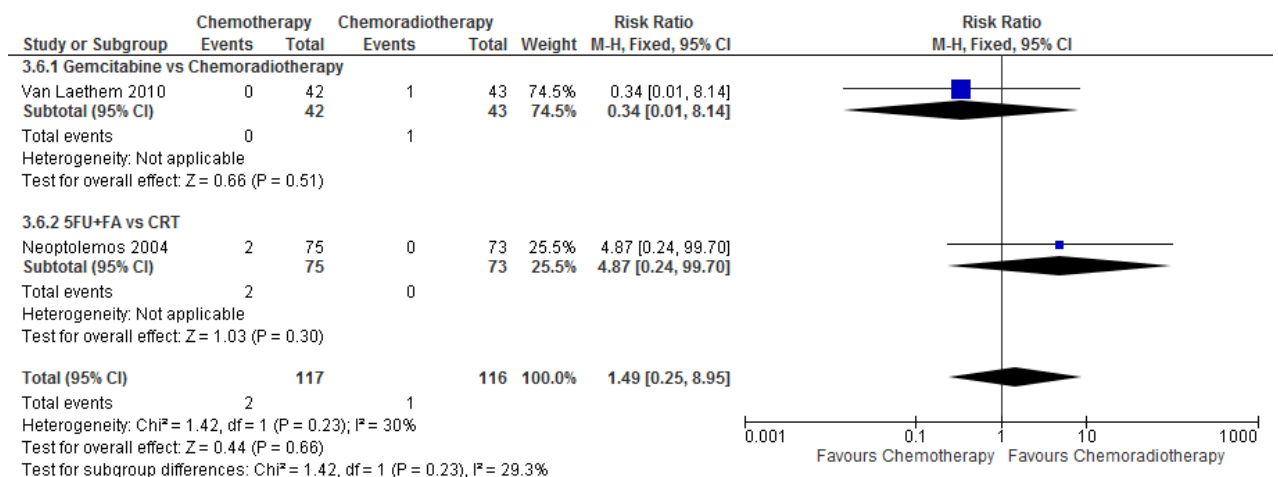
4

5 **Figure 358: # patients with Grade 3 or 4 anorexia**



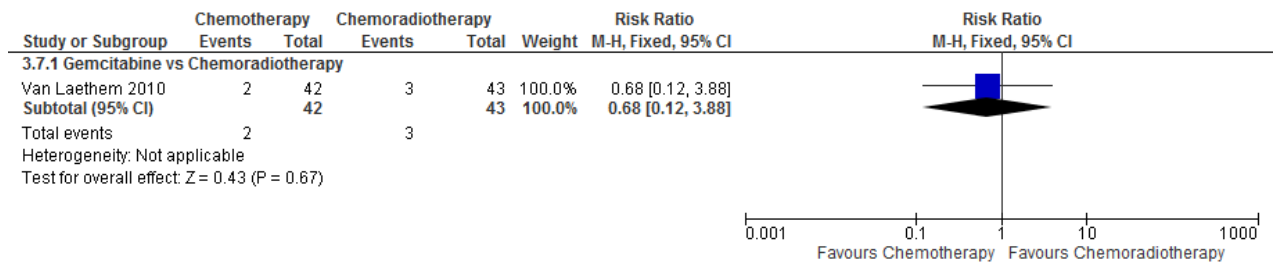
6

7 **Figure 359: # patients with Grade 3 or 4 diarrhoea**



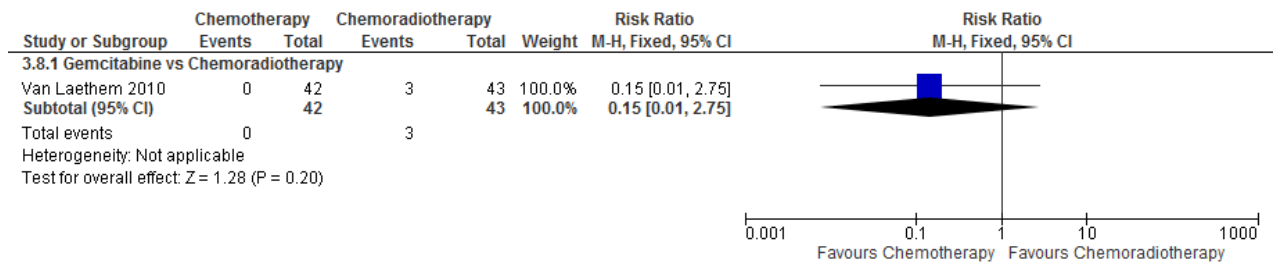
8

1 **Figure 360: # patients with Grade 3 or 4 fatigue**



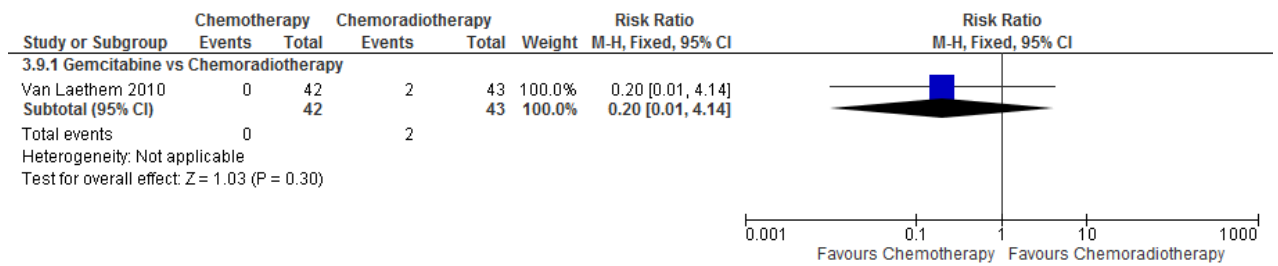
2

3 **Figure 361: # patients with Grade 3 or 4 fever**



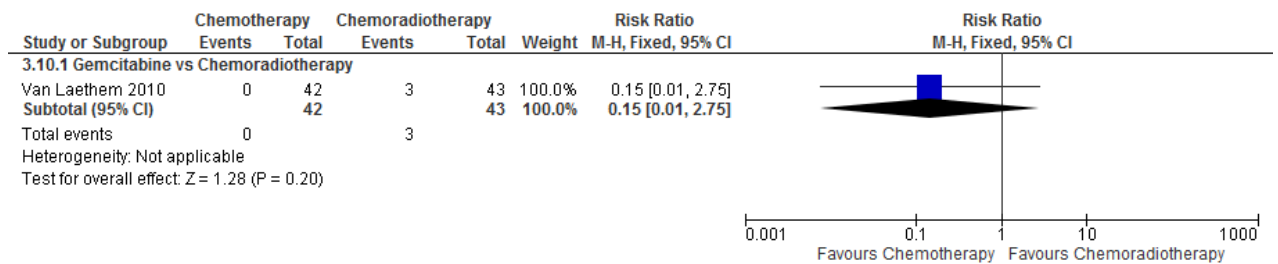
4

5 **Figure 362: # patients with Grade 3 or 4 gastritis**



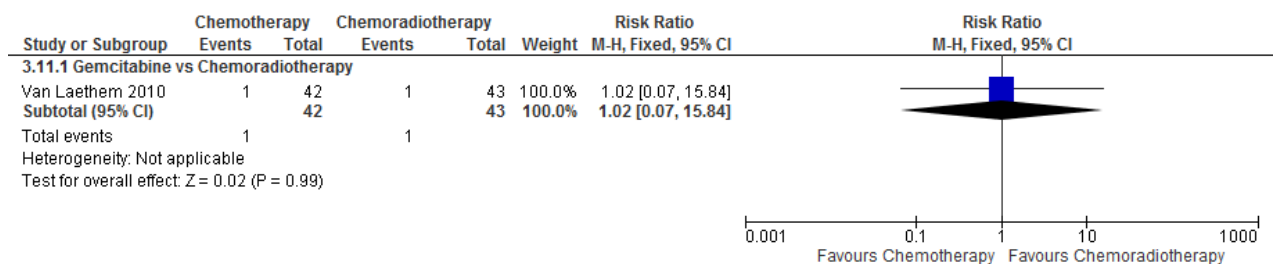
6

7 **Figure 363: # patients with Grade 3 or 4 haemoglobin**



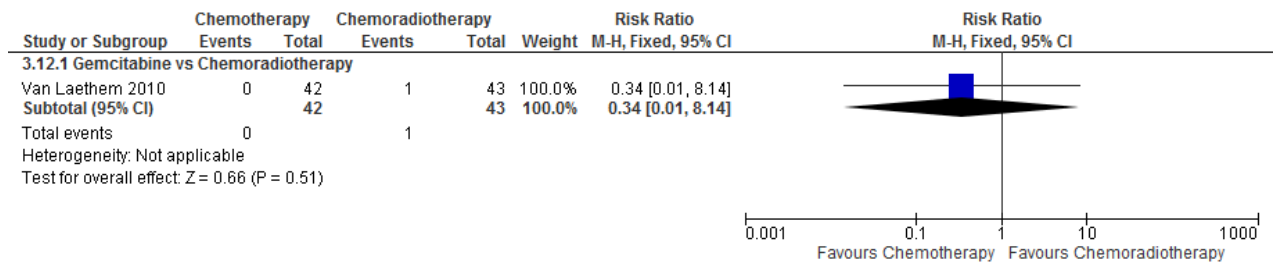
8

9 **Figure 364: # patients with Grade 3 or 4 haemorrhage**



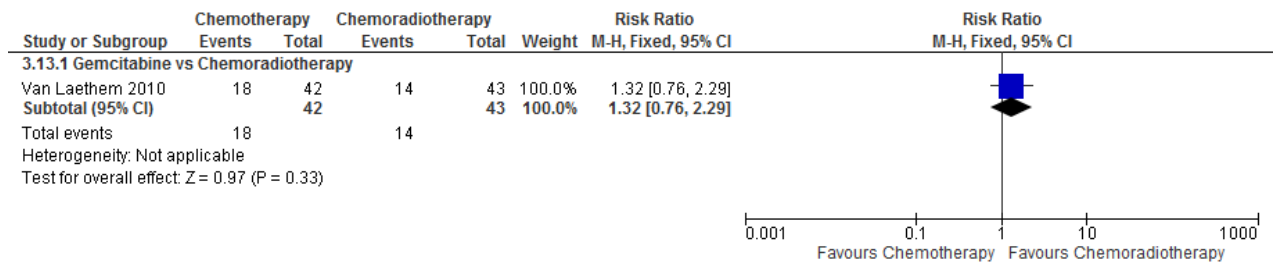
10

1 **Figure 365: # patients with Grade 3 or 4 nausea**



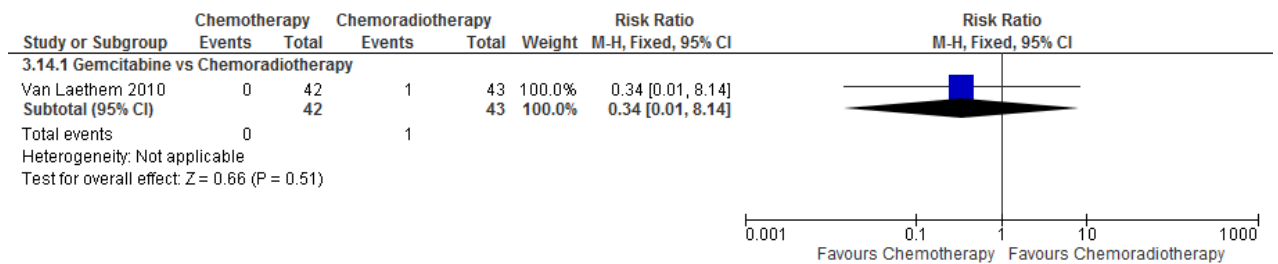
2

3 **Figure 366: # patients with Grade 3 or 4 neutrophils**



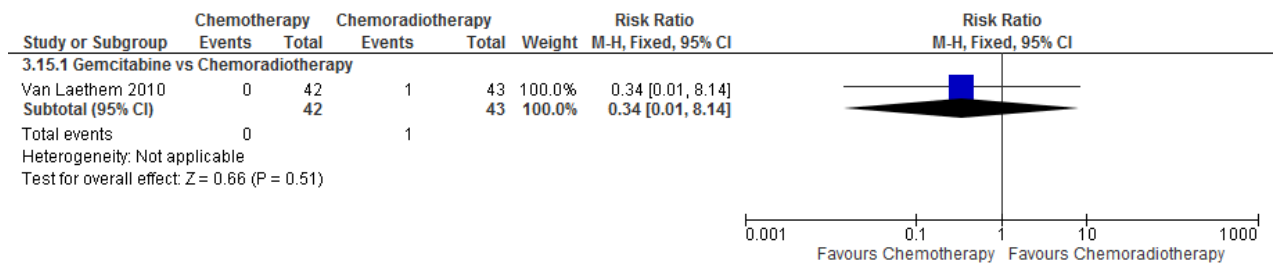
4

5 **Figure 367: # patients with Grade 3 or 4 other gastrointestinal toxicity**



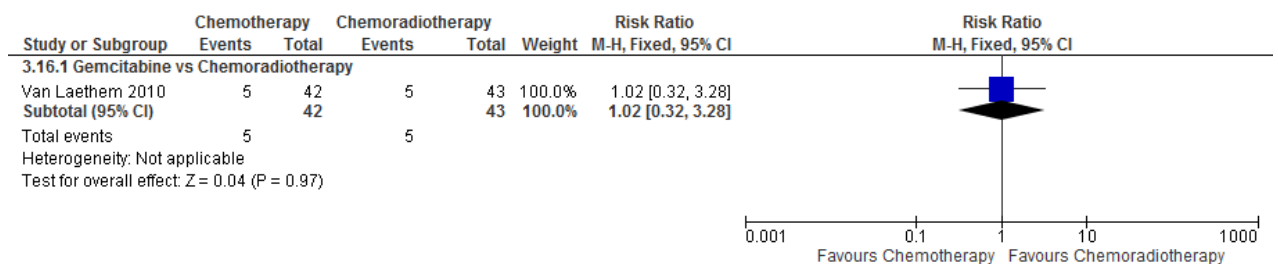
6

7 **Figure 368: # patients with Grade 3 or 4 platelets**



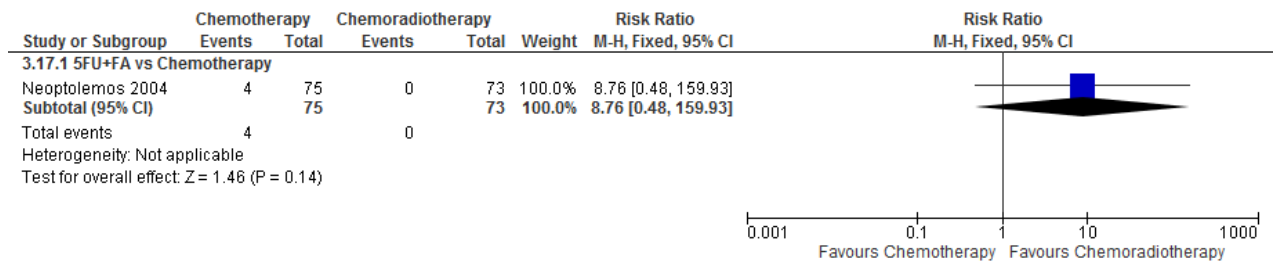
8

9 **Figure 369: # patients with Grade 3 or 4 serum glutamicpyruvic transaminase**



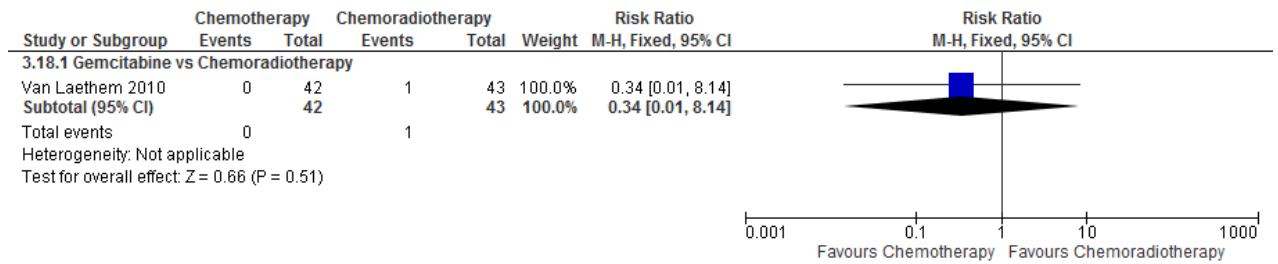
10

1 **Figure 370: # patients with Grade 3 or 4 stomatitis**



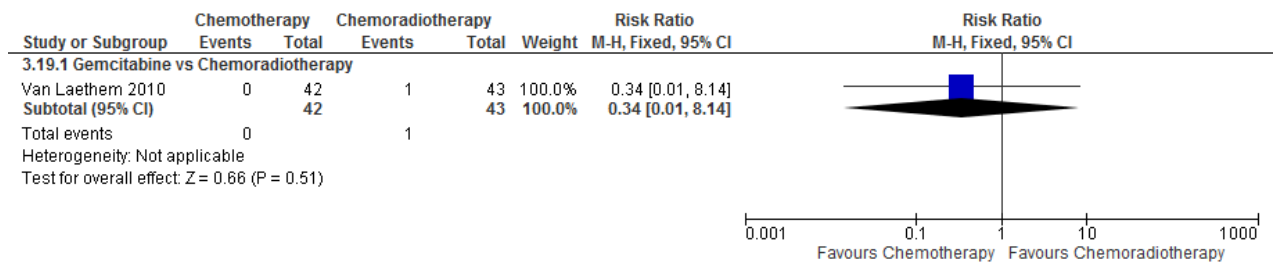
2

3 **Figure 371: # patients with Grade 3 or 4 vomiting**



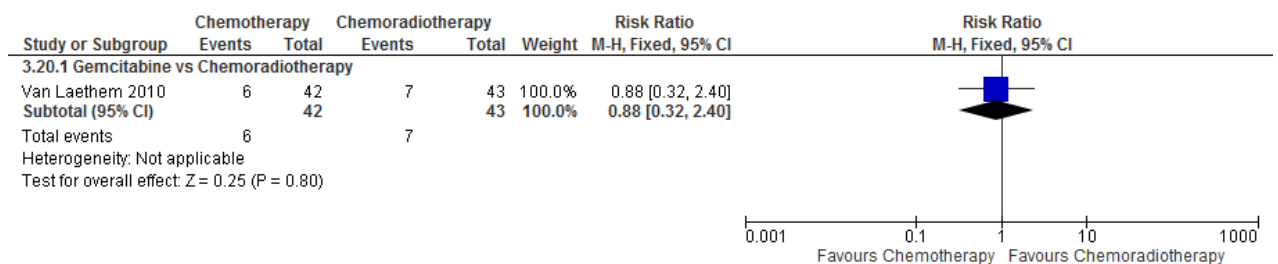
4

5 **Figure 372: # patients with Grade 3 or 4 weight loss**



6

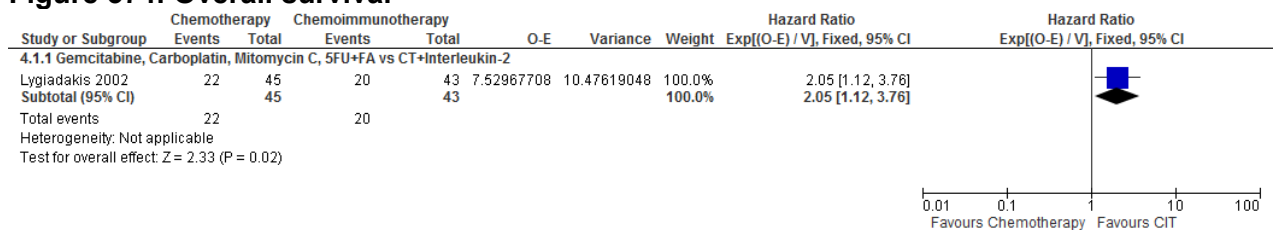
7 **Figure 373: # patients with Grade 3 or 4 white blood cell count**



8

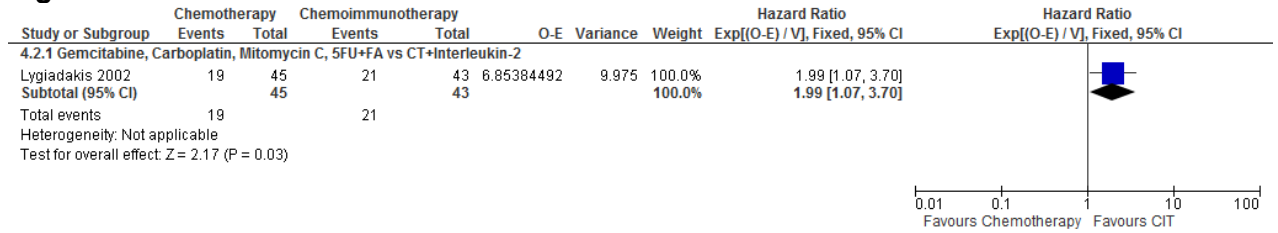
H.14.49 **Adjuvant chemotherapy versus adjuvant chemoimmunotherapy in resected pancreatic cancer patients**

11 **Figure 374: Overall survival**



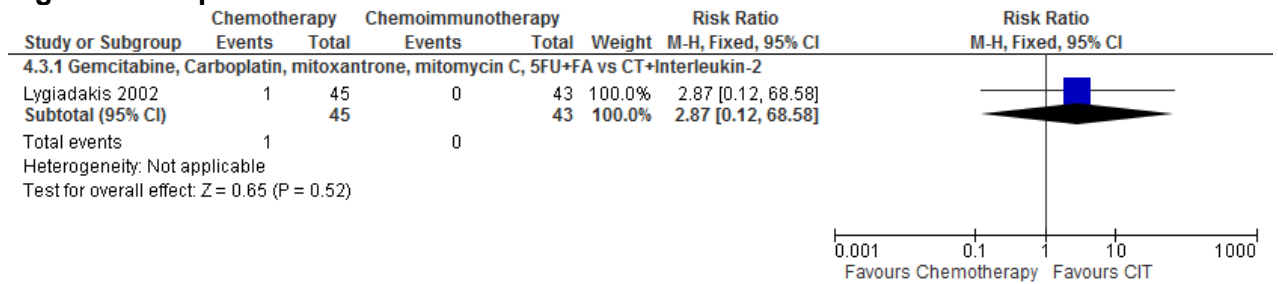
12

1 **Figure 375: Disease-free survival**



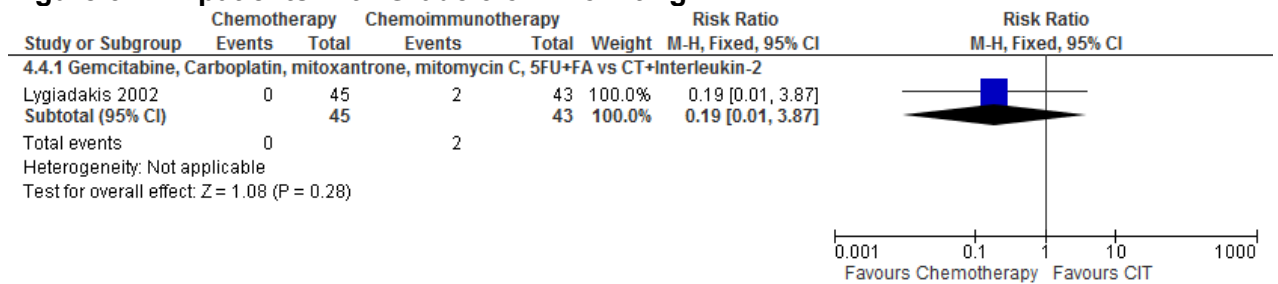
2

3 **Figure 376: # patients with Grade 3 or 4 nausea**



4

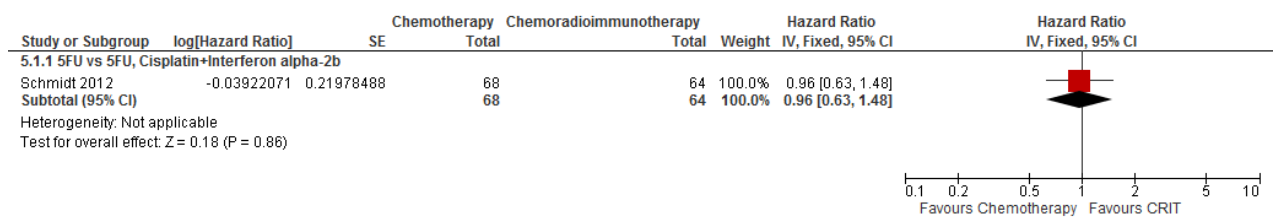
5 **Figure 377: # patients with Grade 3 or 4 vomiting**



6

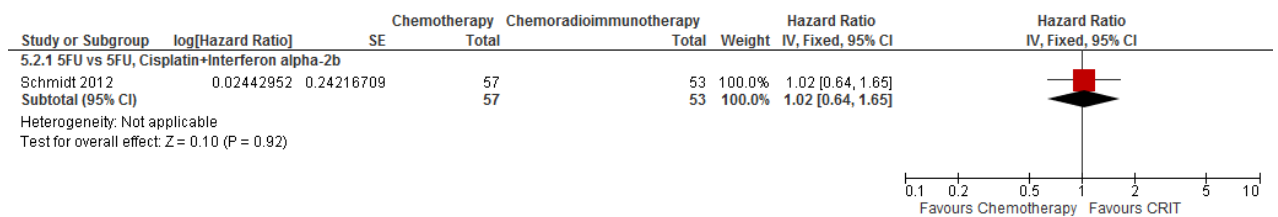
H.14.57 Adjuvant chemotherapy versus adjuvant chemoradioimmunotherapy in resected pancreatic cancer patients

9 **Figure 378: Overall survival**



10

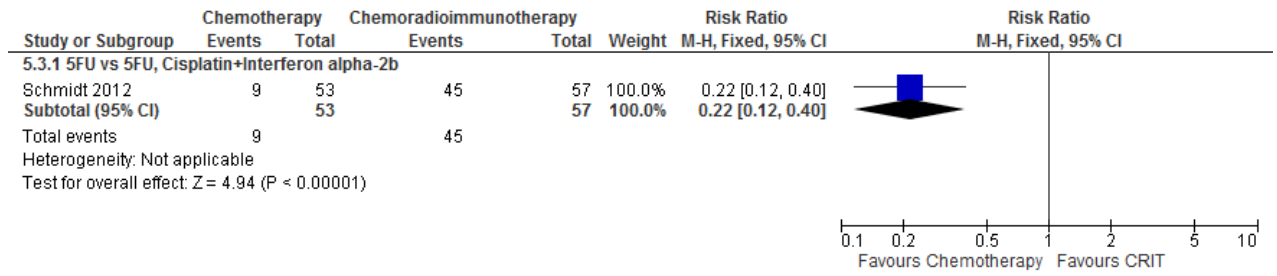
11 **Figure 379: Disease-free survival**



12

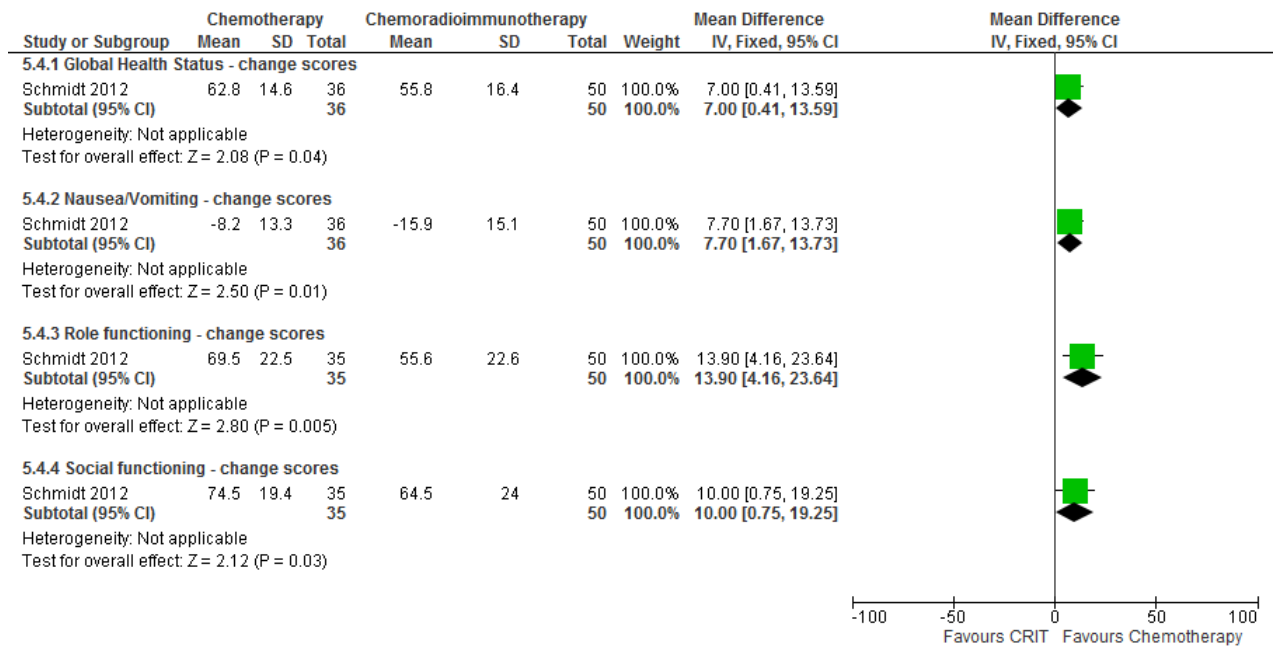
13

1 **Figure 380: # patients with any Grade 3 or 4 toxicity**



2

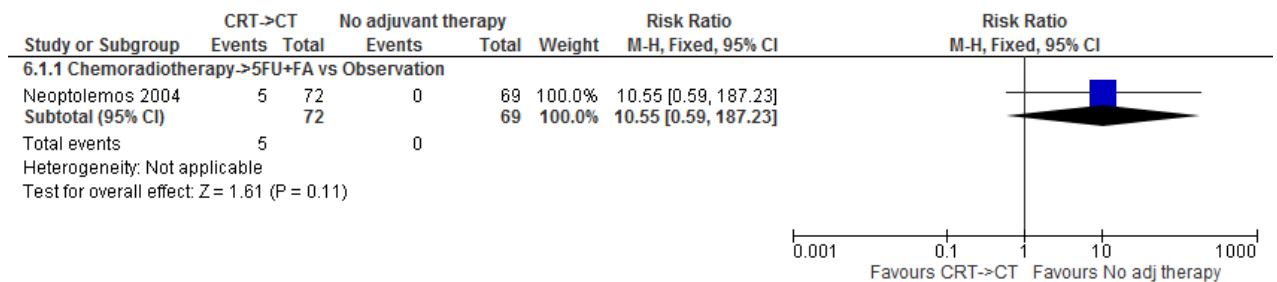
3 **Figure 381: EORTC QLQ-C30 Quality of Life subscales – change scores**



4

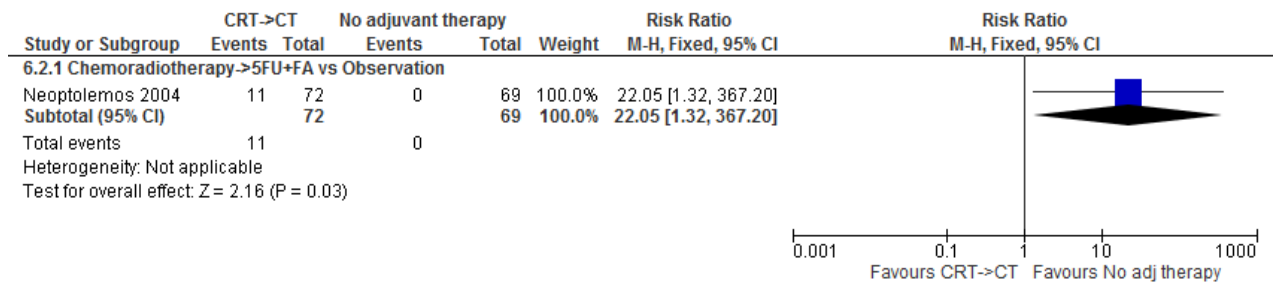
H.14.65 **Adjuvant chemoradiotherapy followed by chemotherapy versus no adjuvant
6 therapy in resected pancreatic cancer patients**

7 **Figure 382: # patients with any Grade 3 or 4 haematological toxicity**



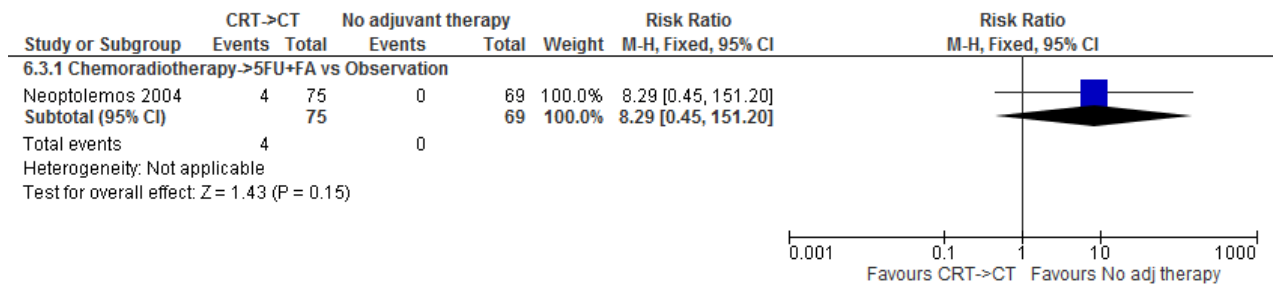
8

1 **Figure 383: # patients with any Grade 3 or 4 haematological toxicity**



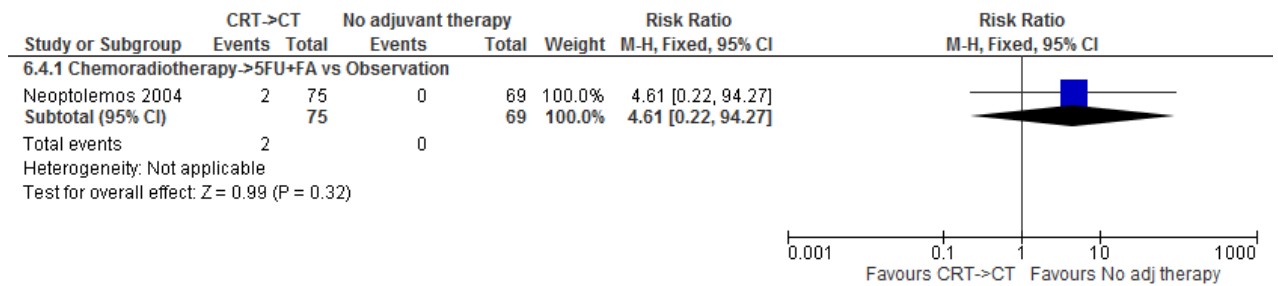
2

3 **Figure 384: # patients with Grade 3 or 4 stomatitis**



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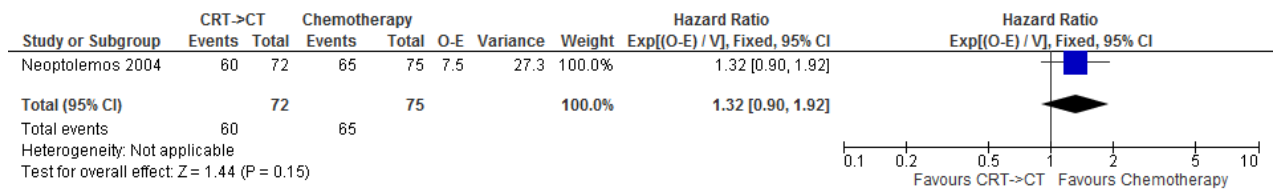
5 **Figure 385: # patients with any Grade 3 or 4 diarrhoea**



6

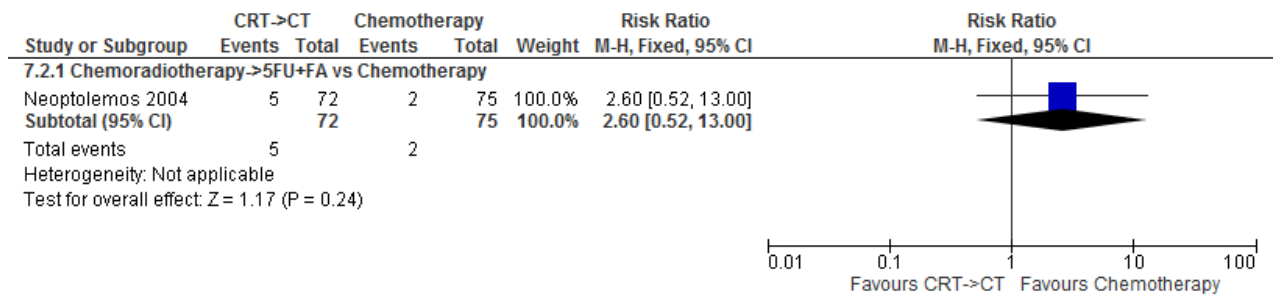
H.14.77 Adjuvant chemoradiotherapy followed by chemotherapy versus chemotherapy
8 **in resected pancreatic cancer patients**

9 **Figure 386: Overall survival**



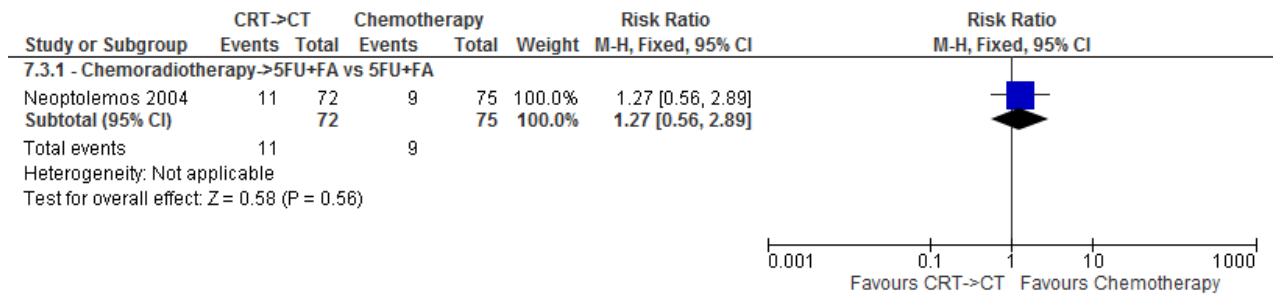
10

1 **Figure 387: # patients with any Grade 3 or 4 haematological toxicity**



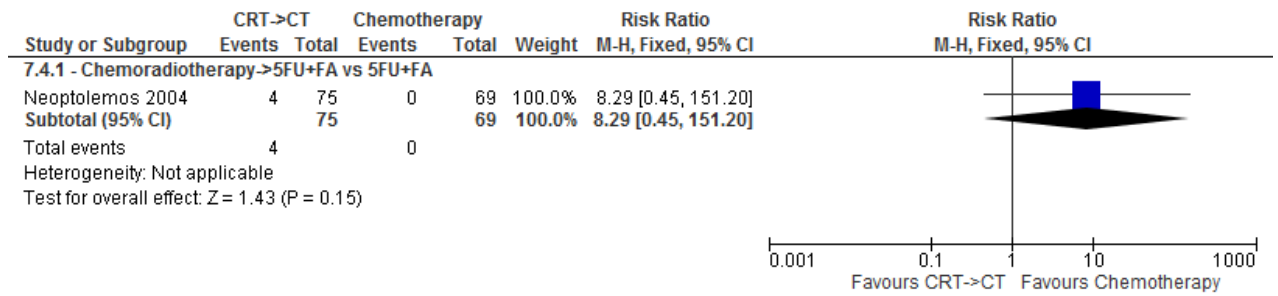
2

3 **Figure 388: # patients with any Grade 3 or 4 non-haematological toxicity**



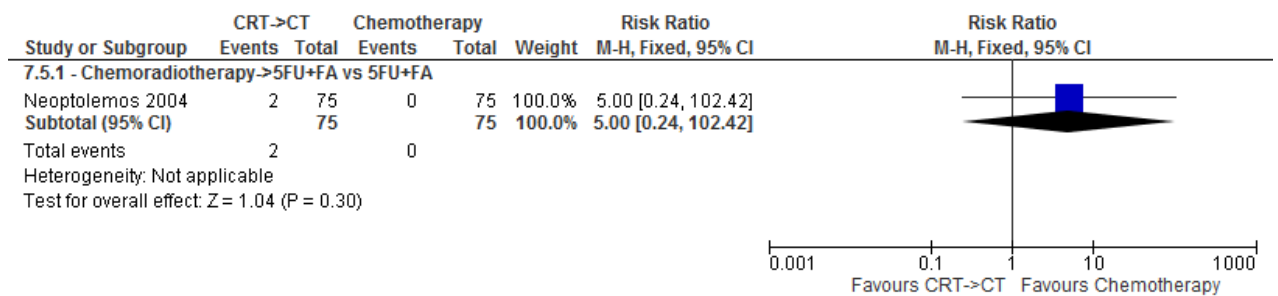
4

5 **Figure 389: # patients with Grade 3 or 4 stomatitis**



6

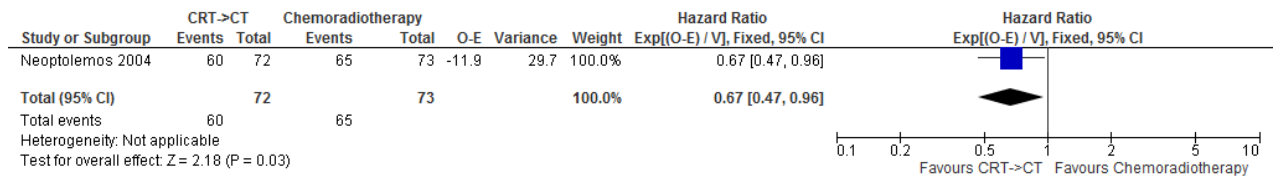
7 **Figure 390: # patients with Grade 3 or 4 diarrhoea**



8

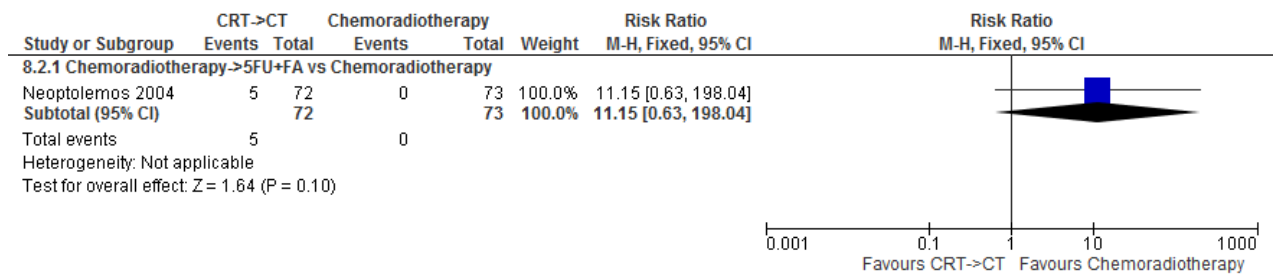
**H.14.81 Adjuvant chemoradiotherapy followed by chemotherapy versus
2 chemoradiotherapy in resected pancreatic cancer patients**

3 Figure 391: Overall survival



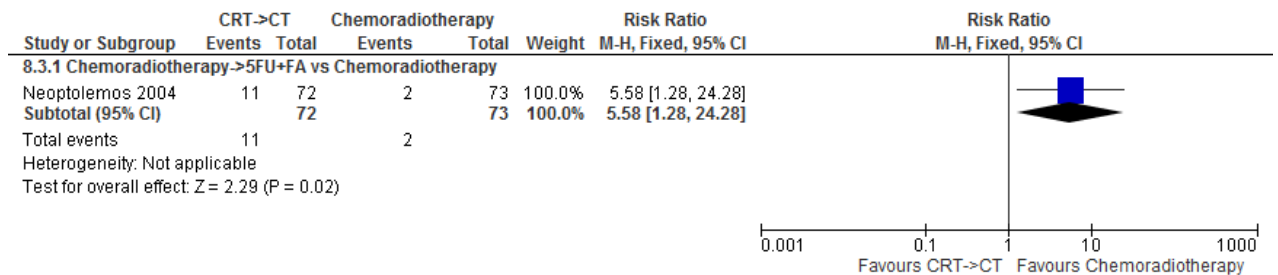
4

5 Figure 392: # patients with any Grade 3 or 4 haematological toxicity



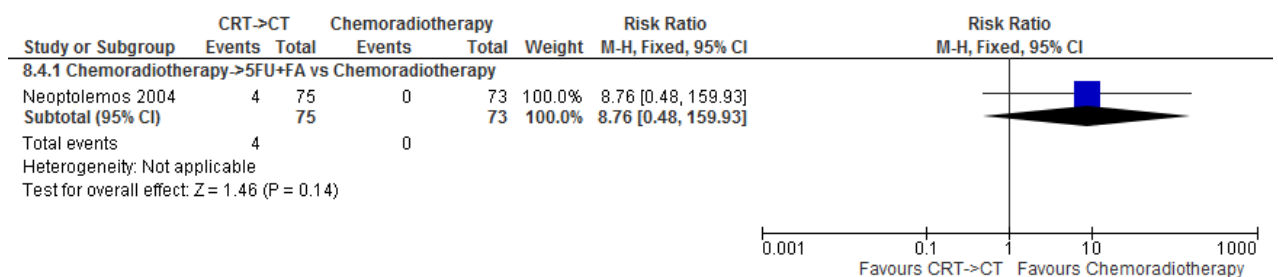
6

7 Figure 393: # patients with any Grade 3 or 4 non-haematological toxicity



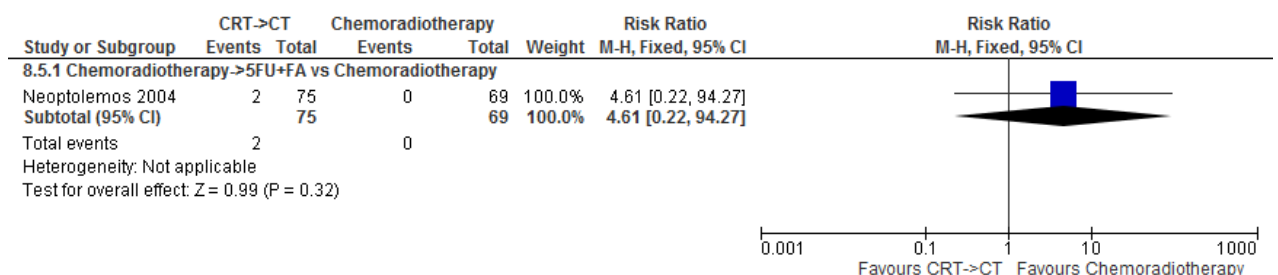
8

9 Figure 394: # patients with Grade 3 or 4 stomatitis



10

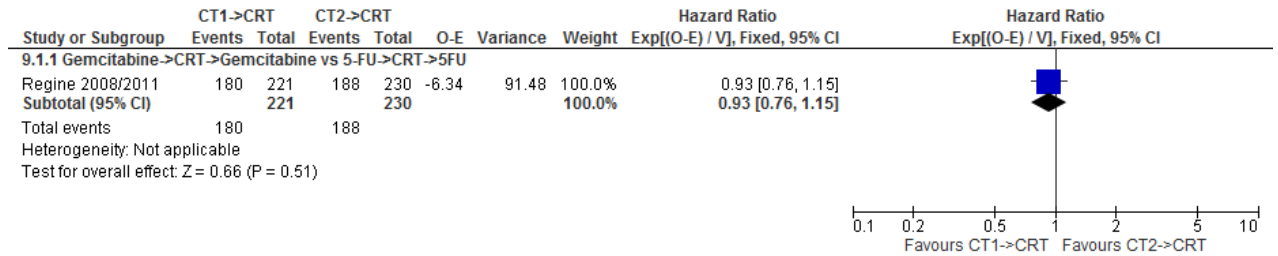
11 Figure 395: # patients with Grade 3 or 4 diarrhoea



12

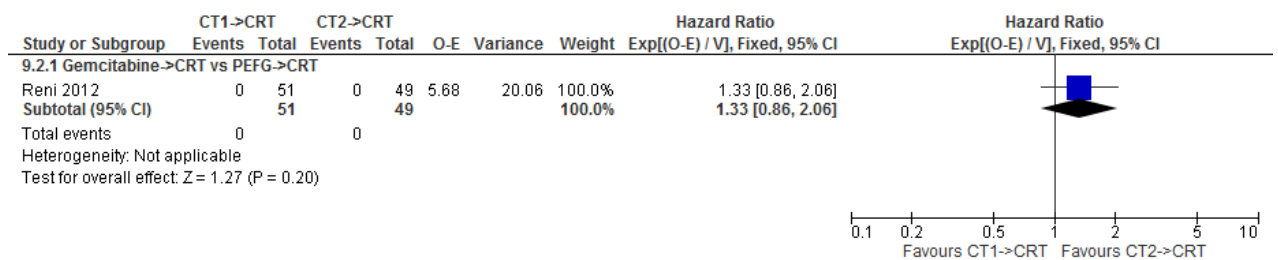
**H.14.91 Adjuvant chemotherapy-1 (gemcitabine) followed by chemoradiotherapy
2 versus chemotherapy-2 (other) followed by chemoradiotherapy in resected
3 pancreatic cancer patients**

4 Figure 396: Overall survival



5

6 Figure 397: Disease-free survival

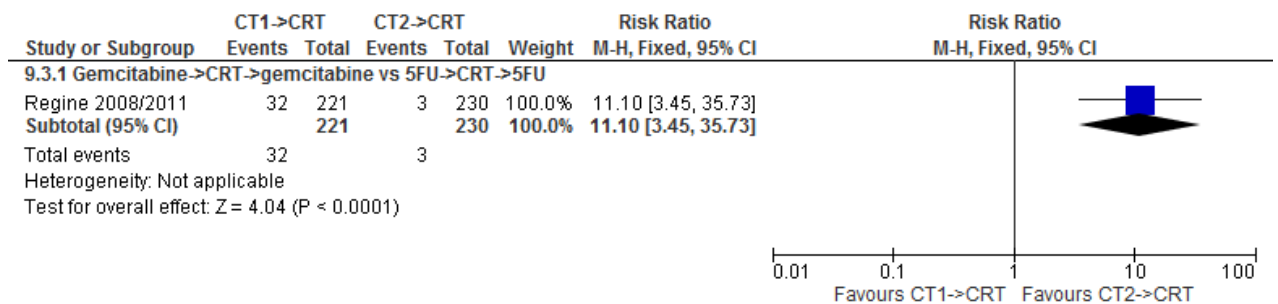


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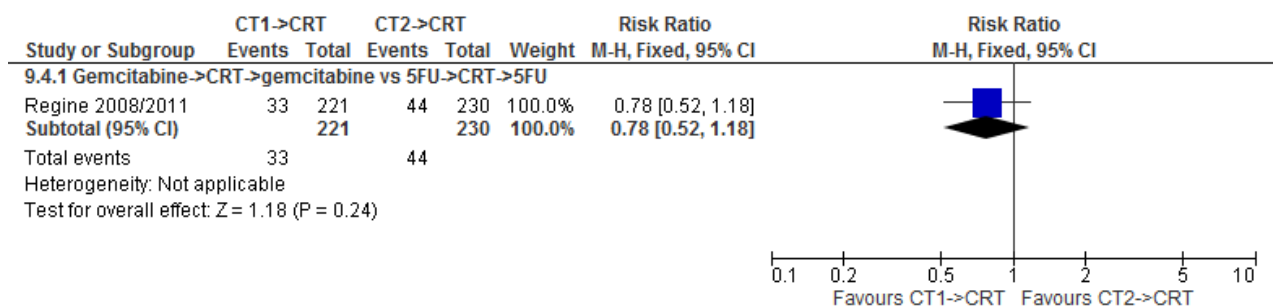
9

10 Figure 398: # patients with any Grade 4 toxicity



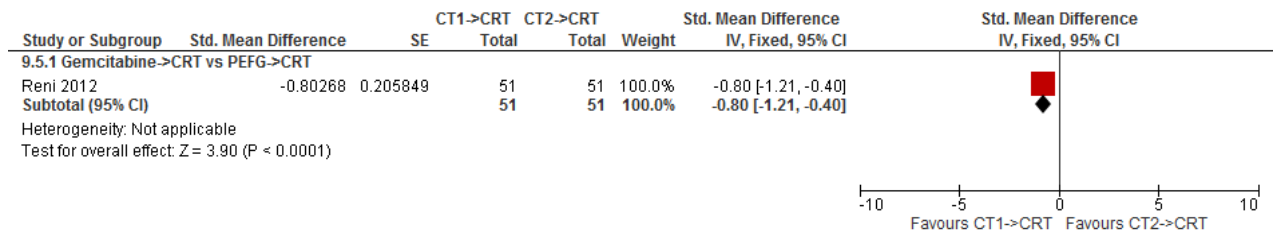
11

12 Figure 399: # patients with Grade 3 or 4 diarrhoea



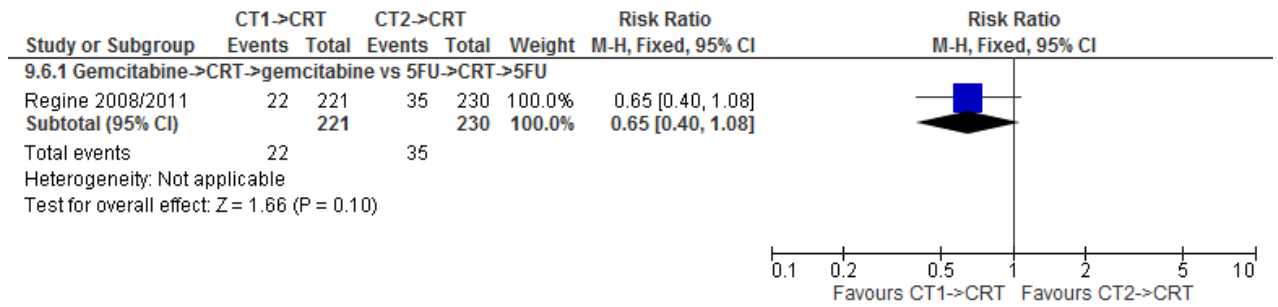
13

1 **Figure 400: # patients with Grade 3 or 4 neutropenia**



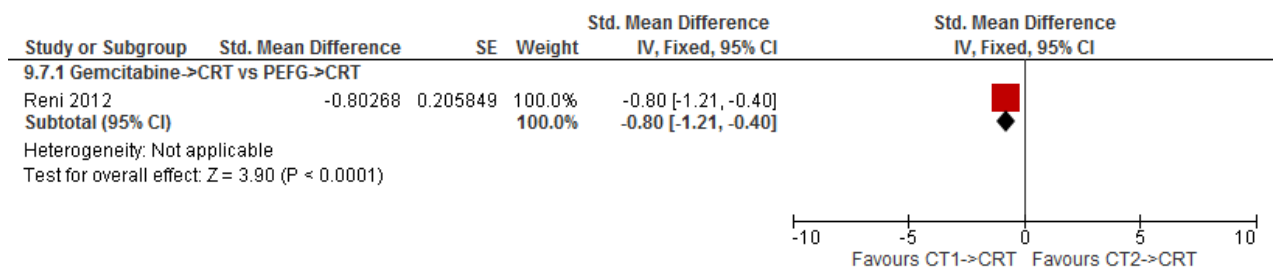
2

3 **Figure 401: # patients with Grade 3 or 4 stomatitis**



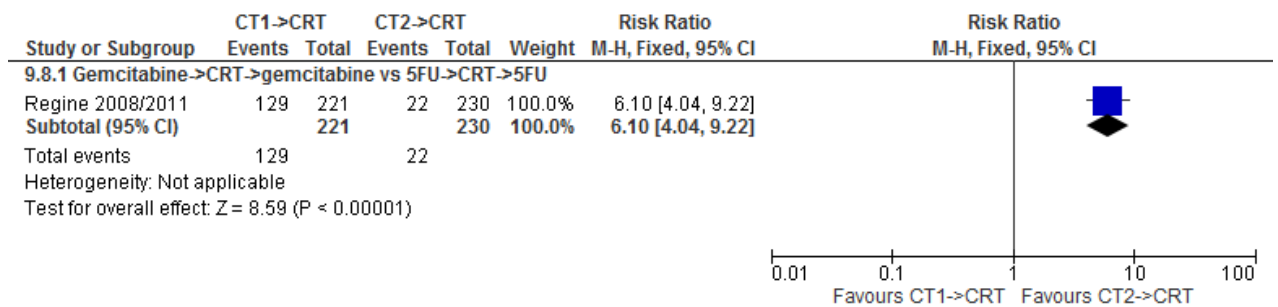
4

5 **Figure 402: # patients with Grade 3 or 4 thrombocytopenia**



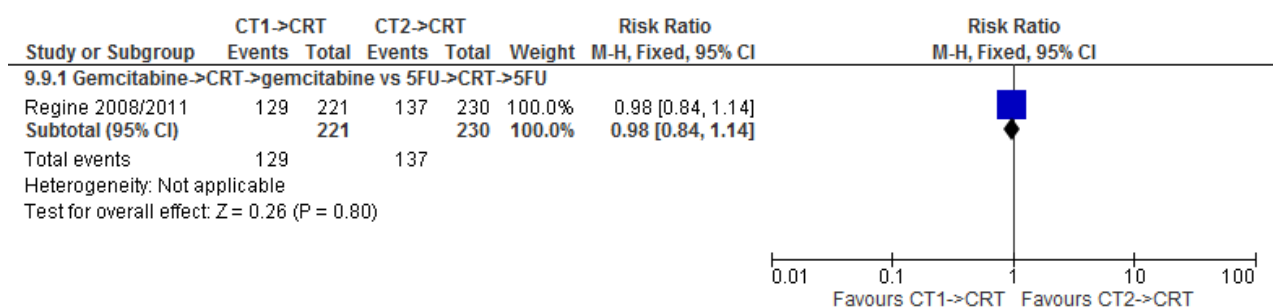
6

7 **Figure 403: # patients with Grade 3 or 4 worst haematological toxicities**



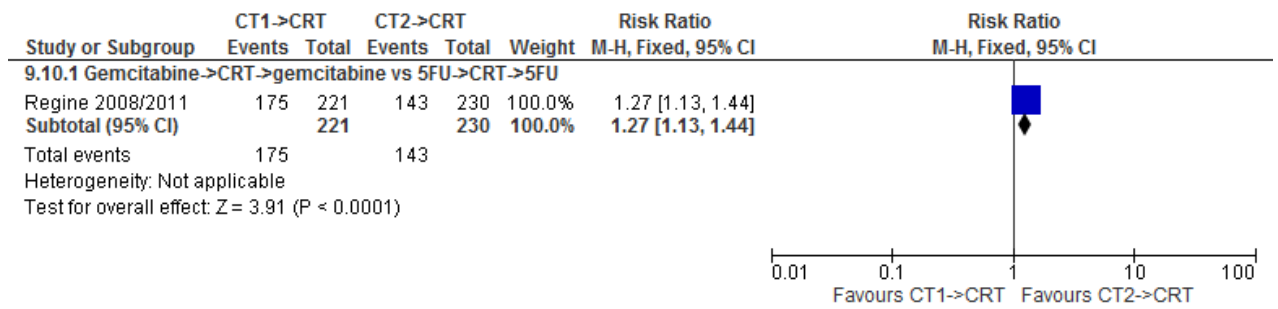
8

9 **Figure 404: # patients with Grade 3 or 4 worst non-haematological toxicities**



10

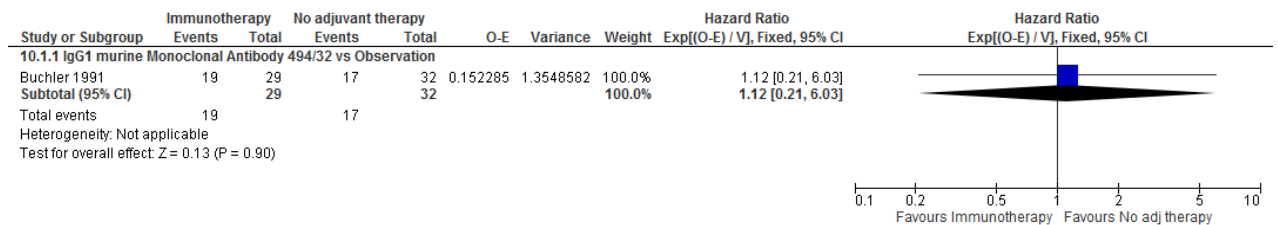
1 **Figure 405: # patients with Grade 3 or 4 worst overall toxicities**



2

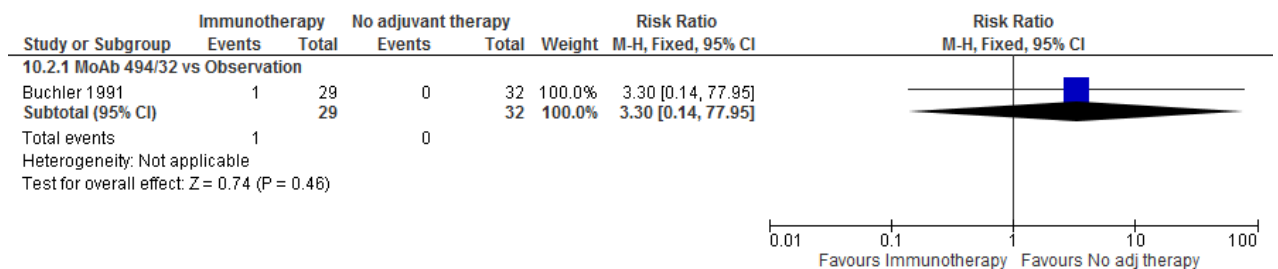
H.14.103 **Adjuvant immunotherapy versus no adjuvant therapy in resected pancreatic cancer patients**

5 **Figure 406: Overall survival**



6

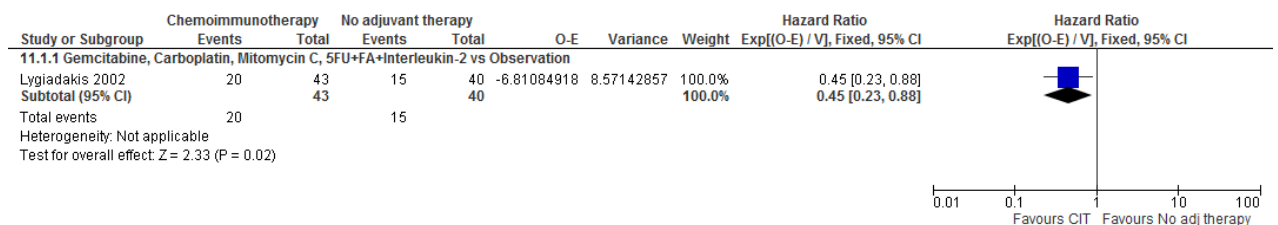
7 **Figure 407: # patients with Grade 3 or 4 abdominal pain**



8

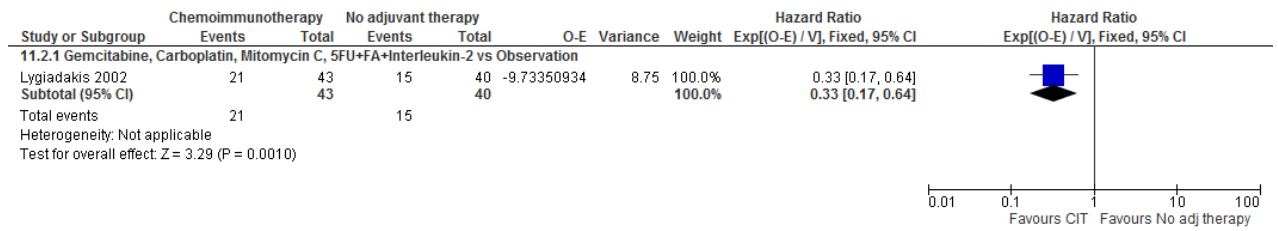
H.14.119 **Adjuvant chemoimmunotherapy versus no adjuvant therapy in resected pancreatic cancer patients**

11 **Figure 408: Overall survival**



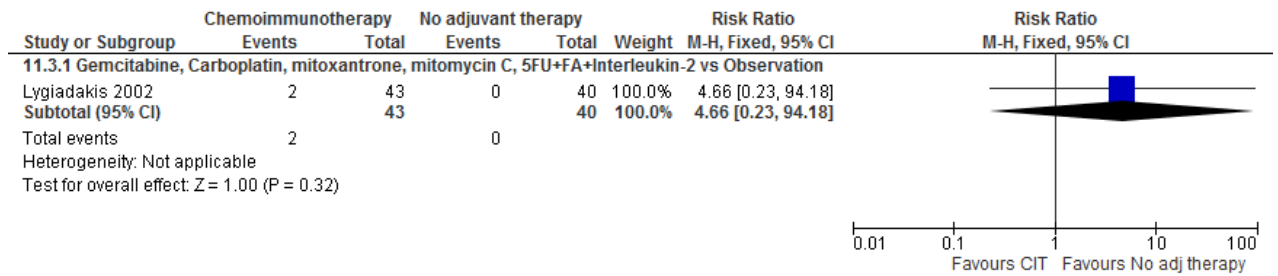
12

1 **Figure 409: Disease-free survival**



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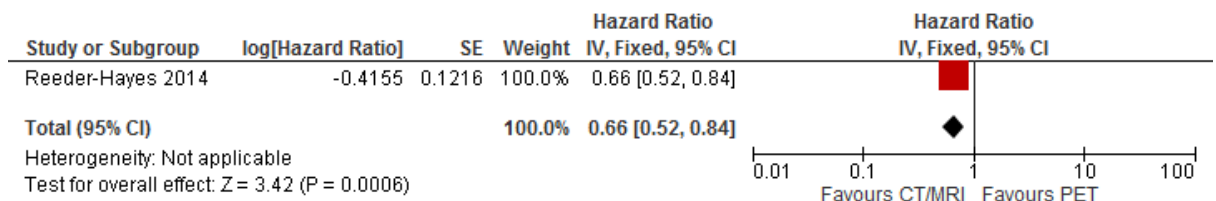
3 **Figure 410: # patients with Grade 3 or 4 vomiting**



4

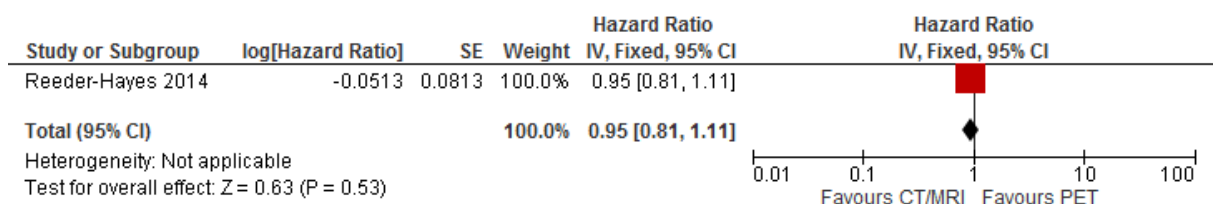
H.155 Follow-up for people with resected pancreatic cancer

6 **Figure 411: CT/MRI versus PET on mortality (time-varying exposure model) in**
7 **“surgical group” of pancreatic cancer patients**



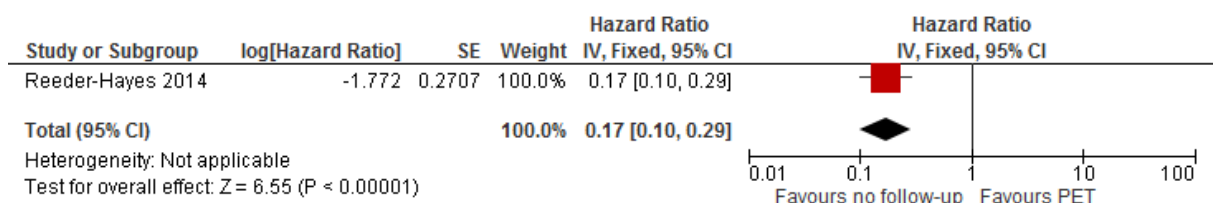
8

9 **Figure 412: CT/MRI versus PET on mortality (time-varying exposure model) in**
10 **“borderline group” of pancreatic cancer patients**



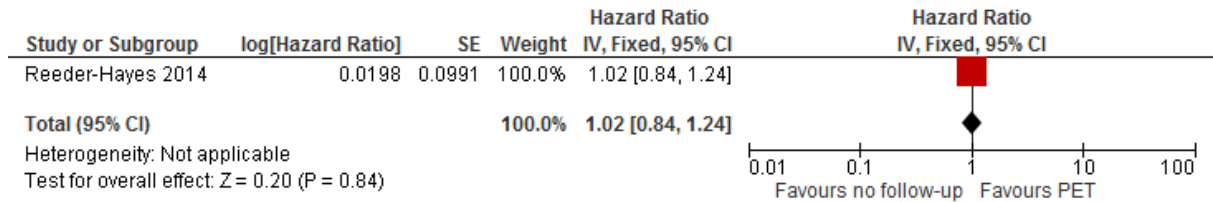
11

12 **Figure 413: No follow-up versus PET on mortality (time-varying exposure model) in**
13 **“surgical group” of pancreatic cancer patients**



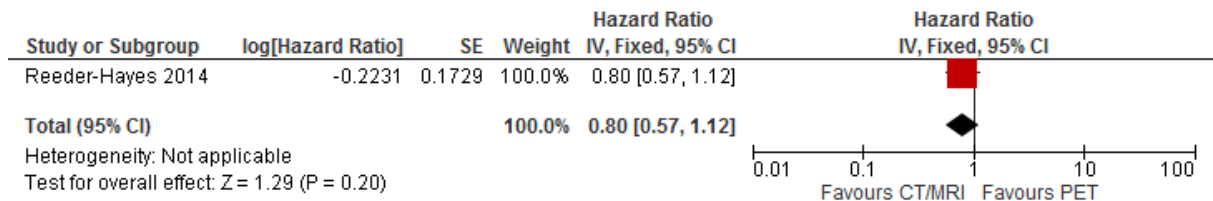
14

1 **Figure 414: No follow-up versus PET on mortality (time-varying exposure model) in**
 2 **“borderline group” of pancreatic cancer patients**



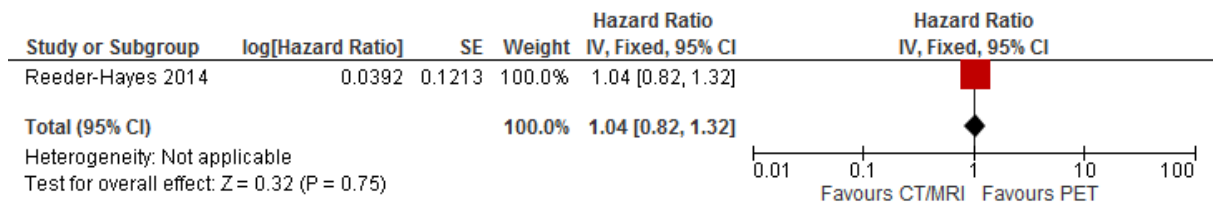
3

4 **Figure 415: CT/MRI versus PET on survival beyond 180 days in “surgical group” of**
 5 **pancreatic cancer patients**



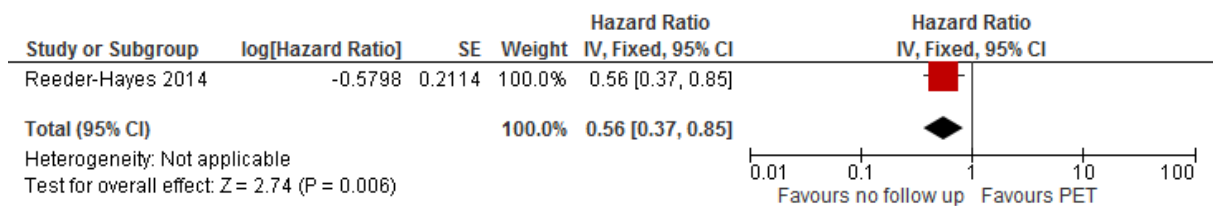
6

7 **Figure 416: CT/MRI versus PET on survival beyond 180 days in “borderline group” of**
 8 **pancreatic cancer patients**



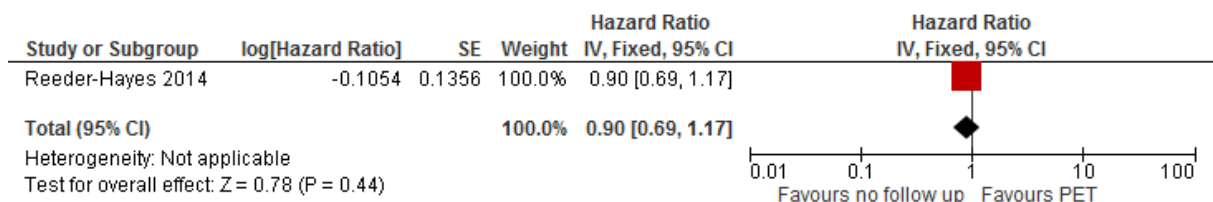
9

10 **Figure 417: No follow-up versus PET on survival beyond 180 days in “surgical group”**
 11 **of pancreatic cancer patients**



12

13 **Figure 418: No follow-up versus PET on survival beyond 180 days in “borderline**
 14 **group” of pancreatic cancer patients**



15

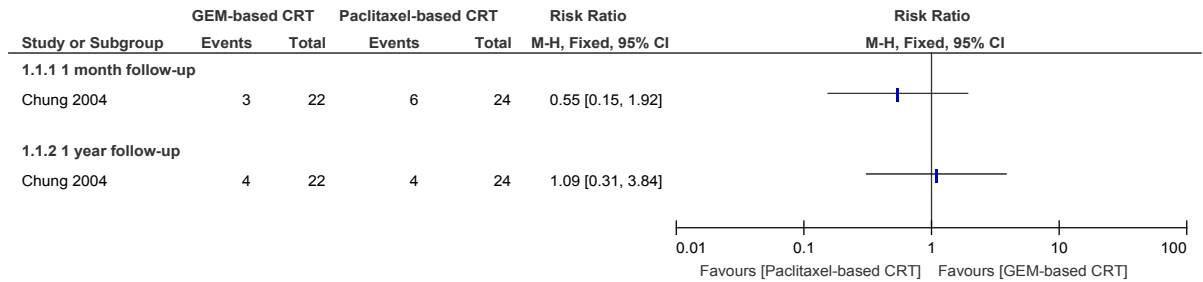
16

H.16¹ Management of locally advanced pancreatic cancer

H.16.12 Different chemoradiotherapy regimens

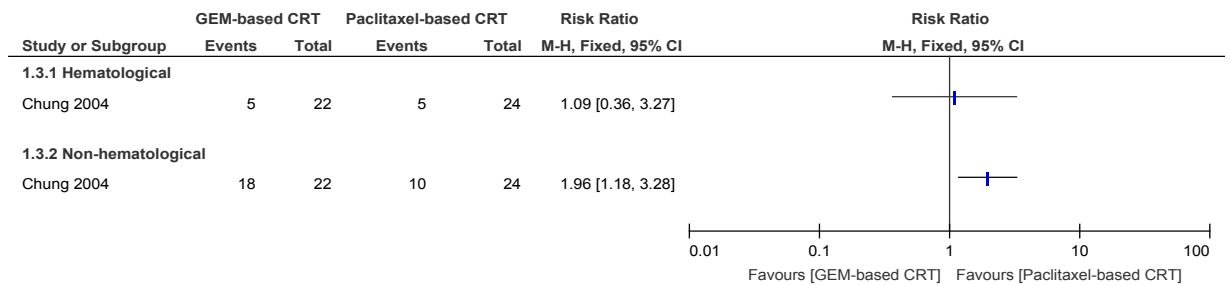
3 Figure 419: GEM-CRT versus paclitaxel-CRT – Overall response rates (CR+PR) at 1 4 month and 1 year follow-up

5



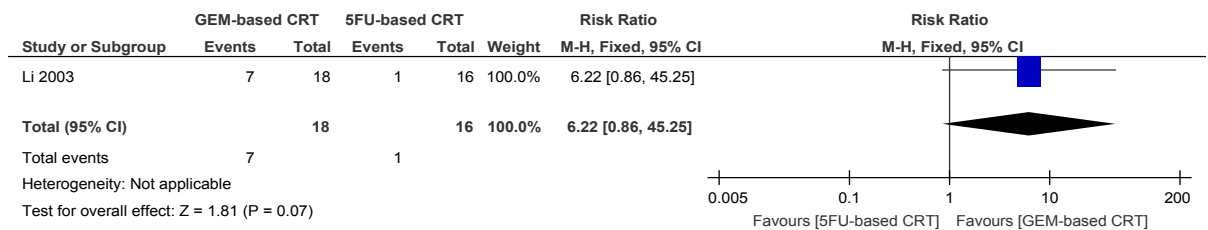
6

7 Figure 420: GEM-CRT versus paclitaxel-CRT – Adverse effects - Grade 3/4 toxicities



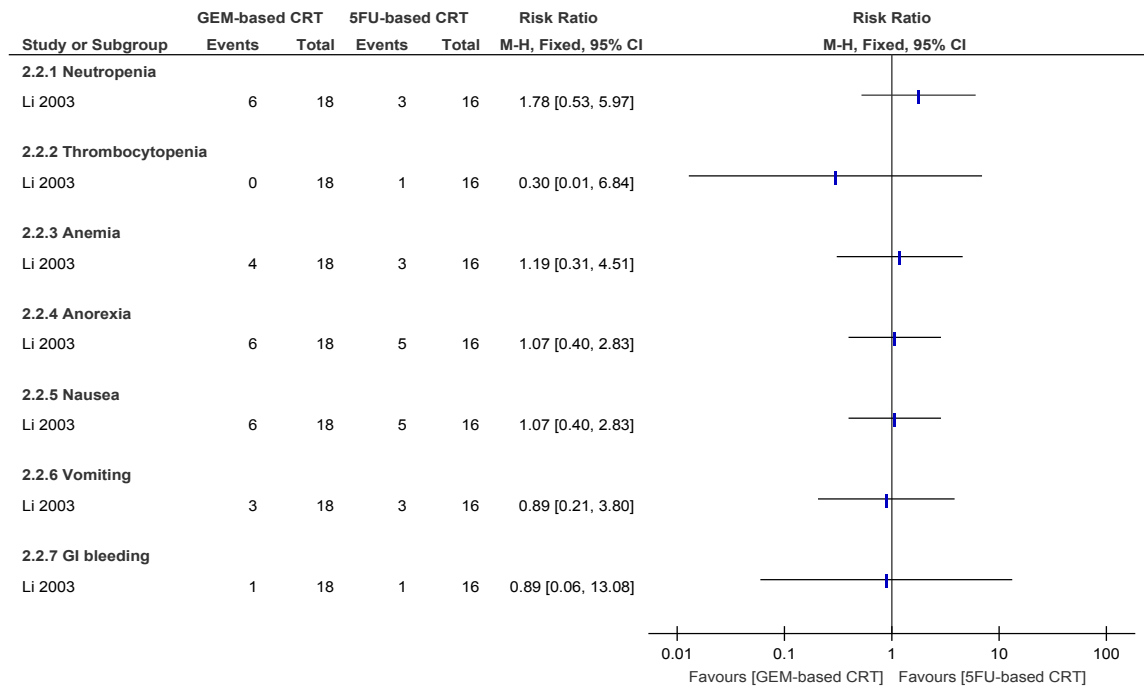
8

9 Figure 421: GEM-CRT versus 5FU-CRT – Overall pain control – follow-up not 10 reported



11

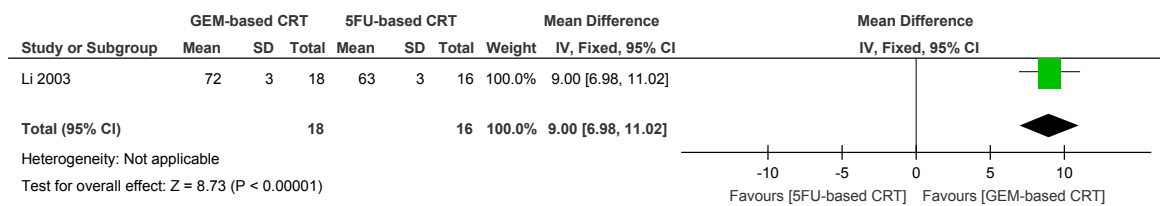
1 **Figure 422: GEM-CRT versus 5FU-CRT – Adverse effects - Grade 3/4 toxicities**



2

3 **Figure 423: GEM/Cisplatin-CRT versus 5FU-CRT – HQRL: Average monthly Karnofsky performance score**

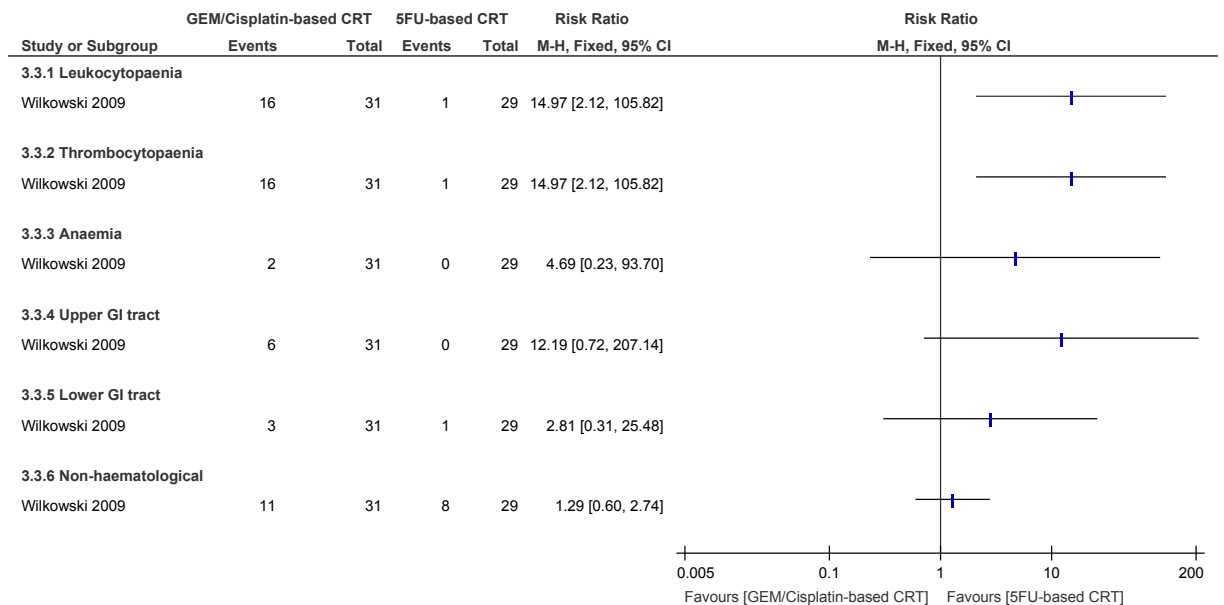
4



5

6 **Figure 424: GEM/Cisplatin-CRT versus 5FU-CRT – Adverse effects, Grade 3/4 toxicities**

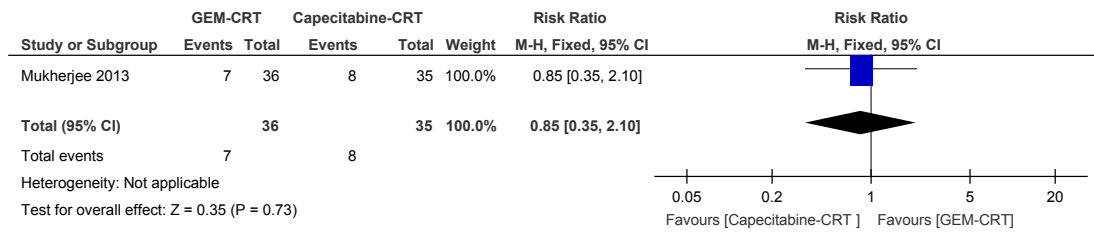
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8

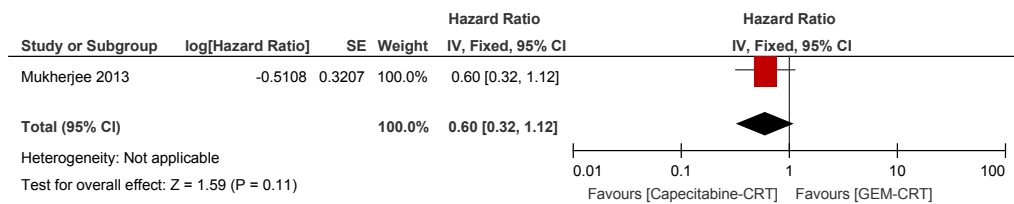
H.16.21 Different chemoradiotherapy regimens after induction chemotherapy

2 **Figure 425: GEM-CRT versus capecitabine-CRT after induction CT – Overall**
3 **response rates (CR+PR)**



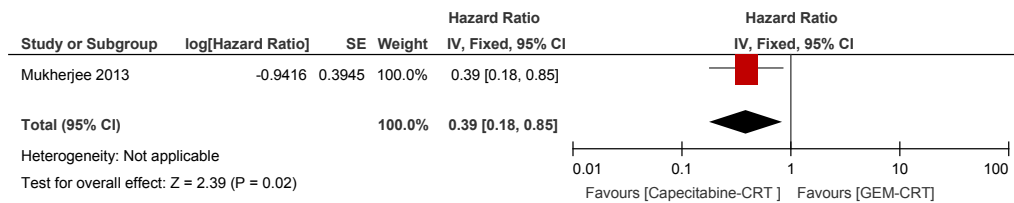
4

5 **Figure 426: GEM-CRT versus capecitabine-CRT after induction CT – PFS**



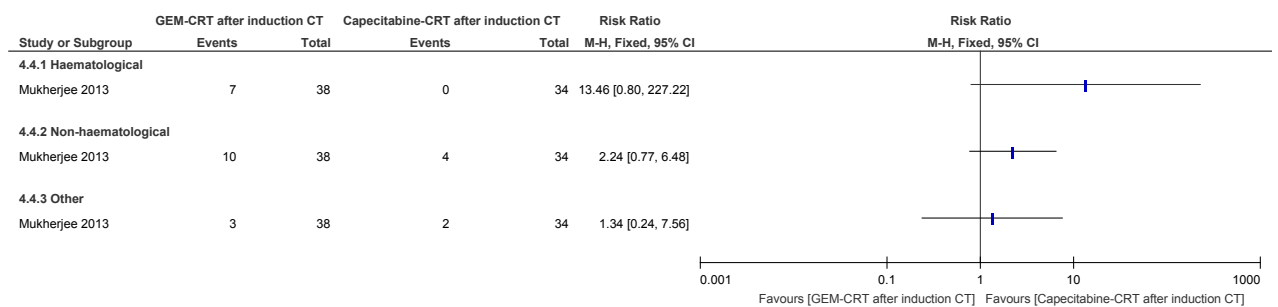
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7 **Figure 427: GEM-CRT versus capecitabine-CRT after induction CT – Overall Survival**



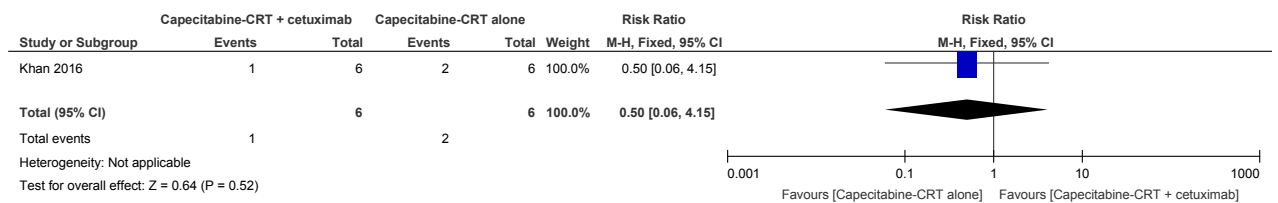
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9 **Figure 428: GEM-CRT versus capecitabine-CRT after induction CT – Adverse effects**
10 **- Grade 3/4 toxicities**



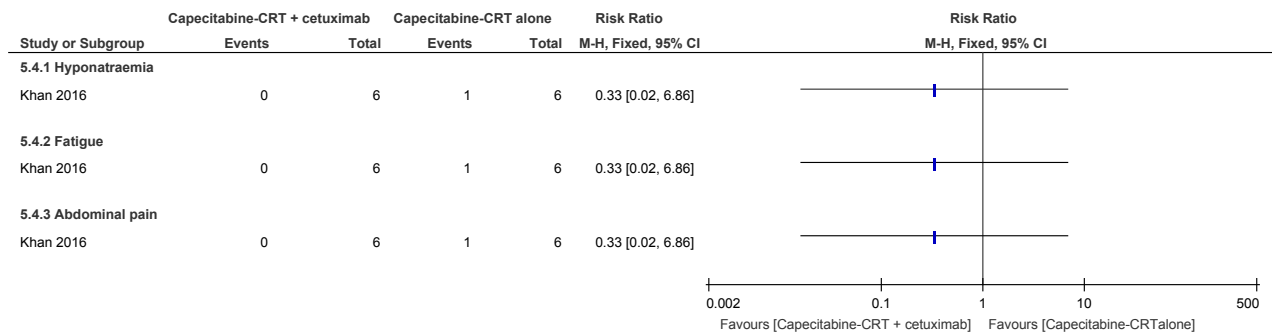
11

12 **Figure 429: Capecitabine-CRT + cetuximab versus capecitabine-CRT alone after**
13 **induction CT – Objective response rate**



14

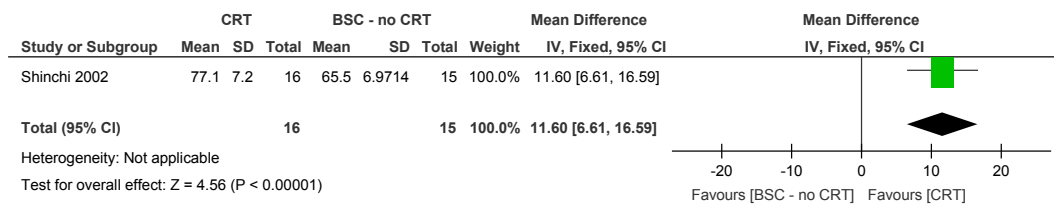
1 **Figure 430: Capecitabine-CRT + cetuximab versus capecitabine-CRT alone after**
2 **induction CT – Objective response rate**



3

H.16.34 Chemoradiotherapy versus best supportive care

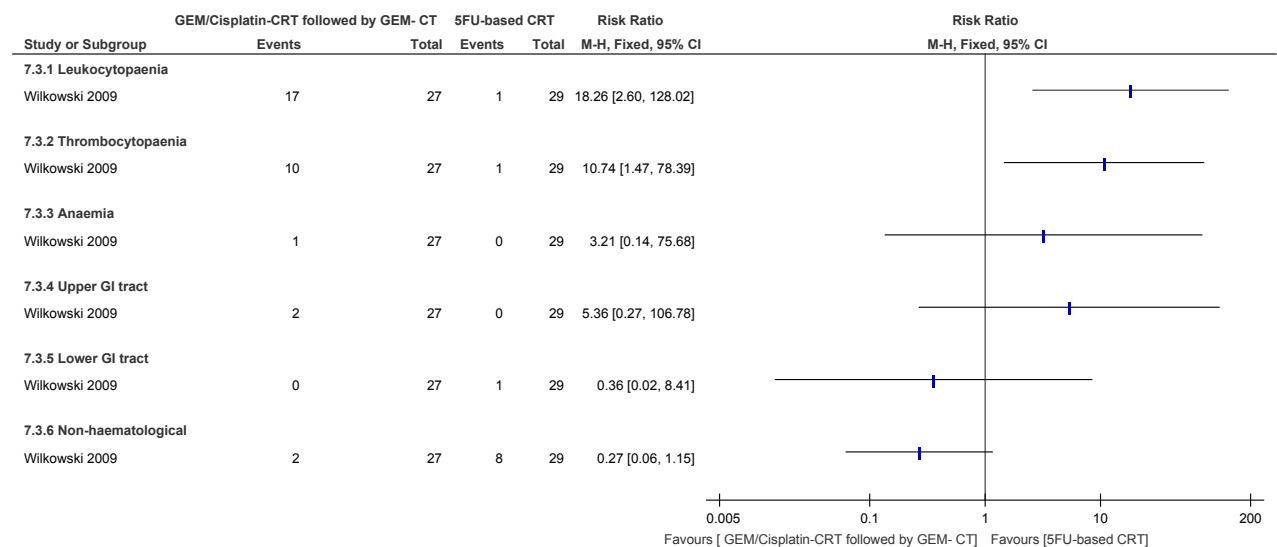
5 **Figure 431: CRT versus best supportive care -no CRT– HQRL: Average of monthly**
6 **Karnofsky scores**



7

H.16.48 Chemoradiotherapy followed by chemotherapy versus chemoradiotherapy
9 **alone**

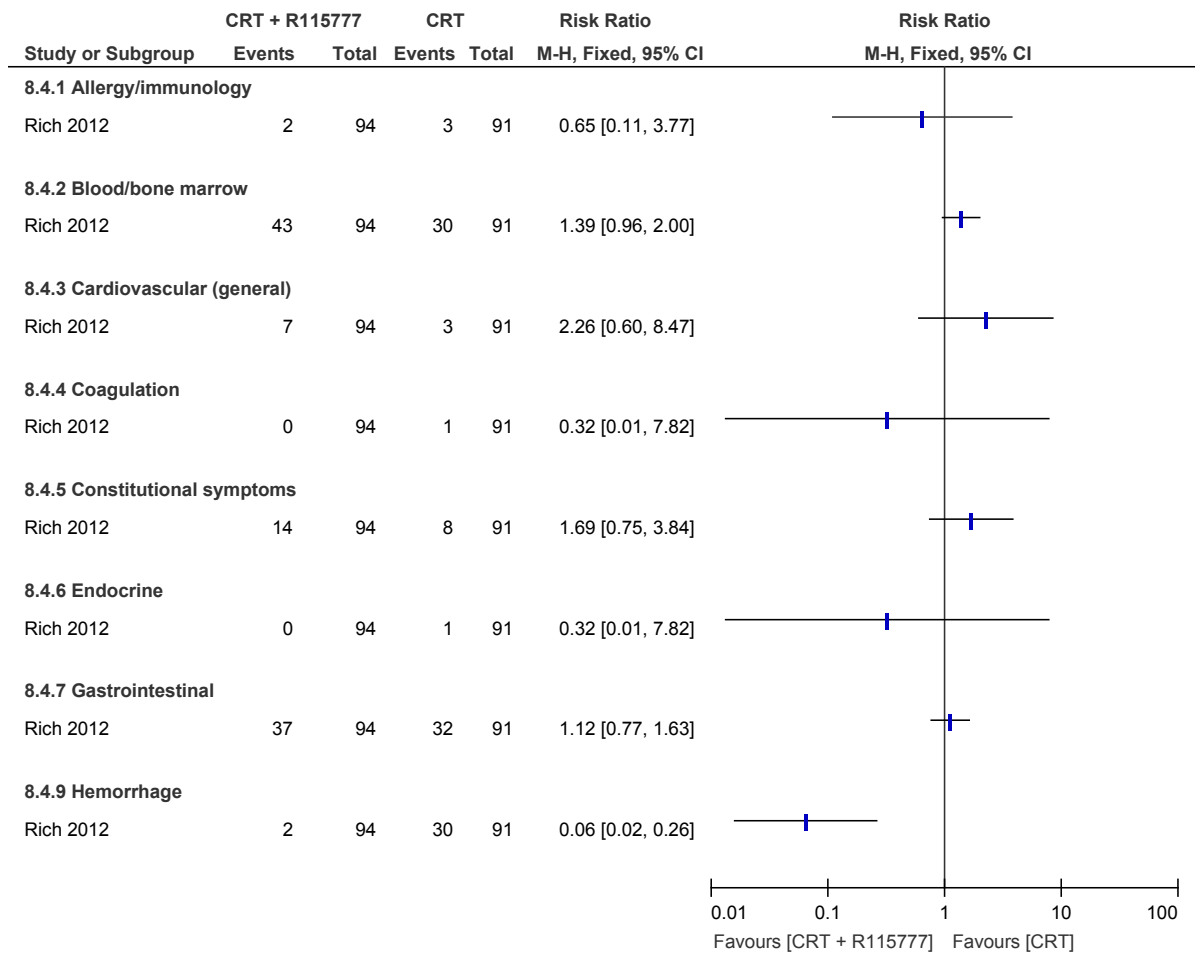
10 **Figure 432: CRT followed by CT versus CRT – Adverse effects - Grade 3/4 toxicities**



11

H.16.51 Chemoradiotherapy + R115777 versus chemoradiotherapy

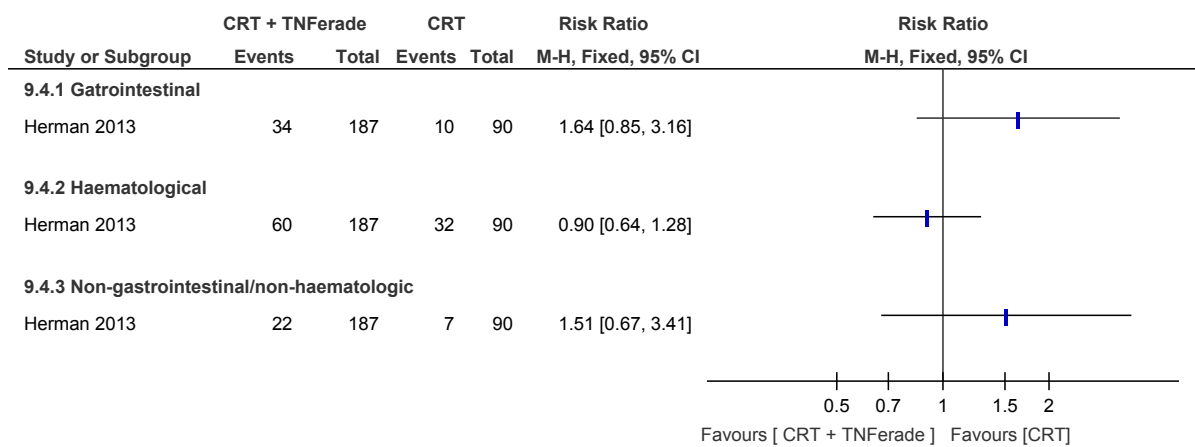
2 **Figure 433: CRT + R115777 versus CRT– Adverse effects - Grade 3/4 toxicities**



3

H.16.64 Chemoradiotherapy + TNFerade versus chemoradiotherapy

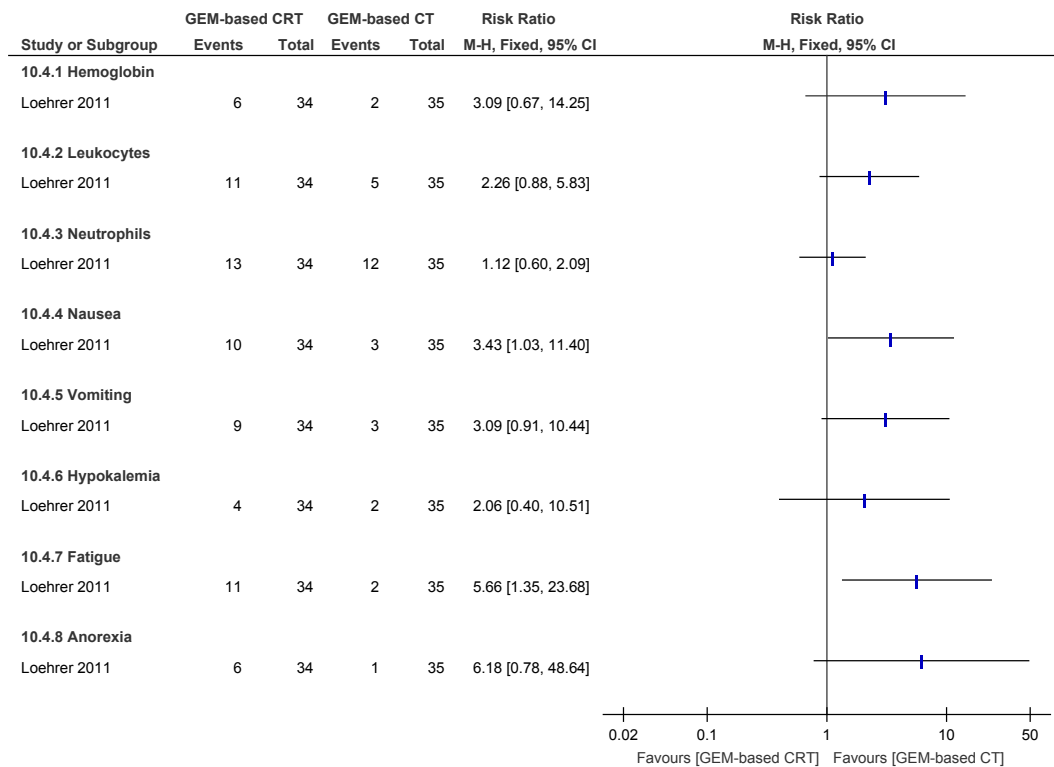
5 **Figure 434: CRT + TNFerade versus CRT – Adverse effects - Grade 3/4 toxicities**



6

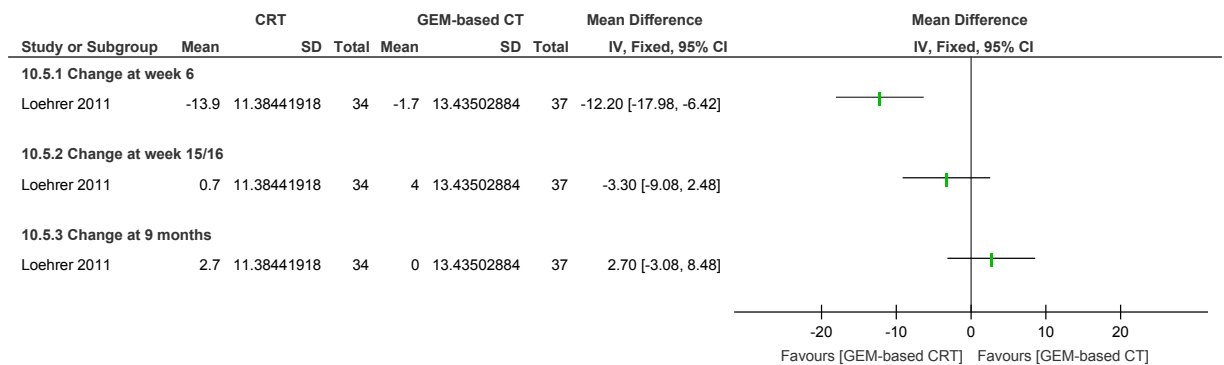
H.16.71 Chemoradiotherapy versus chemotherapy

2 Figure 435: CRT versus CT – Adverse effects - Grade 3/4 toxicities



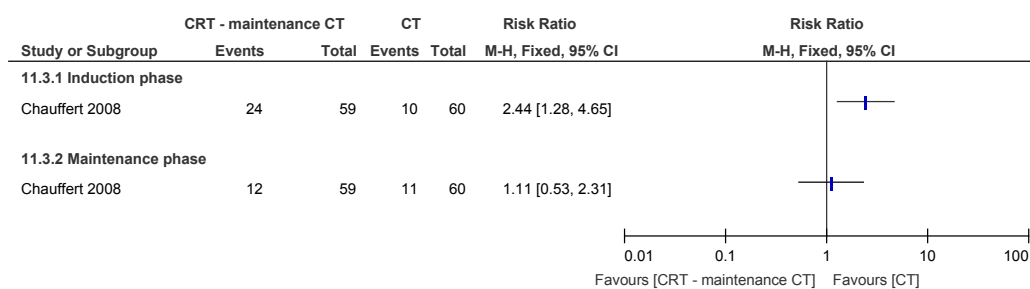
3

4 Figure 436: CRT versus CT – HQRL - Trial outcome index [mean difference of change from baseline] at week 6, 15/16 and at 9 months follow-up



6

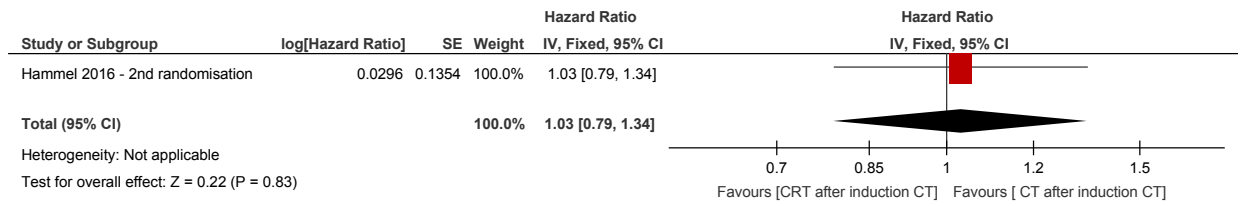
7 Figure 437: CRT versus CT followed by maintenance GEM-CT– Adverse effects - Grade 3/4 toxicities



9

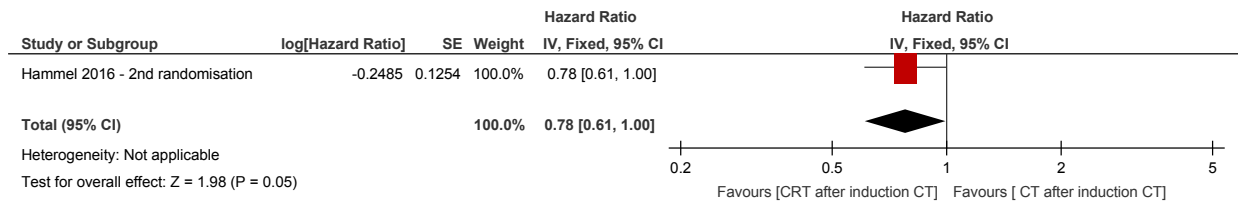
H.16.81 Chemoradiotherapy versus chemotherapy after induction chemotherapy

2 Figure 438: CRT versus CT after CT induction therapy – Overall survival



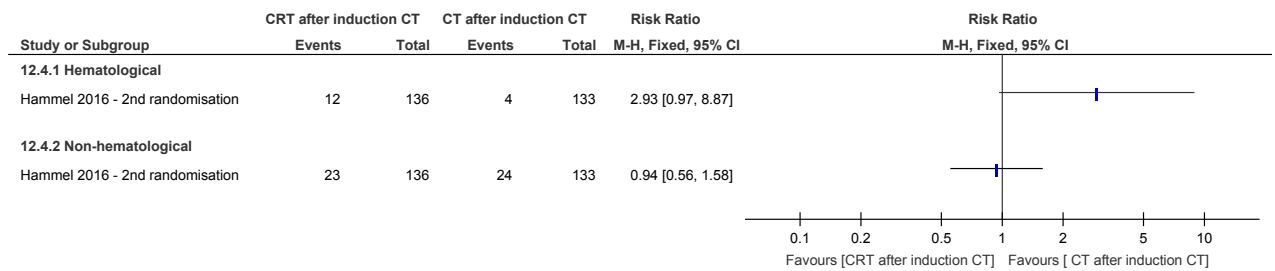
3

4 Figure 439: CRT versus CT after CT induction therapy – PFS



5

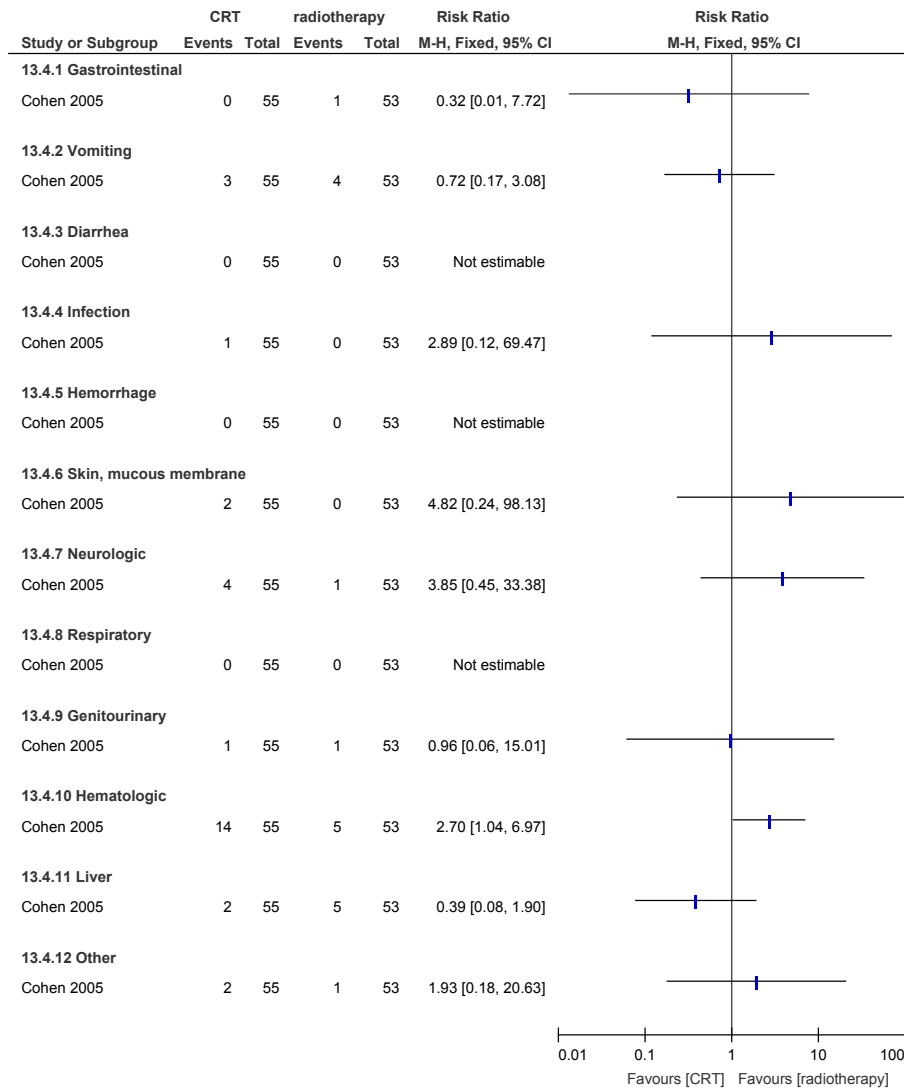
6 Figure 440: CRT versus CT after CT induction therapy – Adverse effects - Grade 3/4 toxicities



8

H.16.91 Chemoradiotherapy versus radiotherapy

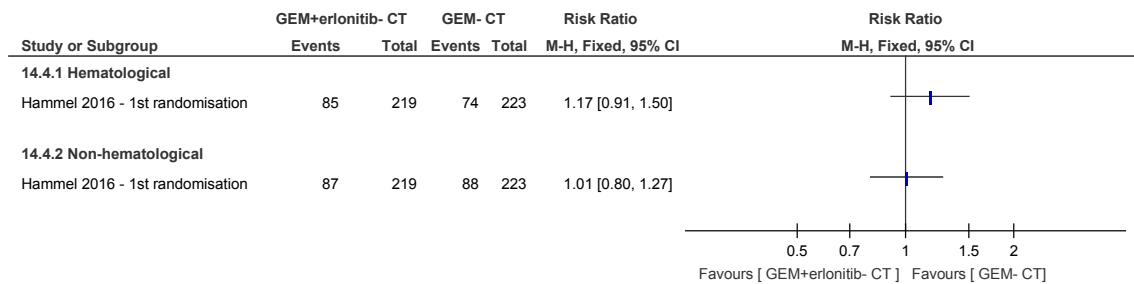
2 **Figure 441: CRT versus radiotherapy – Adverse effects - Grade 3/4 toxicities**



3

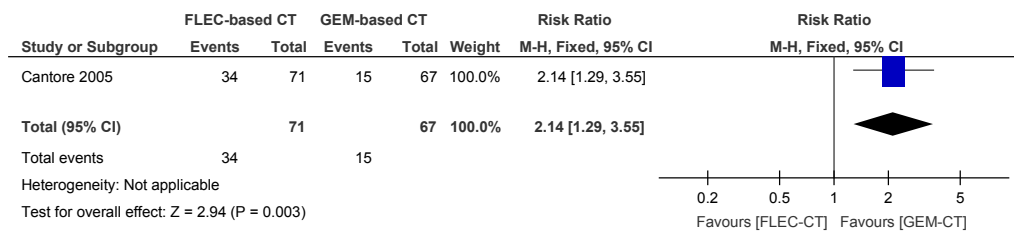
H.16.104 Different chemotherapy regimens

5 **Figure 442: GEM+erlonitib-CT versus GEM-CT – Adverse effects - Grade 3/4 toxicities**
6



7

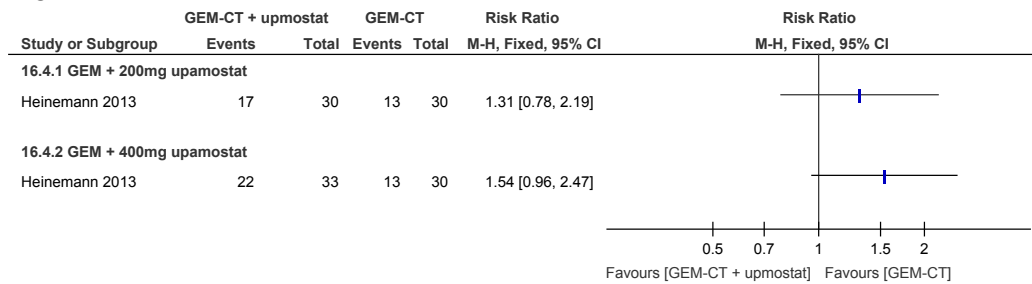
1 **Figure 443: FLEC-CT versus GEM-CT – Adverse effects - Grade 3/4 toxicities**



2

H.16.113 GEM-CT + upmostat versus GEM-CT

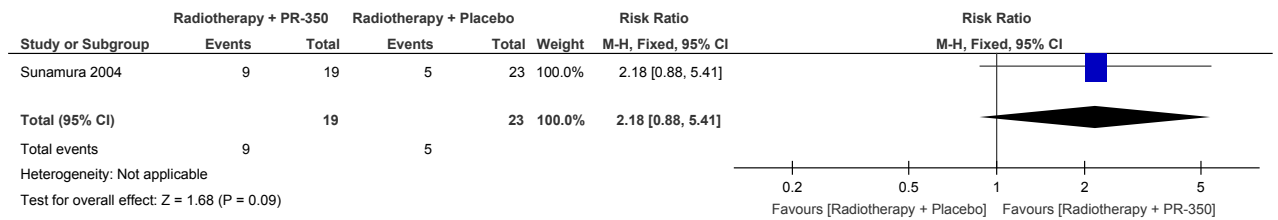
4 **Figure 26: GEM-CT + upmostat versus GEM-CT – Adverse effects - Grade 3/4 toxicities**



5

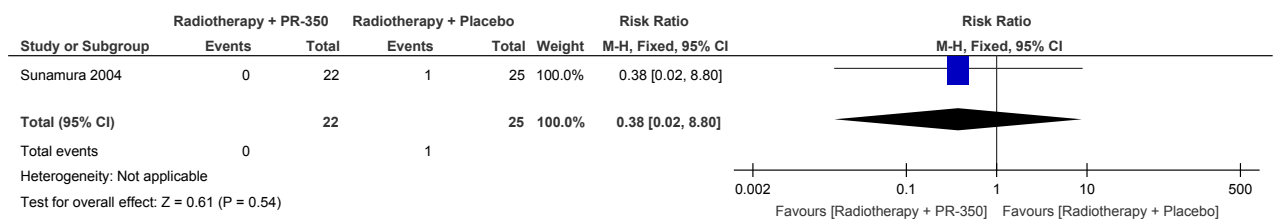
H.16.126 Radiotherapy + PR-350 versus Radiotherapy + Placebo

7 **Figure 444: Radiotherapy + PR-350 versus Radiotherapy + Placebo – Objective Response - Effective response**
8



9

10 **Figure 445: Radiotherapy + PR-350 versus Radiotherapy + Placebo – Adverse effects - Grade 3/4 toxicities**
11



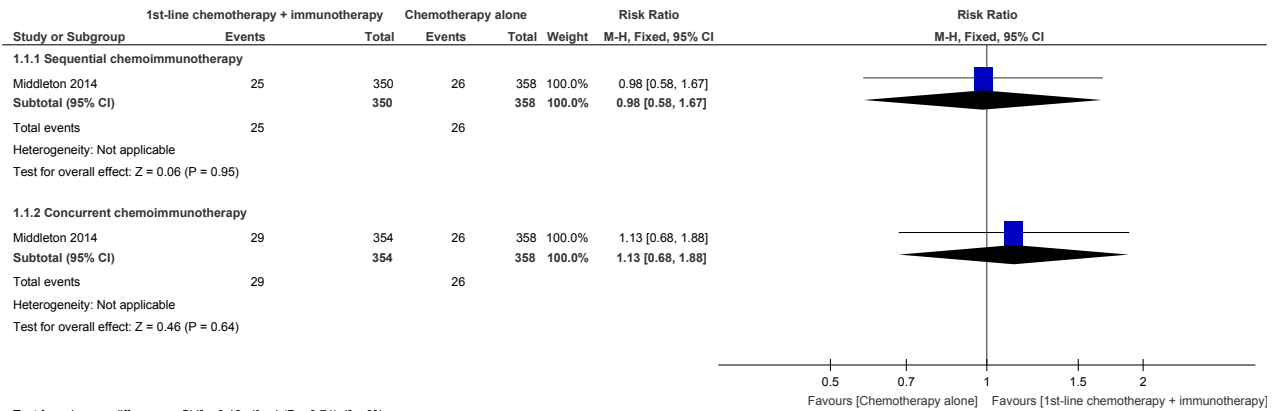
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13

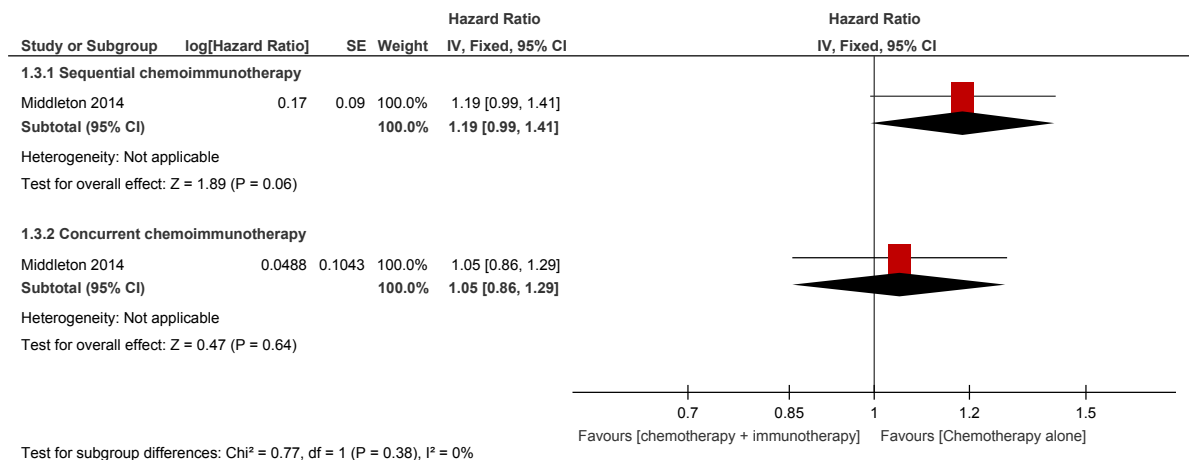
H.17¹ Management of metastatic pancreatic cancer

H.17.12 Chemotherapy versus chemoimmunotherapy in adults with locally advanced or metastatic pancreatic cancer

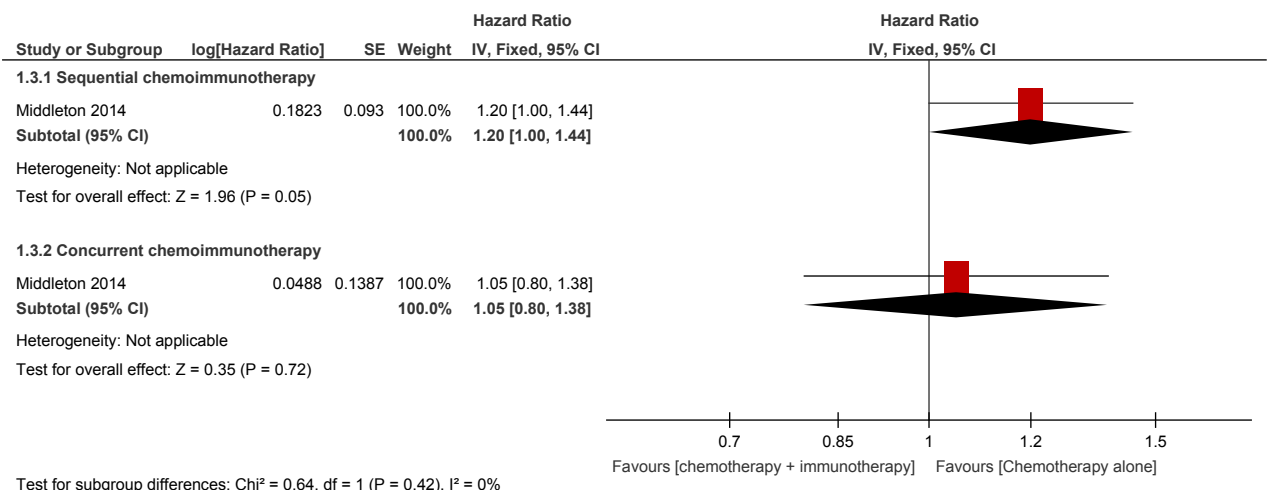
4 Figure 446: Overall response rate (CR + PR) at 8 weeks



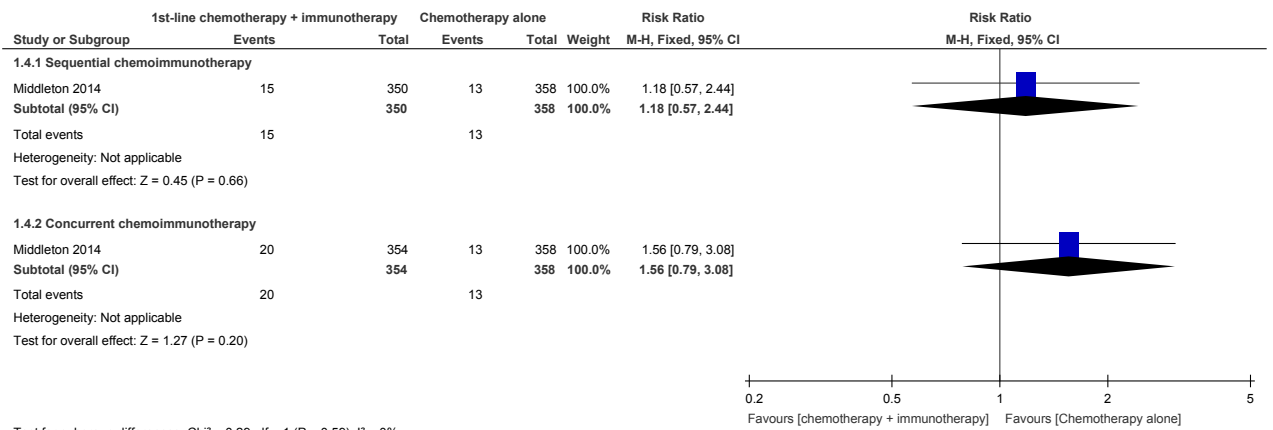
6 Figure 447: Time to progression



8 Figure 448: Overall survival

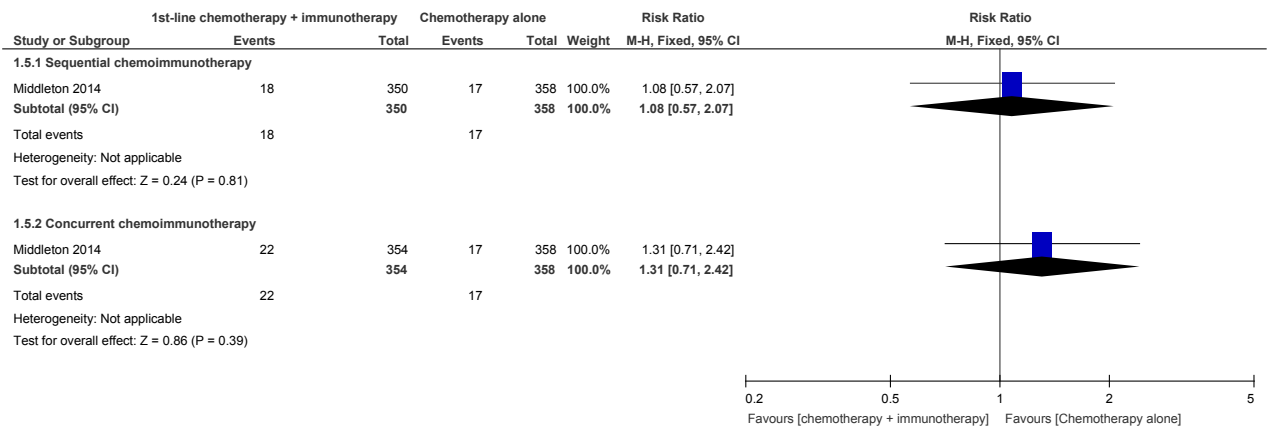


1 Figure 449: Grade 3/4/5 toxicities: Nausea



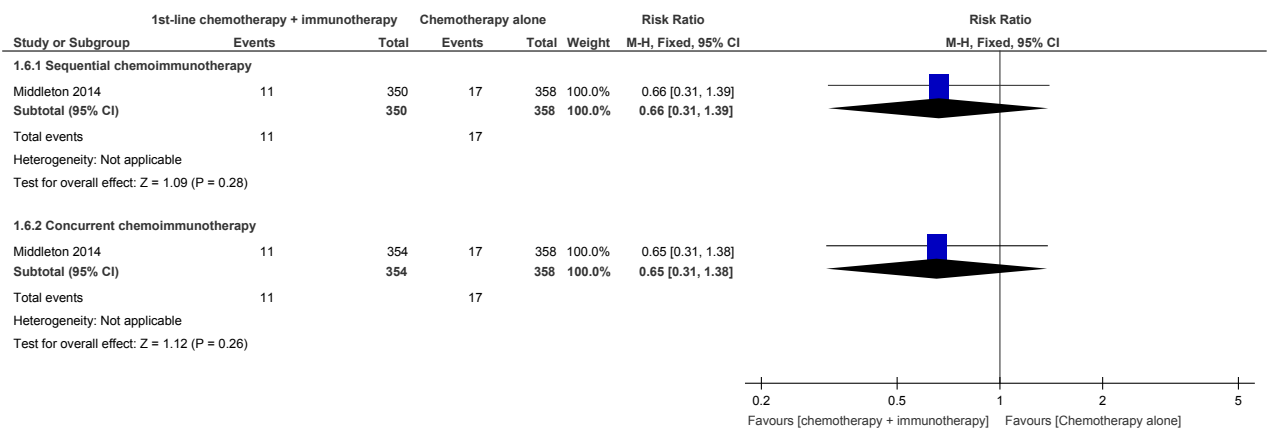
2 Test for subgroup differences: Chi² = 0.29, df = 1 (P = 0.59), I² = 0%

3 Figure 450: Grade 3/4/5 toxicities: Vomiting



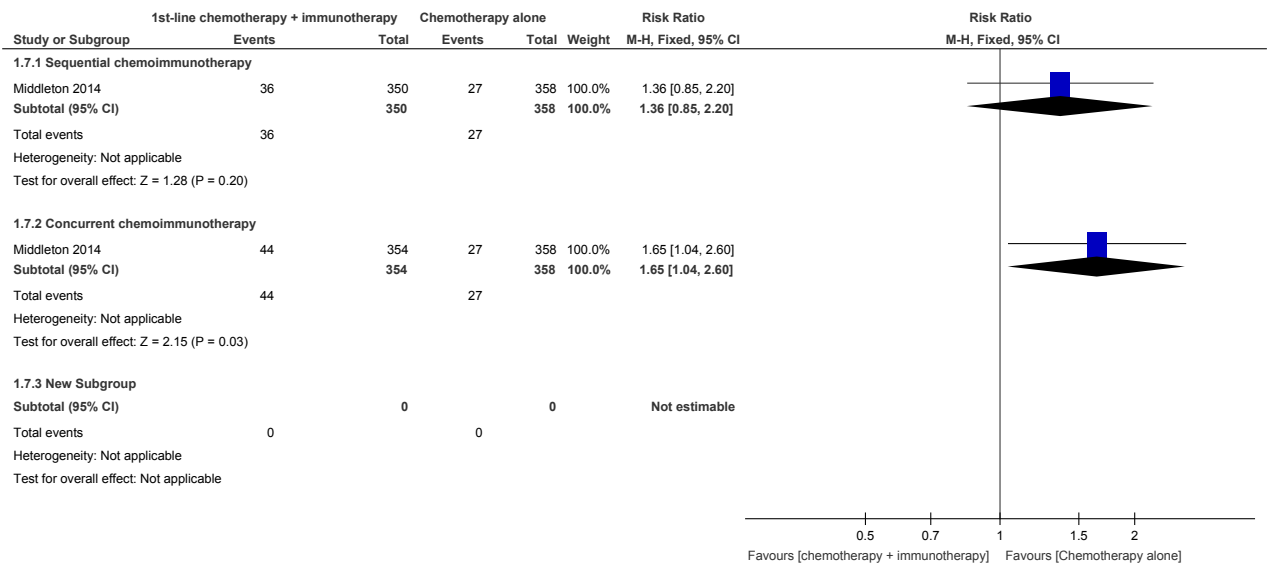
4

5 Figure 451: Grade 3/4/5 toxicities: Diarrhoea



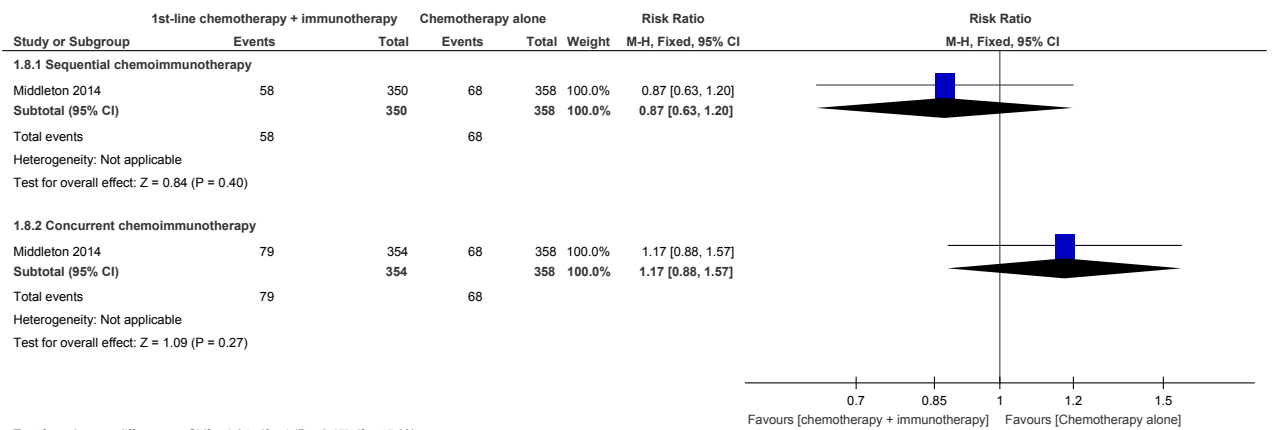
6

1 Figure 452: Grade 3/4/5 toxicities: Fatigue



2

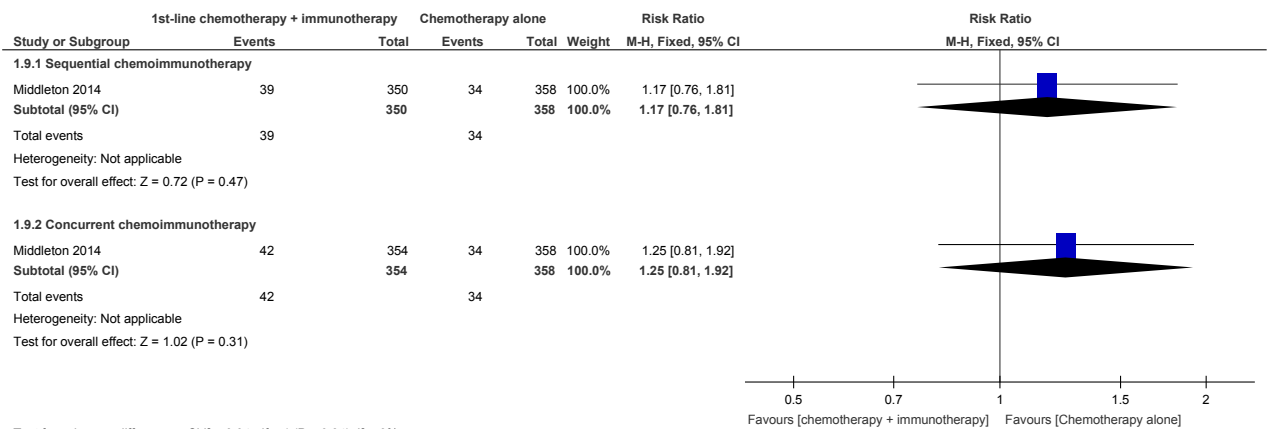
3 Figure 453: Grade 3/4/5 toxicities: Neutropenia



4

Test for subgroup differences: Chi² = 1.84, df = 1 (P = 0.17), I² = 45.8%

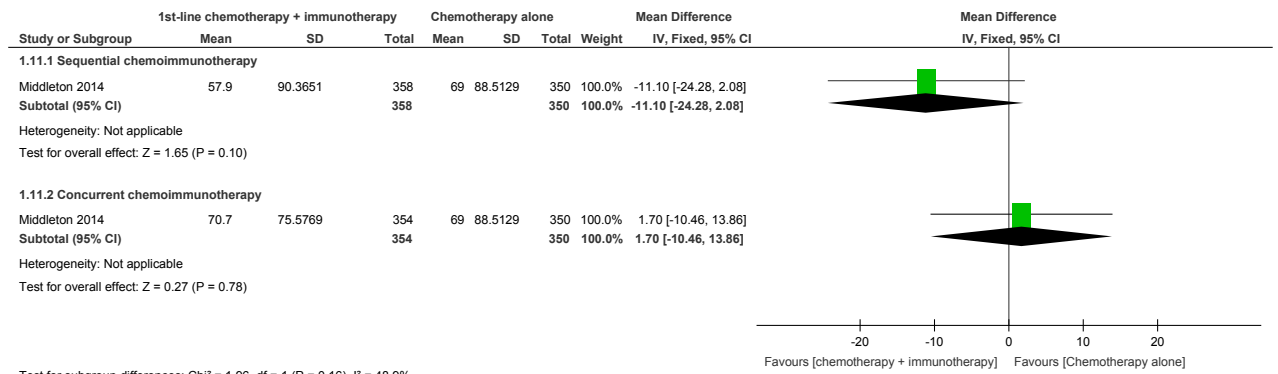
5 Figure 454: Grade 3/4/5 toxicities: Pain



6

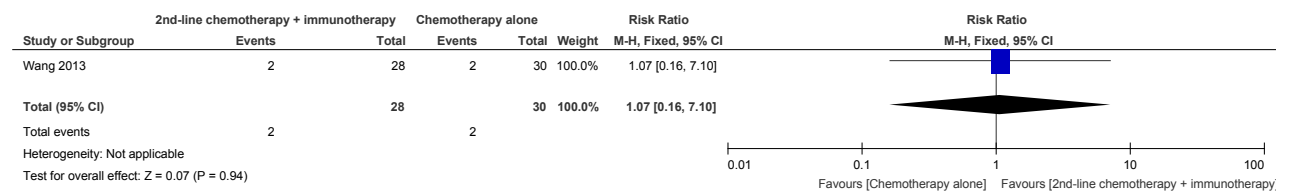
Test for subgroup differences: Chi² = 0.04, df = 1 (P = 0.84), I² = 0%

1 Figure 455: Health-related Quality of Life at 20 weeks (EORTC QLQ-C30)



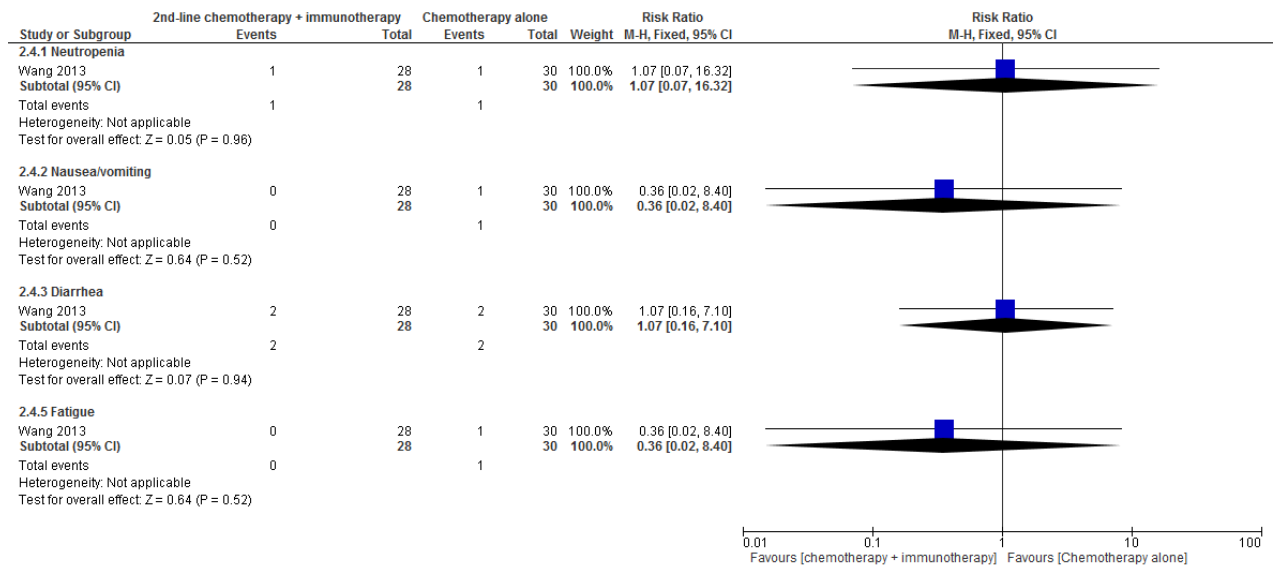
2 Test for subgroup differences: Chi² = 1.96, df = 1 (P = 0.16), I² = 48.9%

3 Figure 456: Overall response rate (CR + PR): unclear follow-up



4

5 Figure 457: Grade 3/4 toxicities

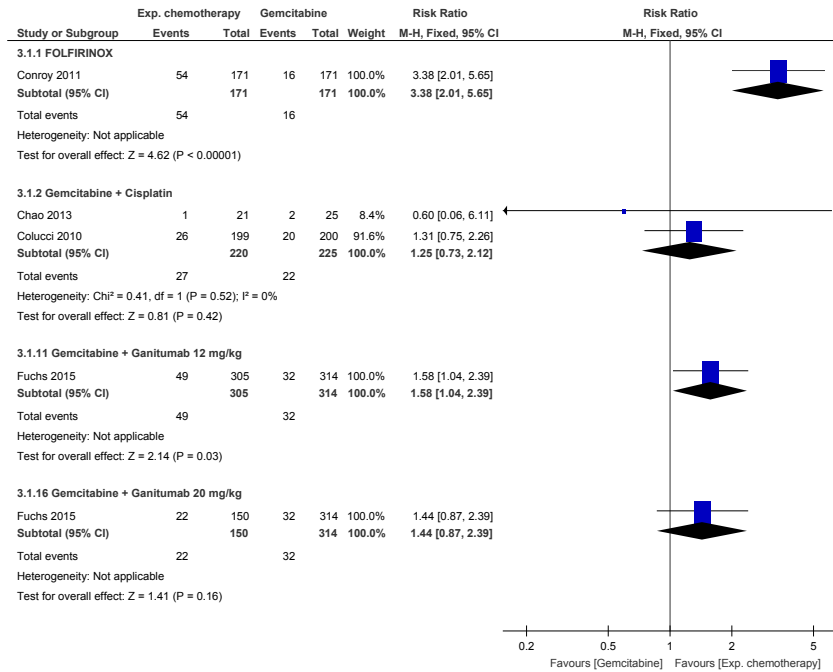


6

H.17.21 Gemcitabine versus other chemotherapy

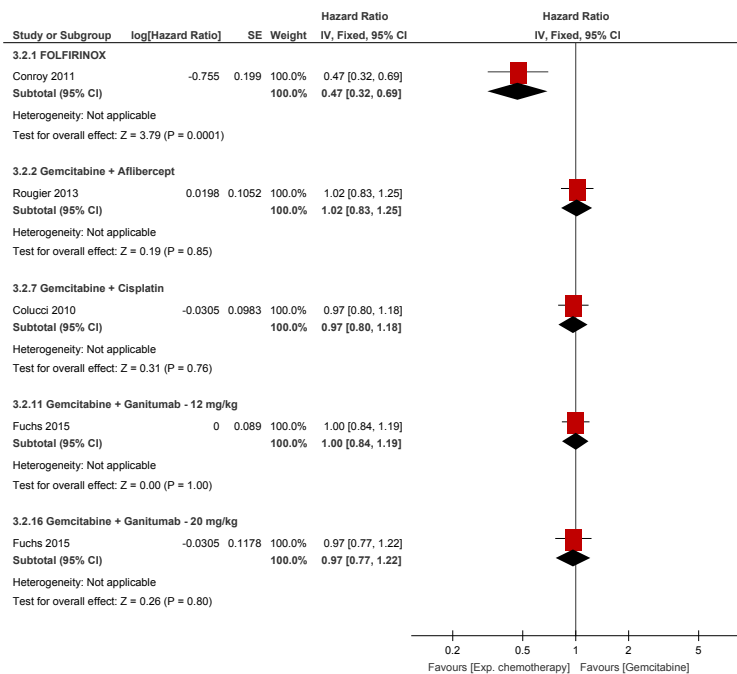
H.17.2.12 In adults with metastatic pancreatic cancer

3 Figure 458: overall response rate (CR+RP)



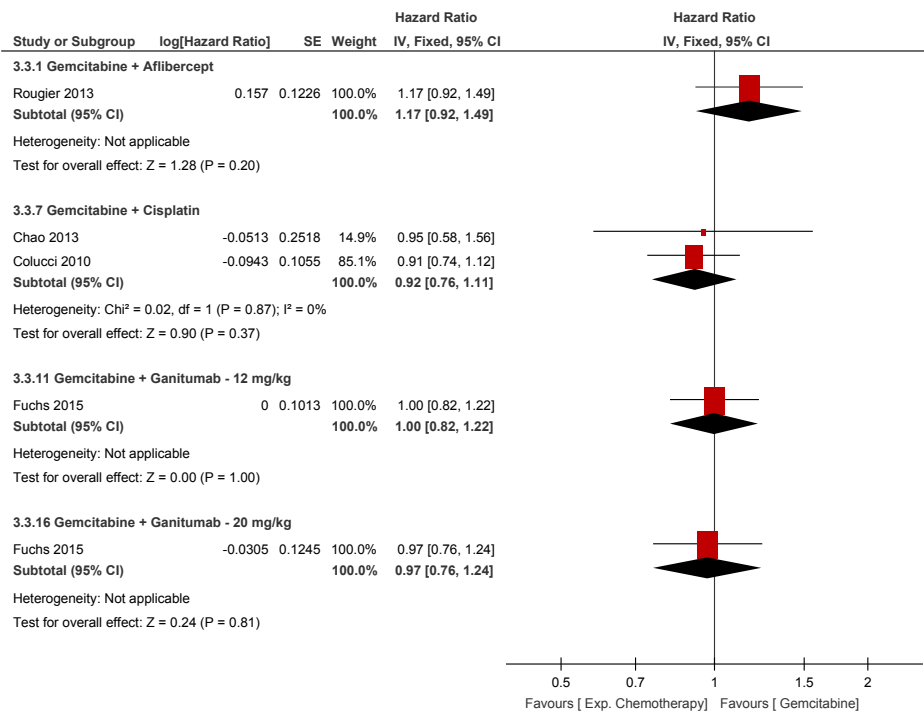
4

5 Figure 459: Progression-free survival



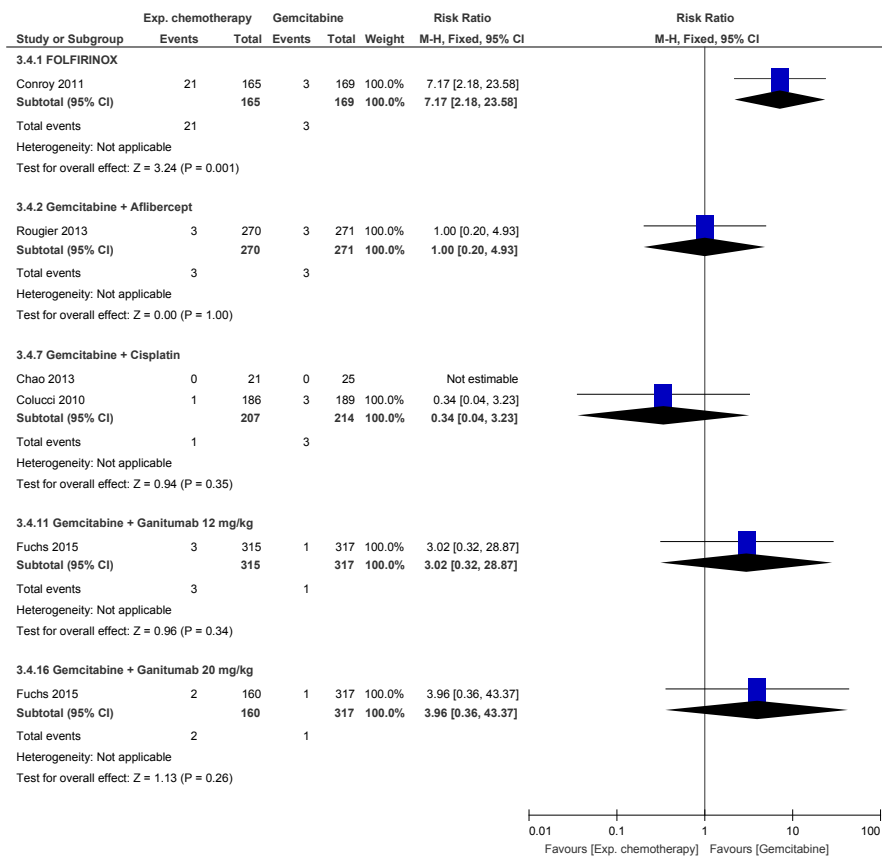
6

1 Figure 460: Overall survival



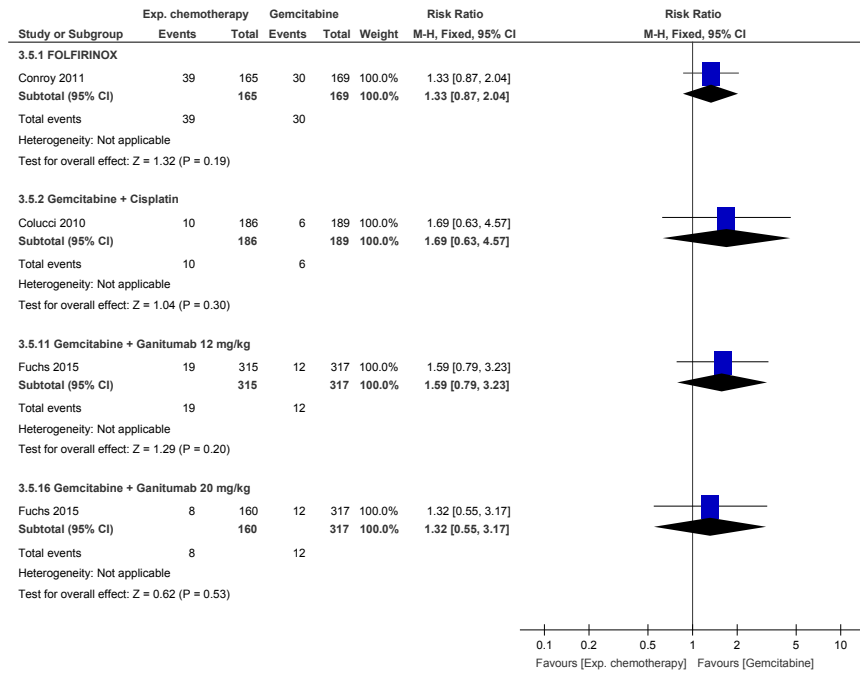
2

3 Figure 461: Grade 3/4 toxicities: Diarrhoea



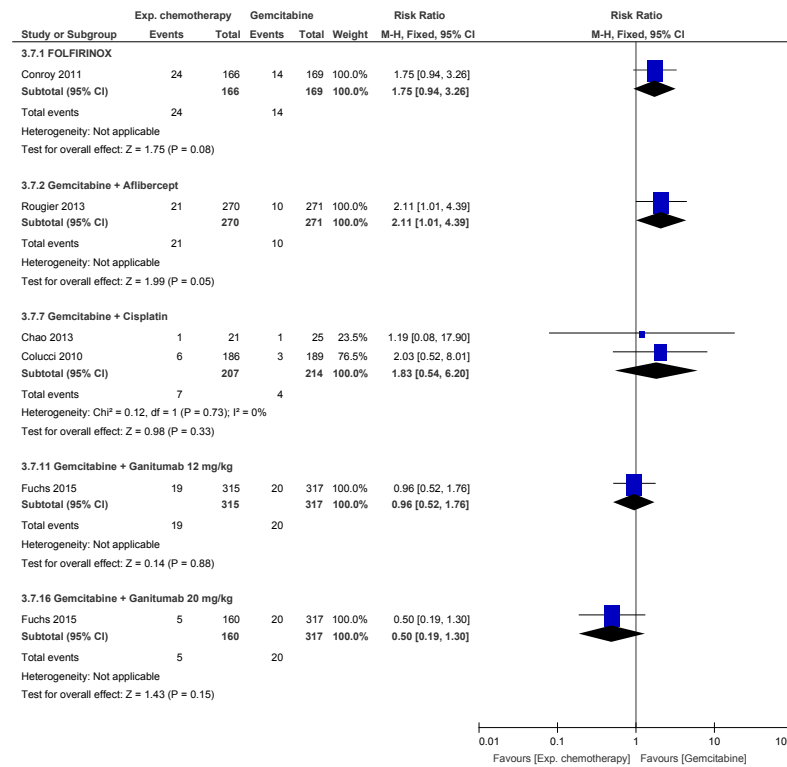
4

1 Figure 462: Grade 3/4 toxicities: Fatigue



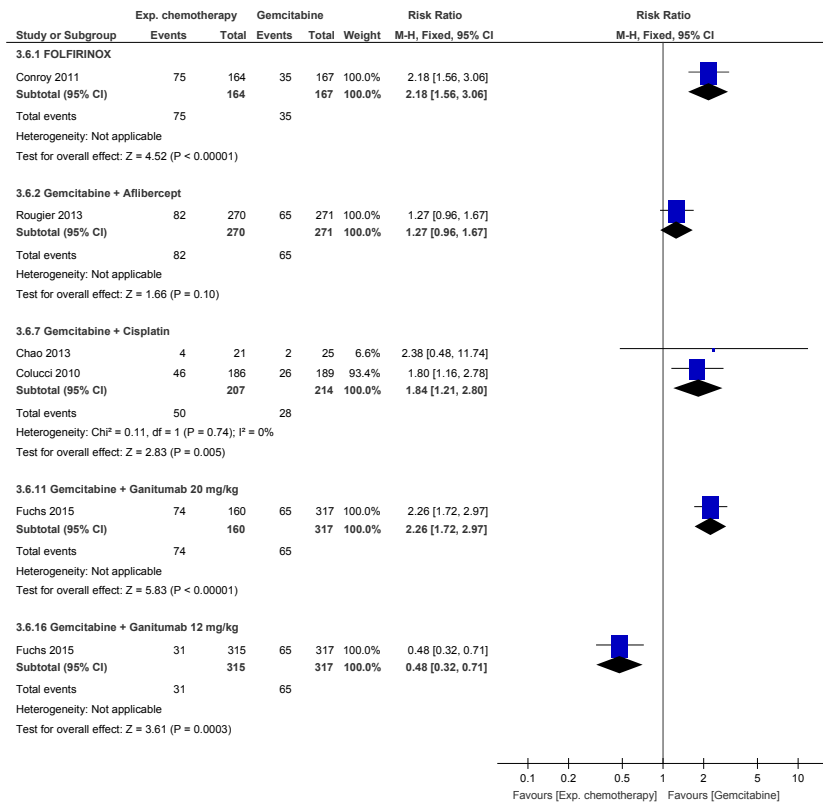
2

3 Figure 463: Grade 3/4 toxicities: Nausea/vomiting



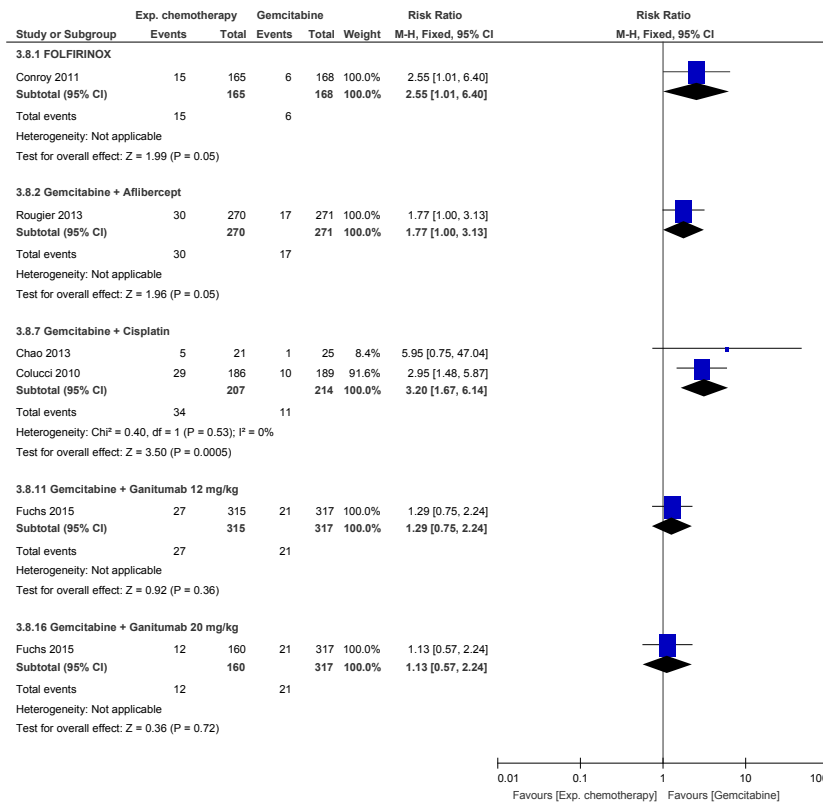
4

1 Figure 464: Grade 3/4 toxicities: Neutropenia



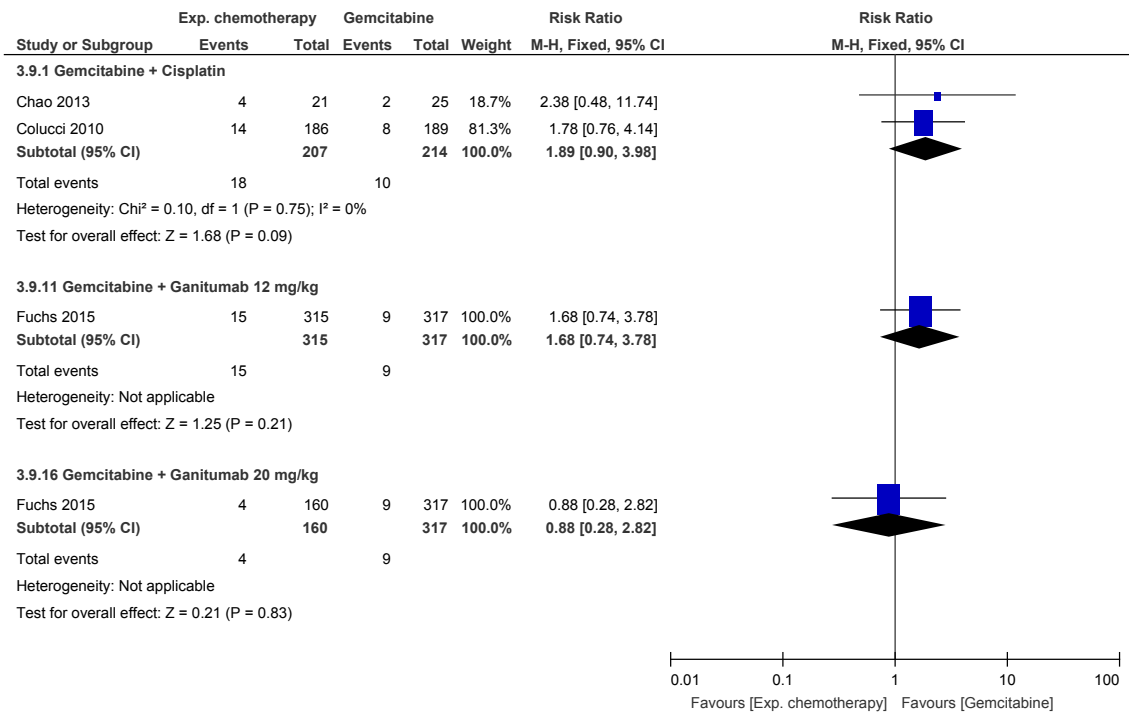
2

3 Figure 465: Grade 3/4 toxicities: Thrombocytopenia



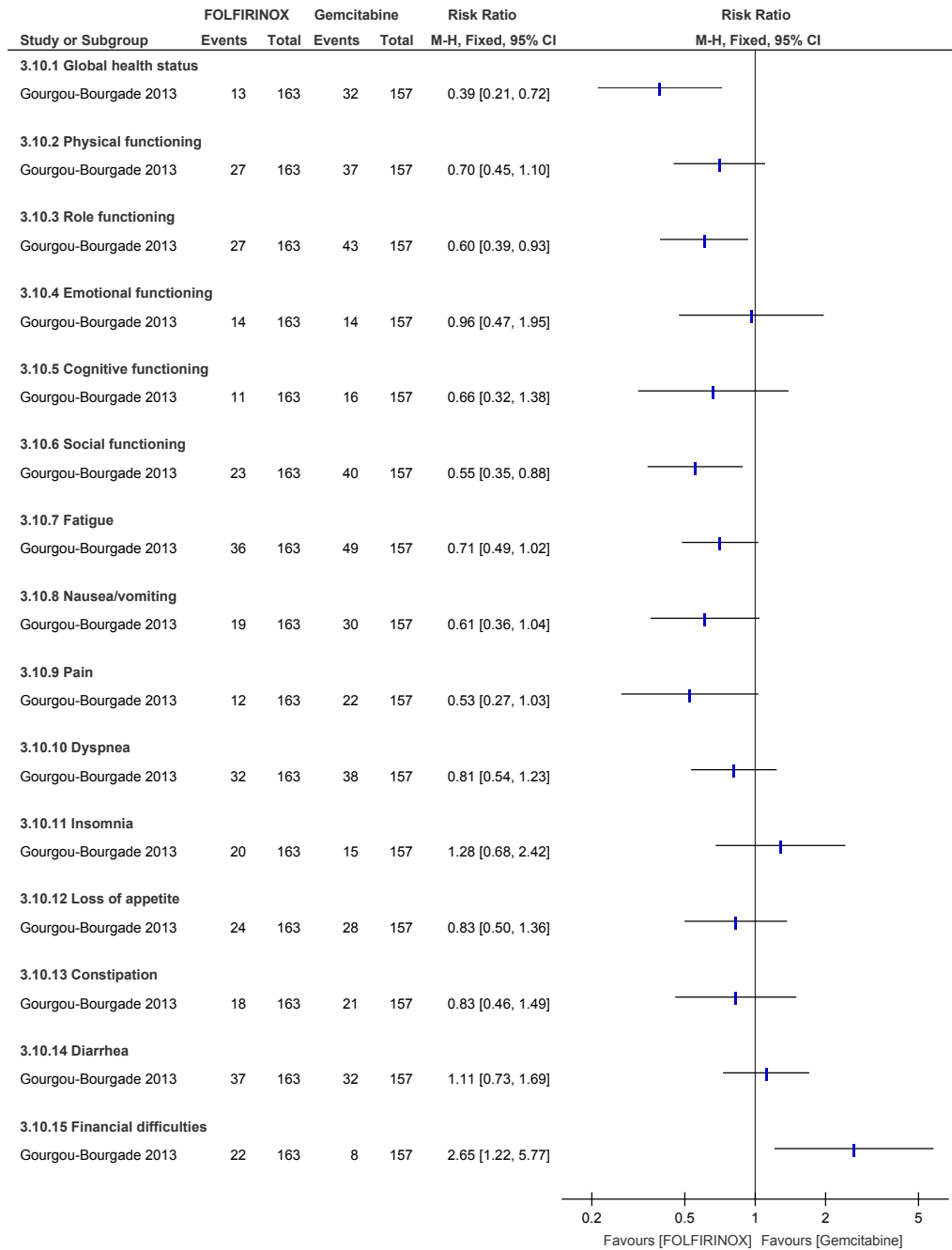
4

1 **Figure 466: Grade 3/4 toxicities: Leucopenia**



2

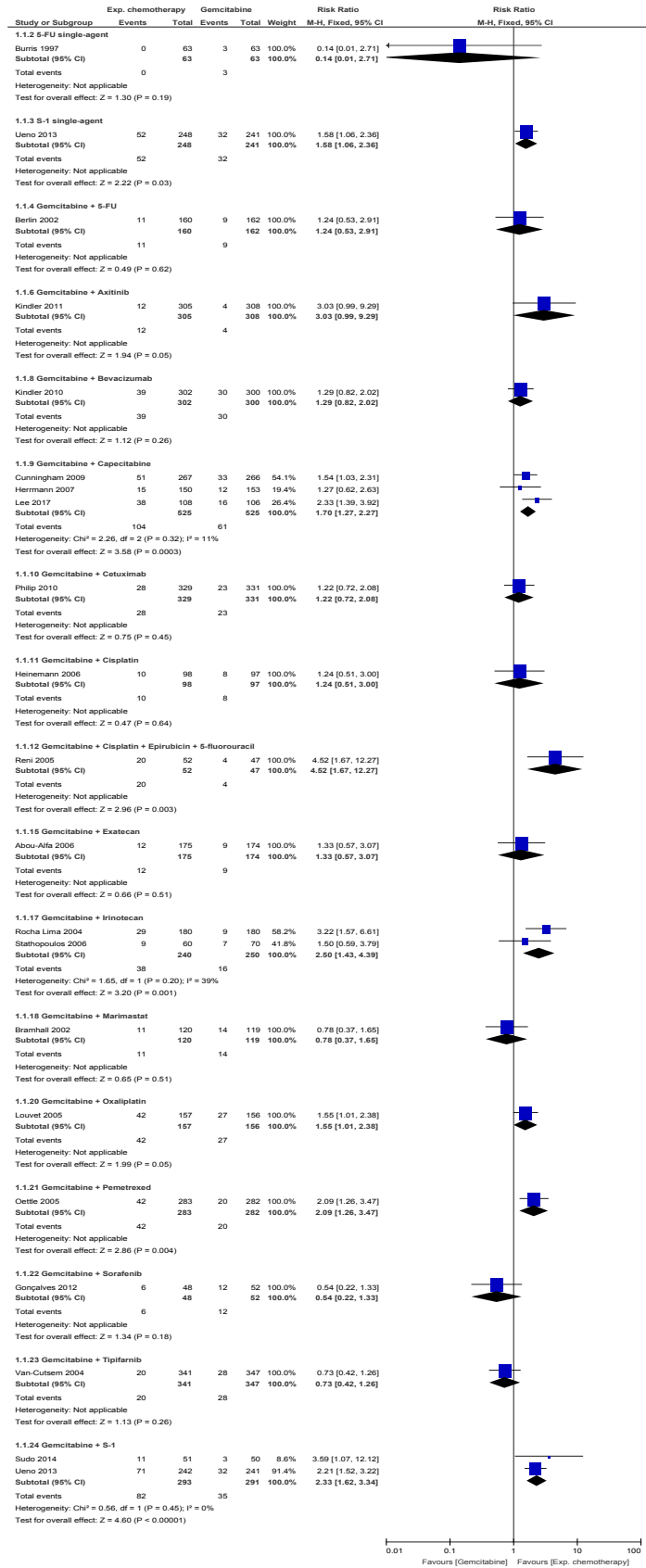
1 **Figure 467: HRQL - Number of patients with a clinically significant (10 point)**
 2 **deterioration QLQ-C30 [between baseline and the end of treatment (6**
 3 **months)]**



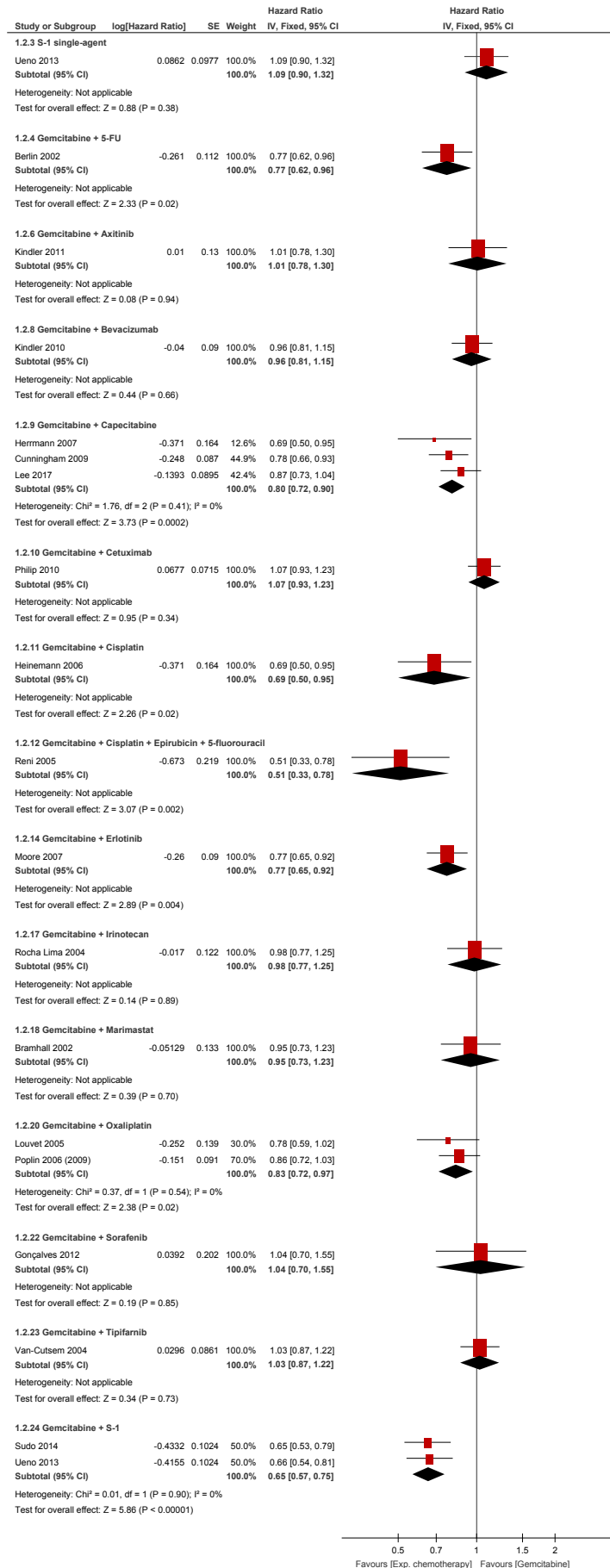
4

H.17.2.21 In adults with locally advanced or metastatic pancreatic cancer

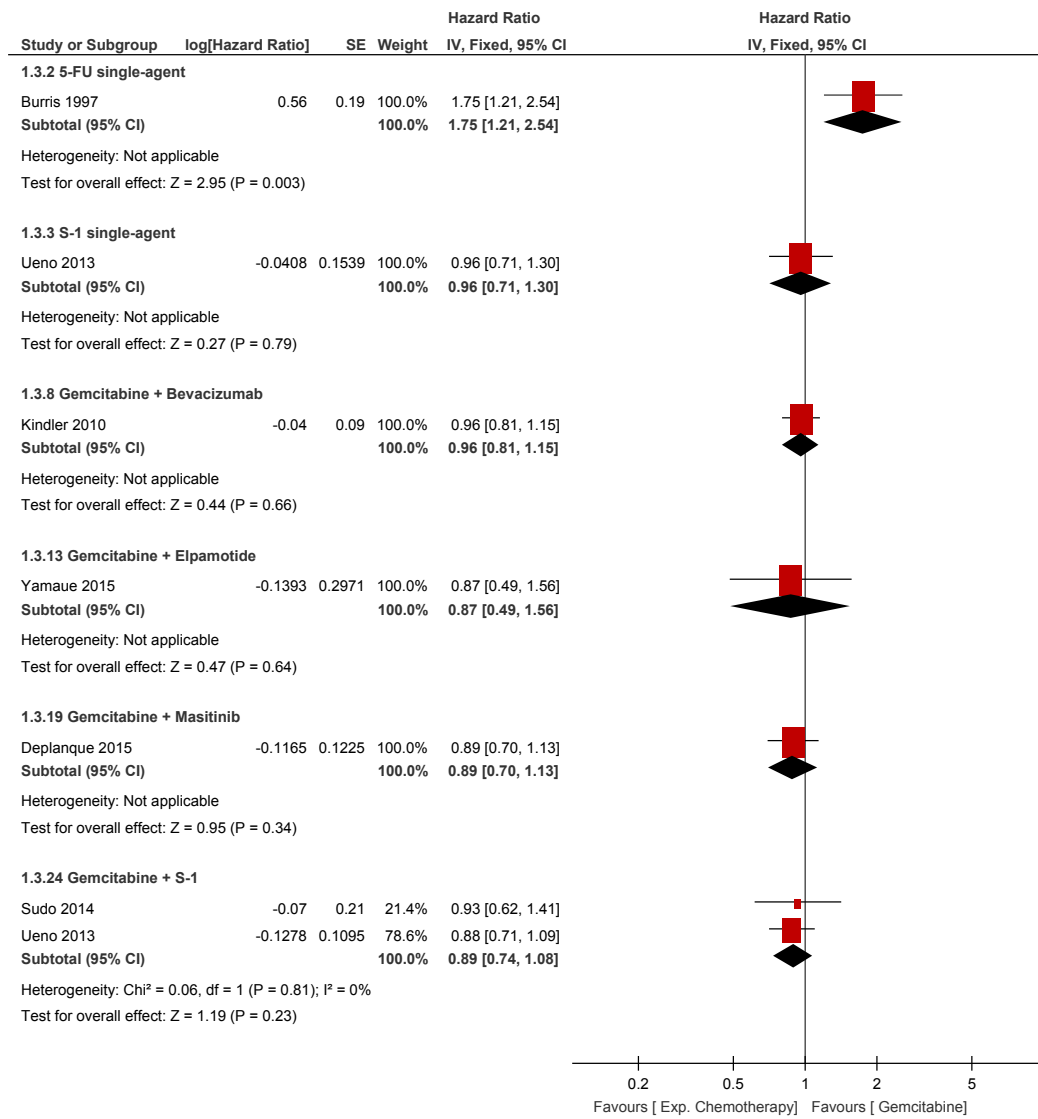
2 Figure 468: Overall response rate



1 Figure 469: Progression-free survival

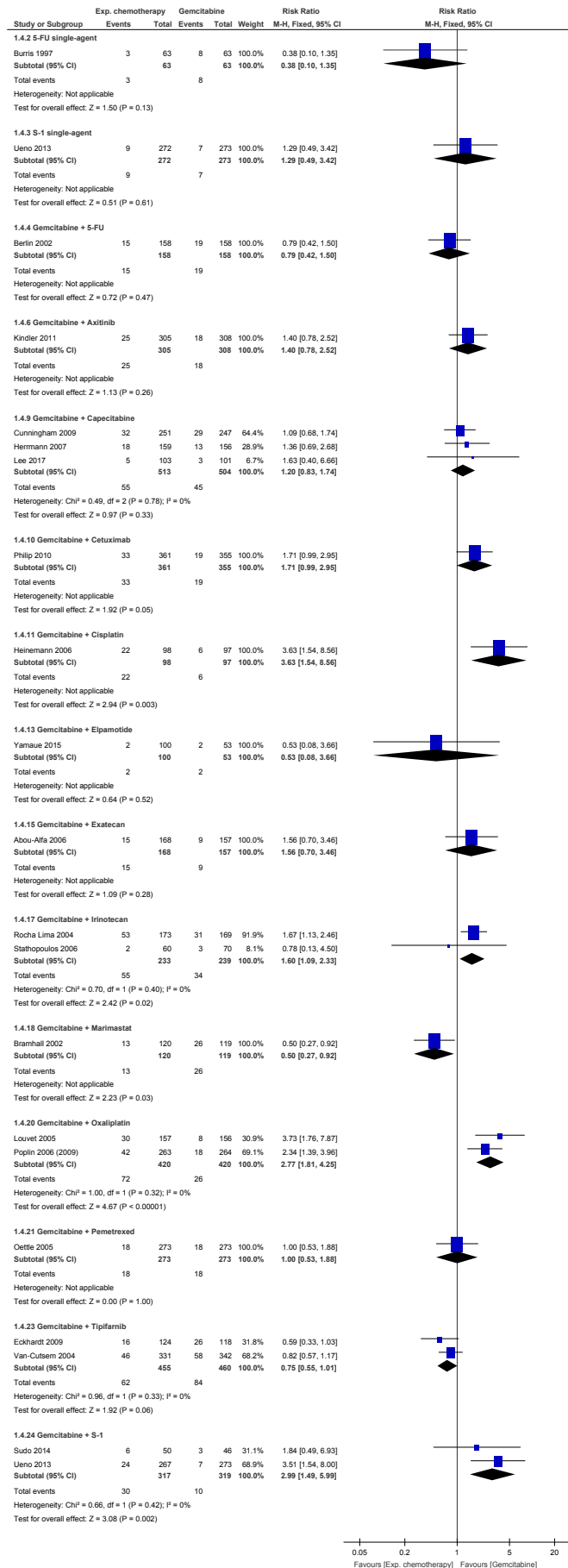


1 Figure 470: Overall survival

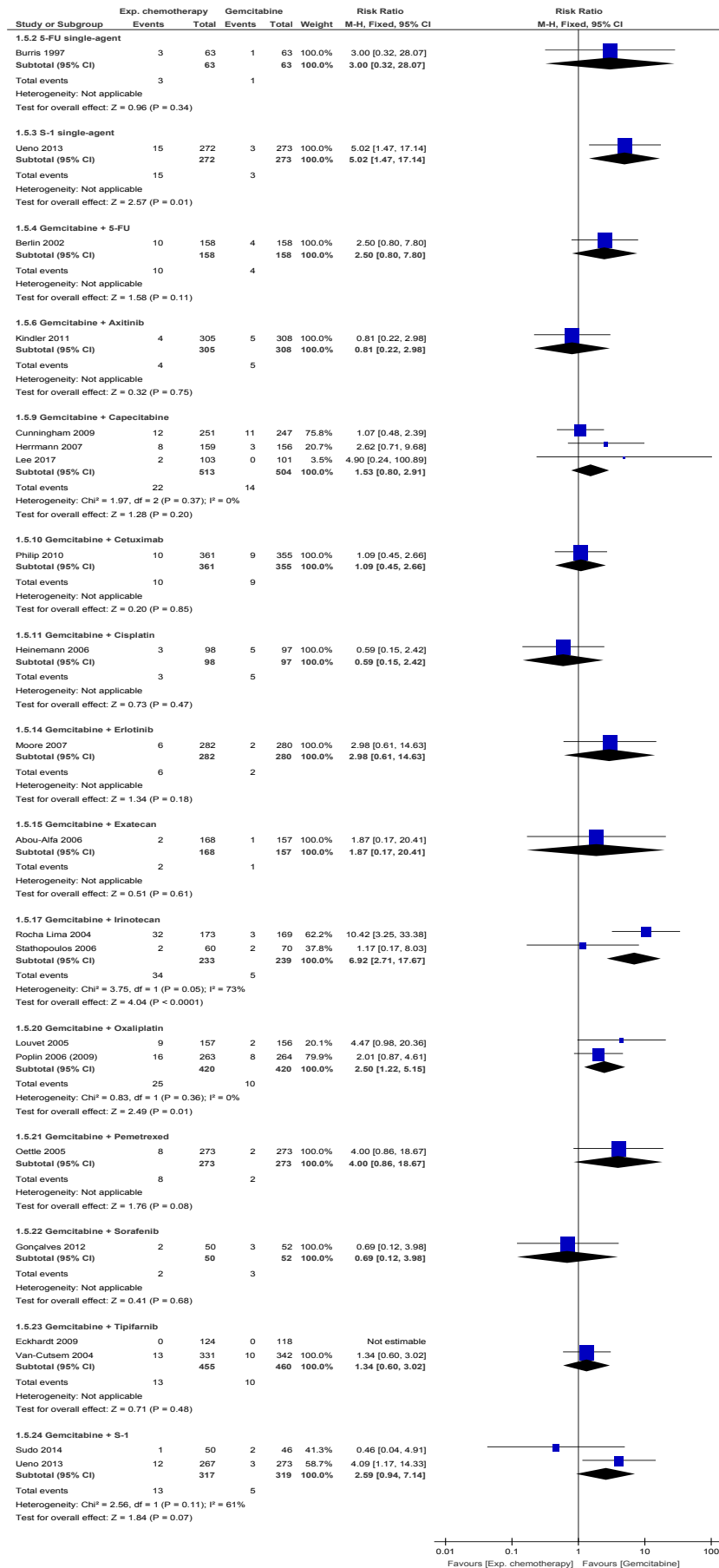


2

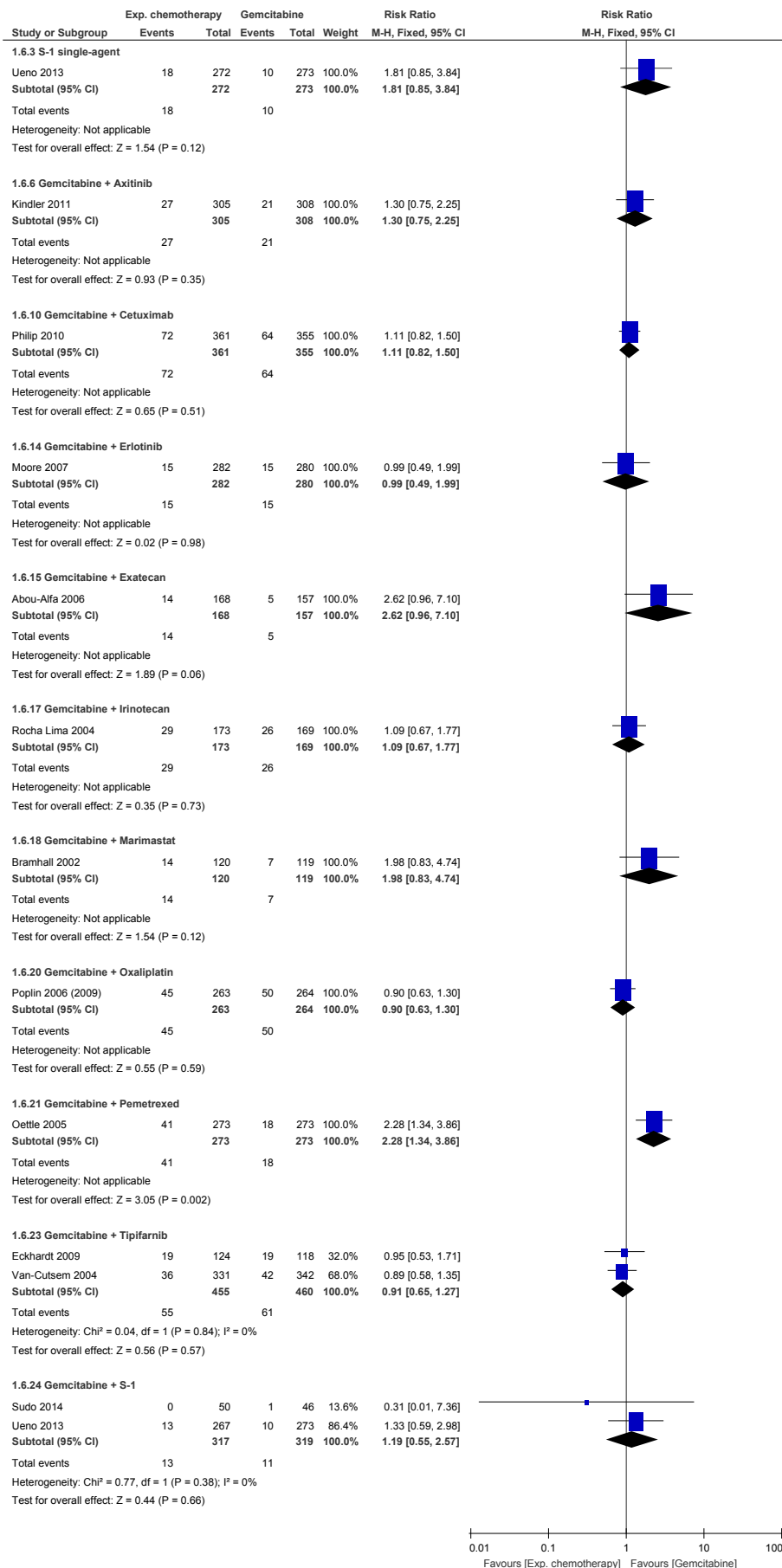
1 Figure 471: Grade 3/4 toxicities - Nausea/Vomiting



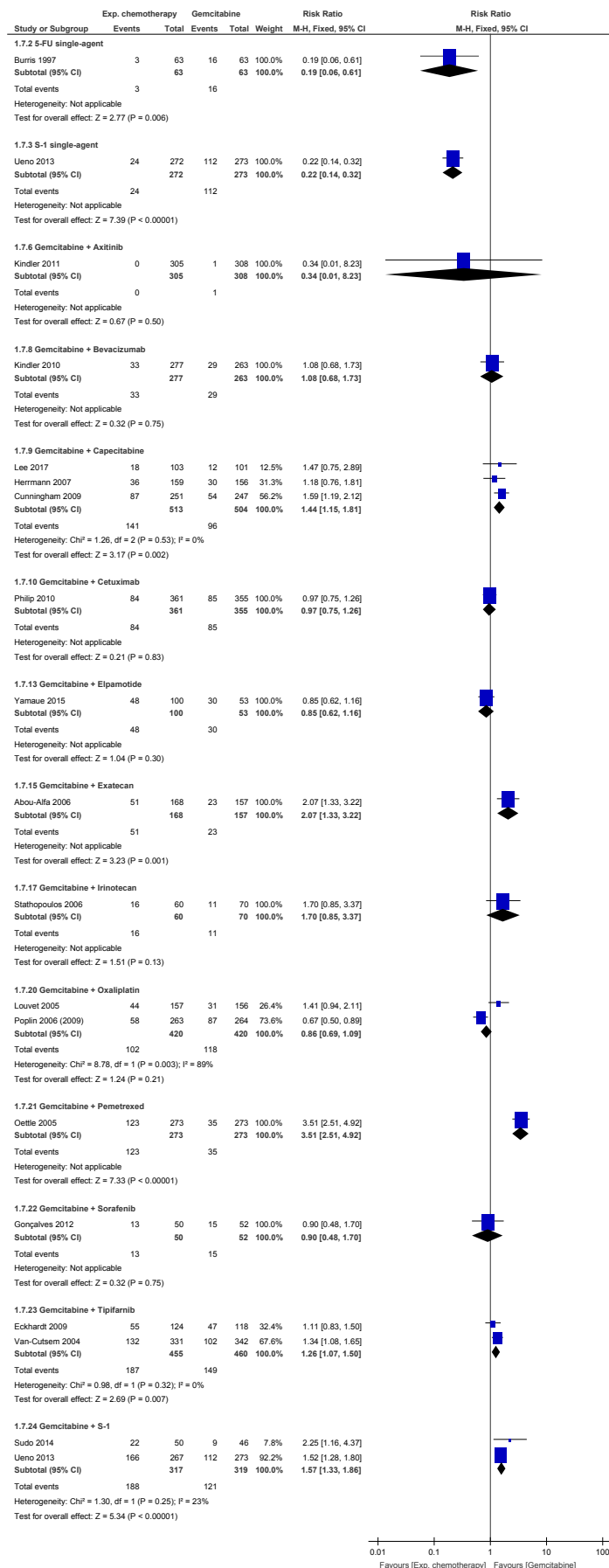
1 Figure 472: Grade 3/4 toxicities – Diarrhoea



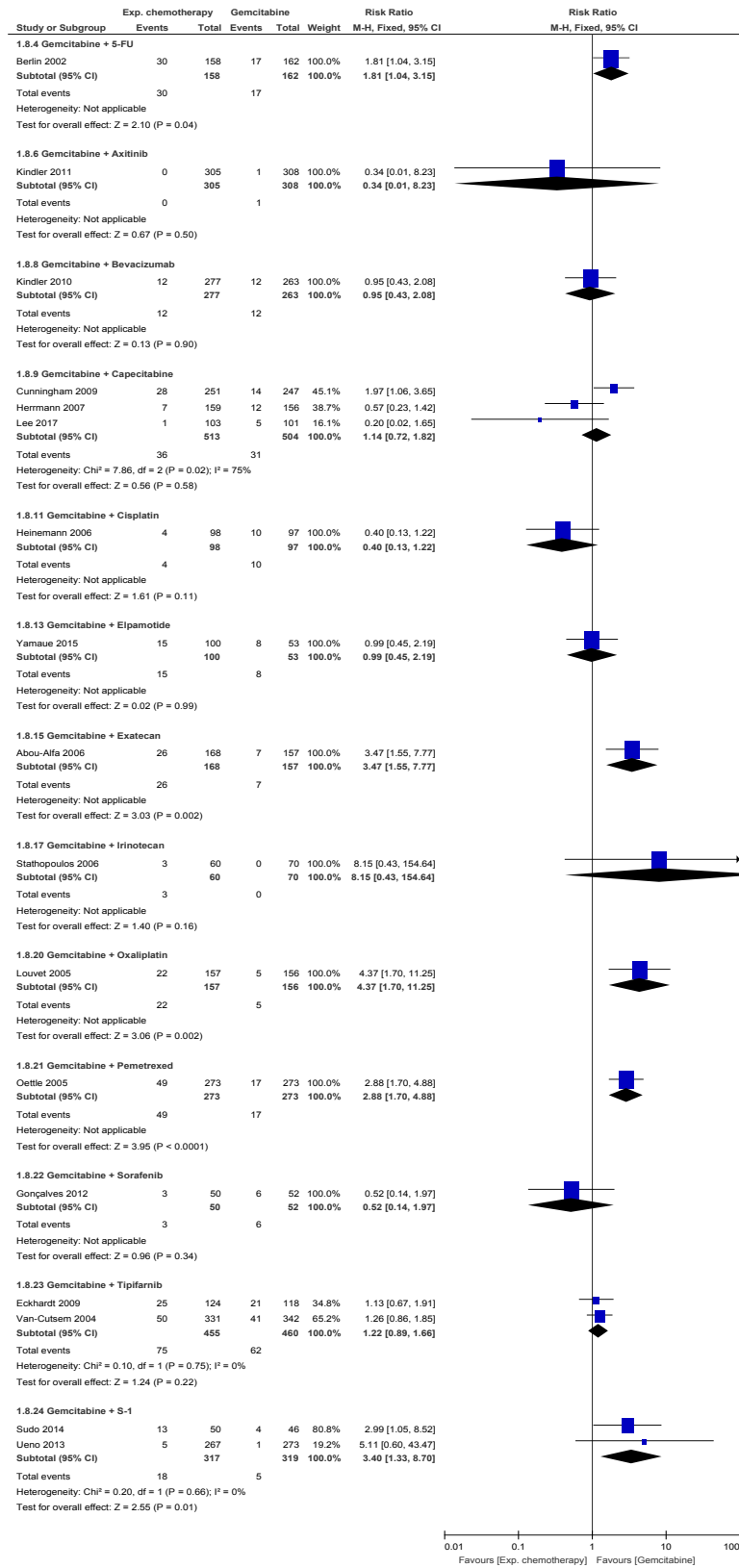
1 Figure 473: Grade 3/4: Fatigue



1 Figure 474: Grade 3/4: Neutropenia

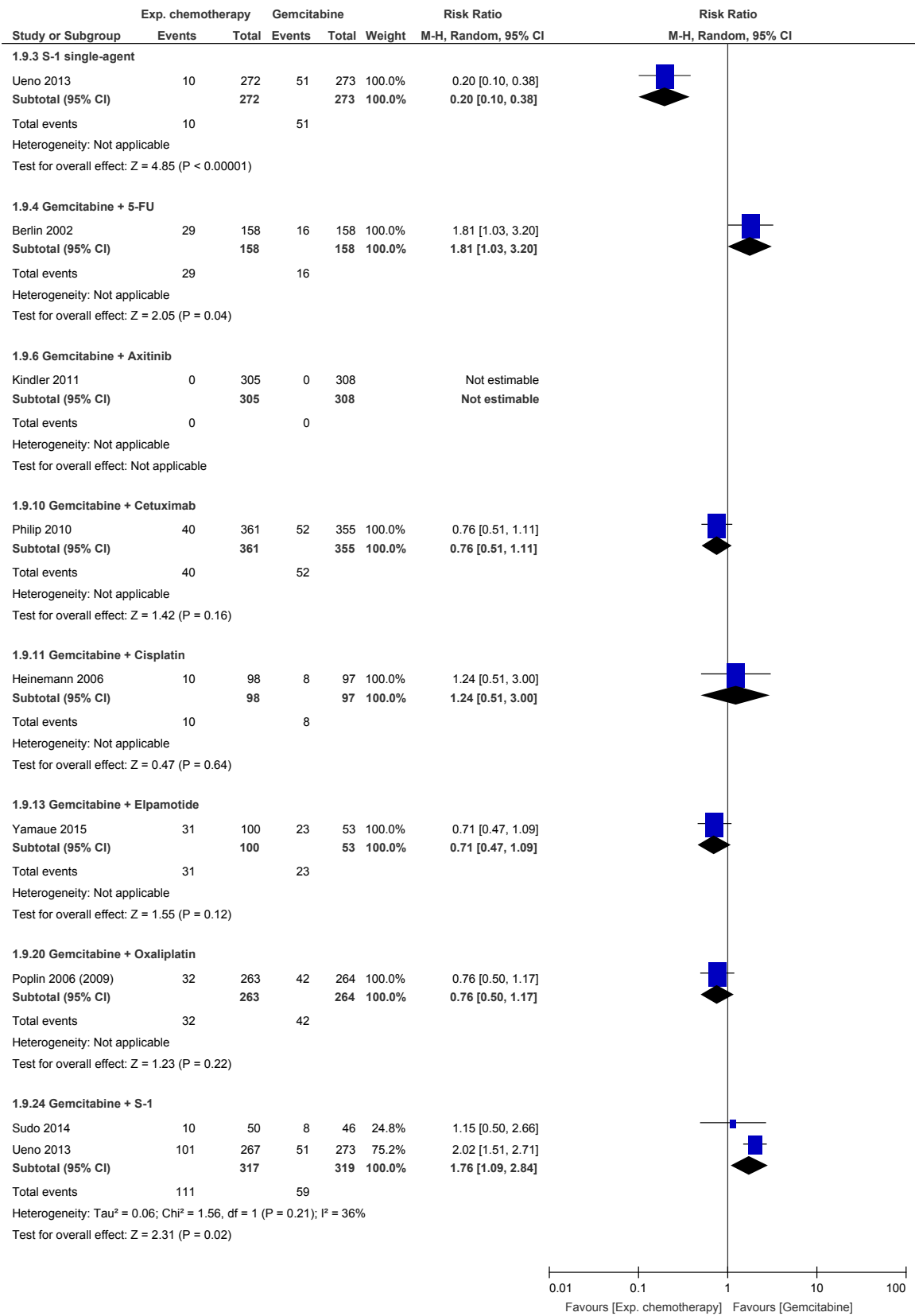


1 Figure 475: Grade 3/4: Thrombocytopenia



2

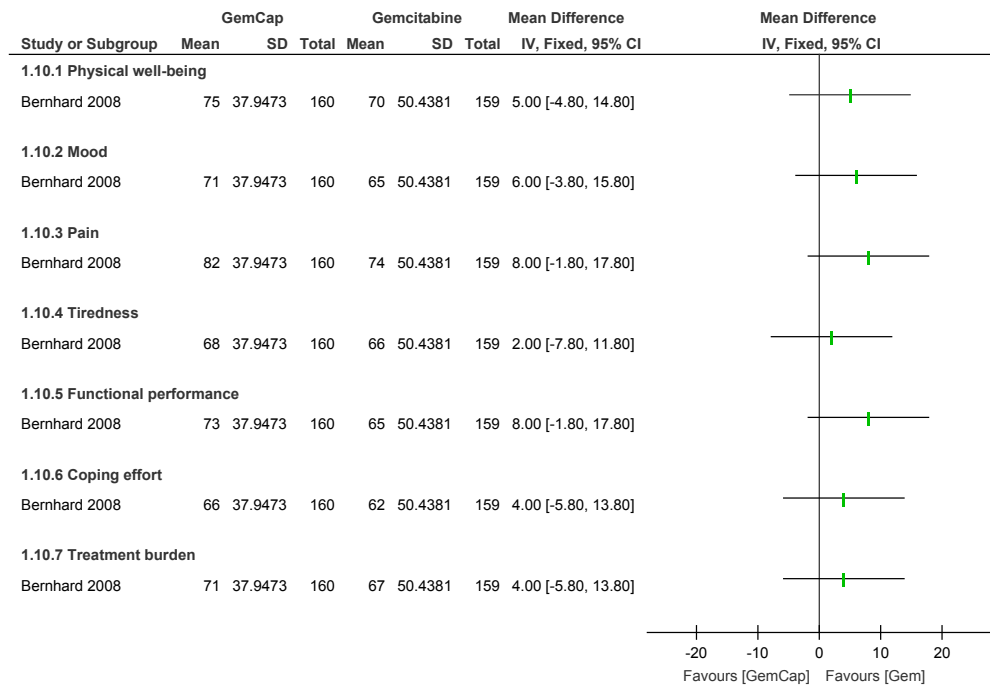
1 Figure 476: Grade 3/4: Leucopenia



2

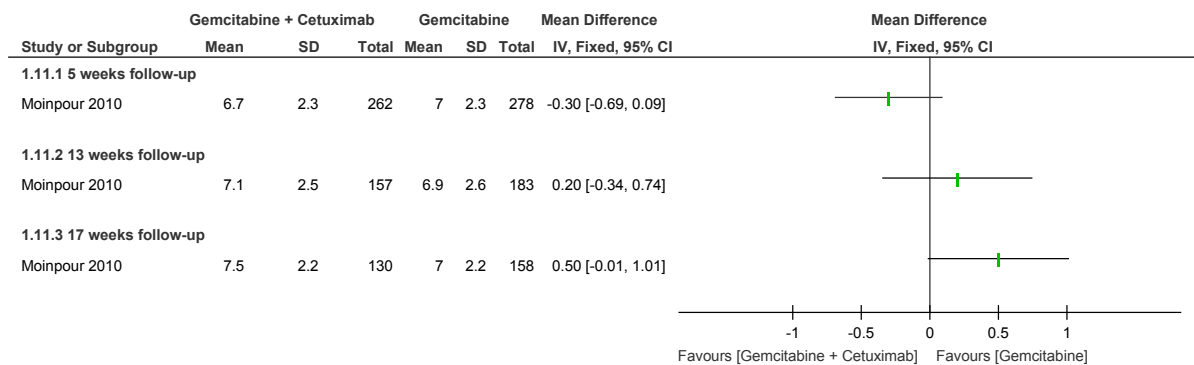
1 **Figure 477: HRQL*(mean score difference at 6 months -linear-analogy-self-assessment [LASA] indicators)**

2



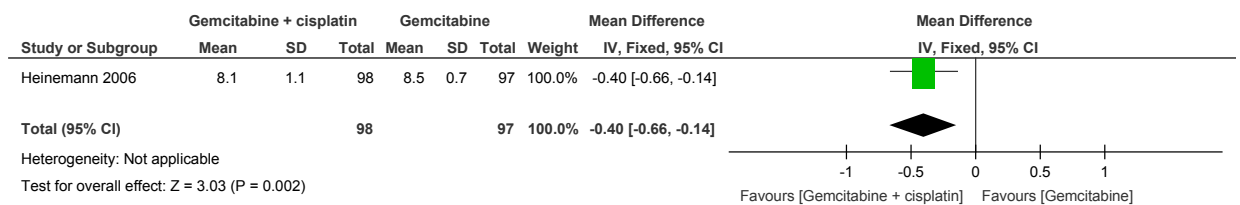
3

4 **Figure 478: HRQL*(Emotional Well-Being Score at 5, 13, and 17 weeks follow-up)**



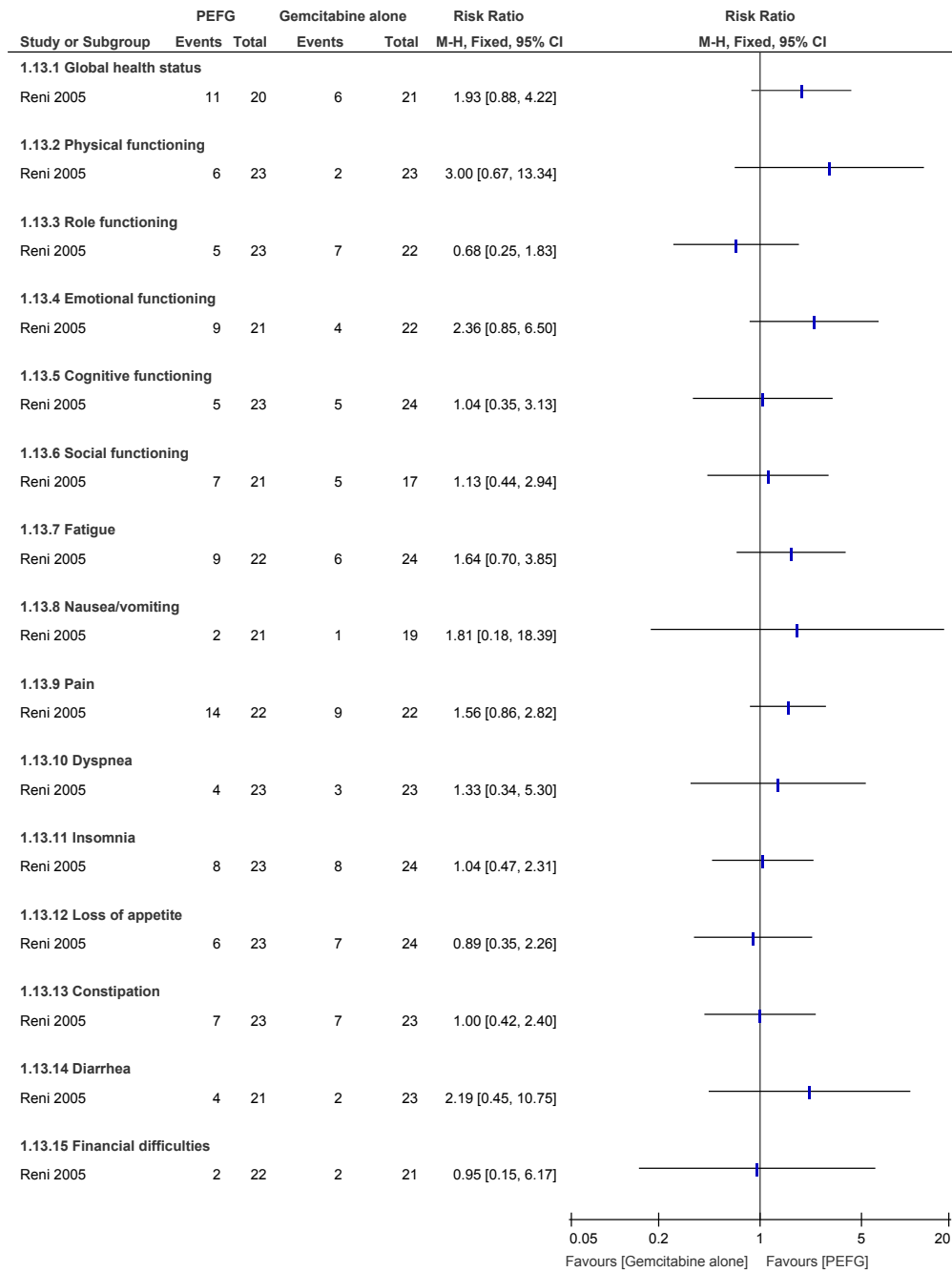
5

6 **Figure 479: HRQL*(follow-up at 6 treatment cycles-Spitzer 5-Item Index)**



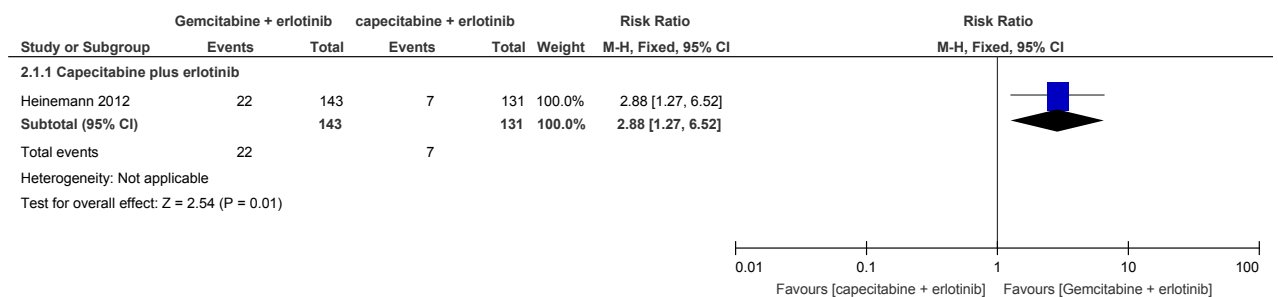
7

1 **Figure 480: HRQL*(Number of patients with a clinically significant improvement QLQ-**
2 **C30 at one cycle)**



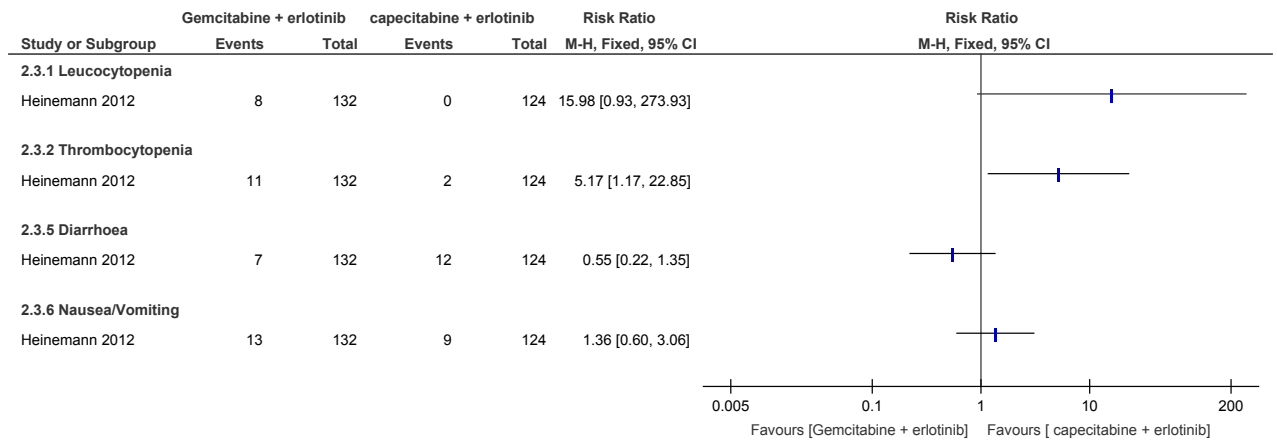
3

4 **Figure 481: GEM + erlotinib versus capecitabine + erlotinib - Overall response rate (CR**
5 **+ PR)**



6

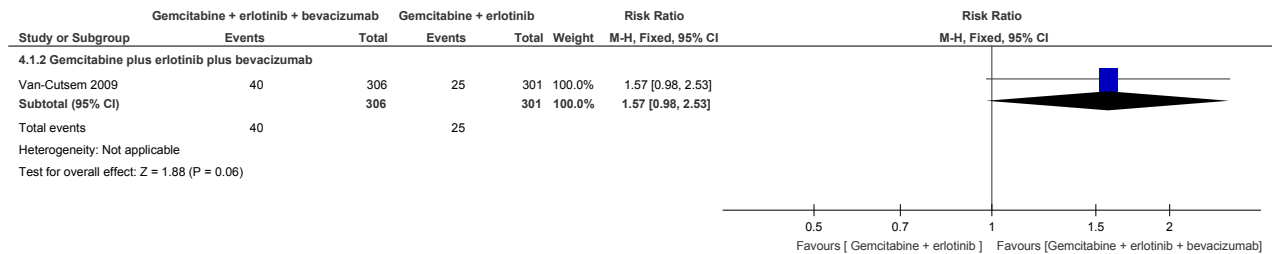
1 **Figure 482: GEM + erlotinib versus capecitabine + erlotinib - Grade 3/4 toxicities**



2

3 **Figure 483: GEM + erlotinib versus GEM + erlotinib + bevacizumab - Overall response rate (CR + PR)**

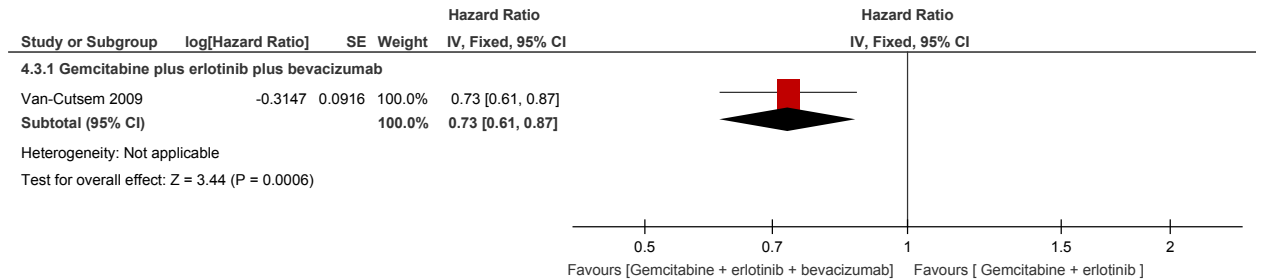
4



5

6 **Figure 484: GEM + erlotinib versus GEM + erlotinib + bevacizumab - Progression-free survival**

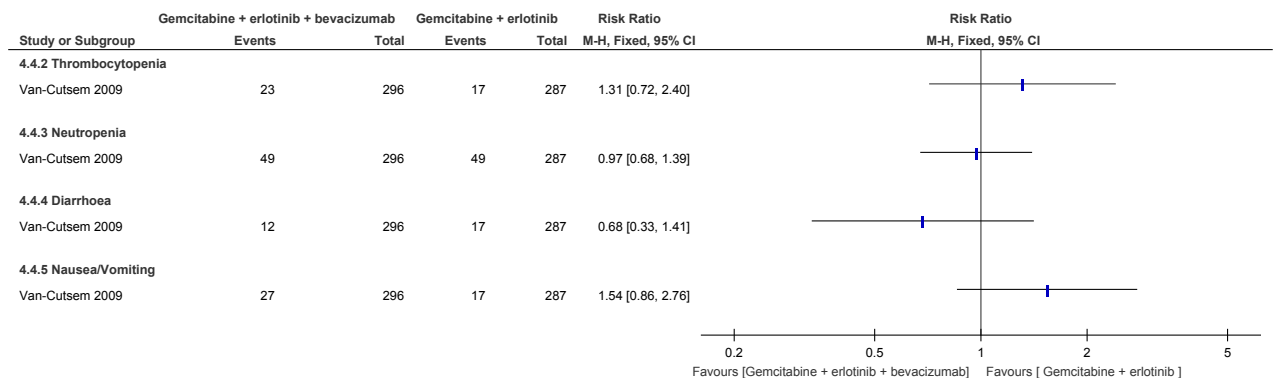
7



8

9 **Figure 485: GEM + erlotinib versus GEM + erlotinib + bevacizumab - Grade 3/4 toxicities**

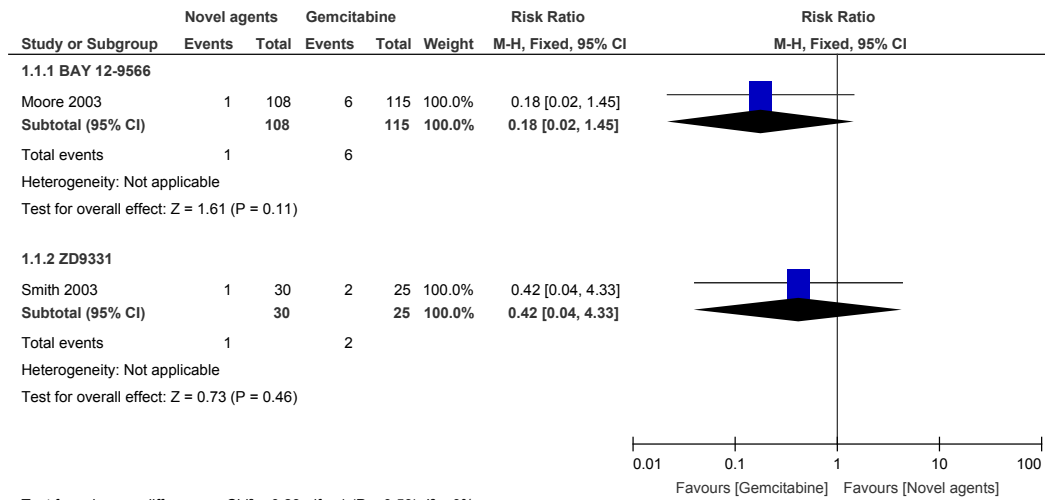
10



11

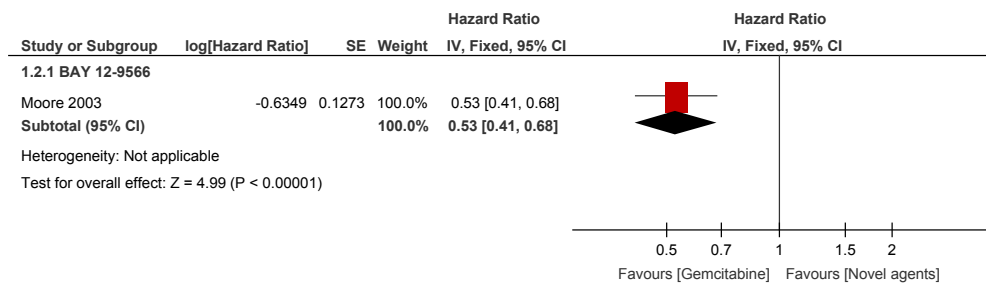
H.17.31 Gemcitabine versus novel agents in adults with locally advanced or metastatic pancreatic cancer

3 Figure 486: Overall response rate (CR + PR) at 8 weeks of therapy



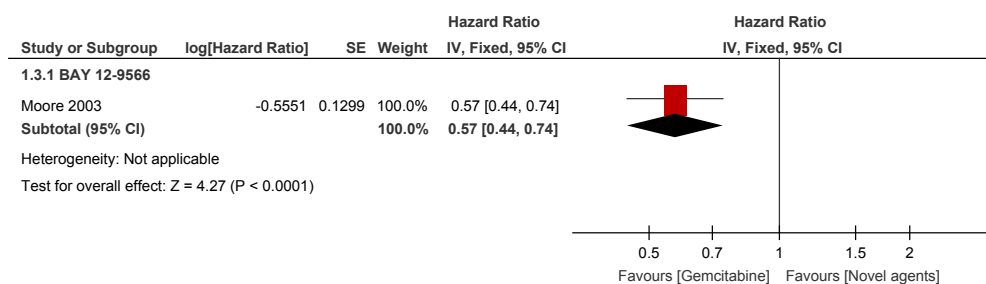
4 Test for subgroup differences: Chi² = 0.28, df = 1 (P = 0.59), I² = 0%

5 Figure 487: Progression-free survival



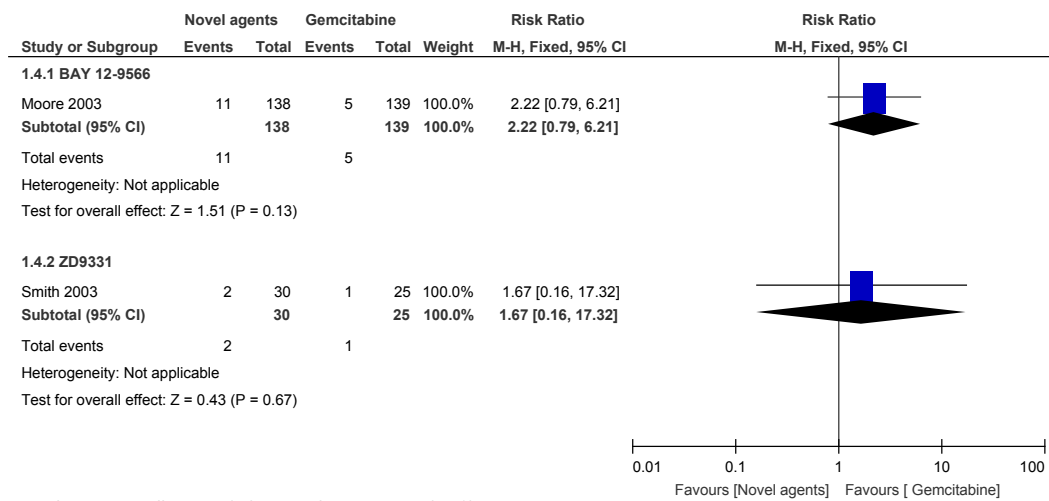
6

7 Figure 488: Overall survival



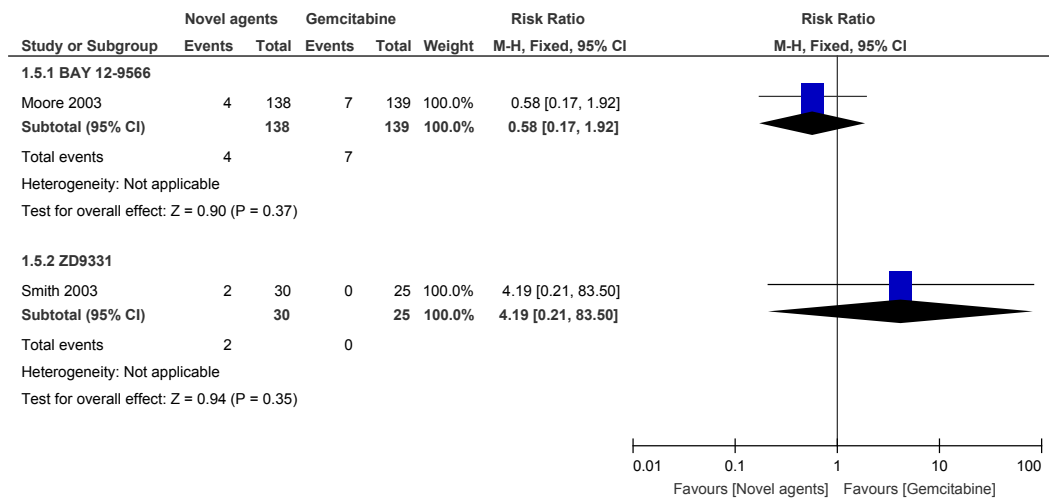
8

1 Figure 489: Grade 3/4 toxicities: Nausea



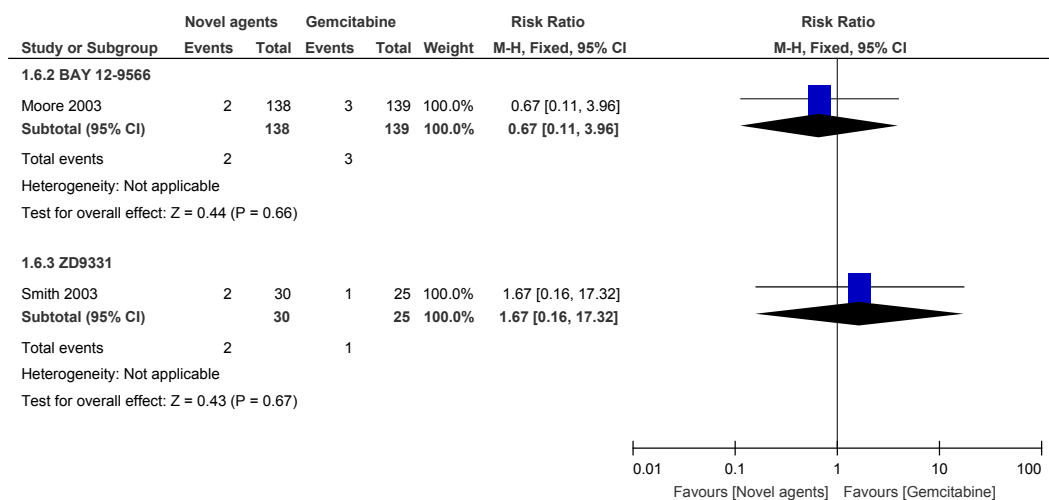
2 Test for subgroup differences: Chi² = 0.05, df = 1 (P = 0.83), I² = 0%

3 Figure 490: Grade 3/4 toxicities: Vomiting



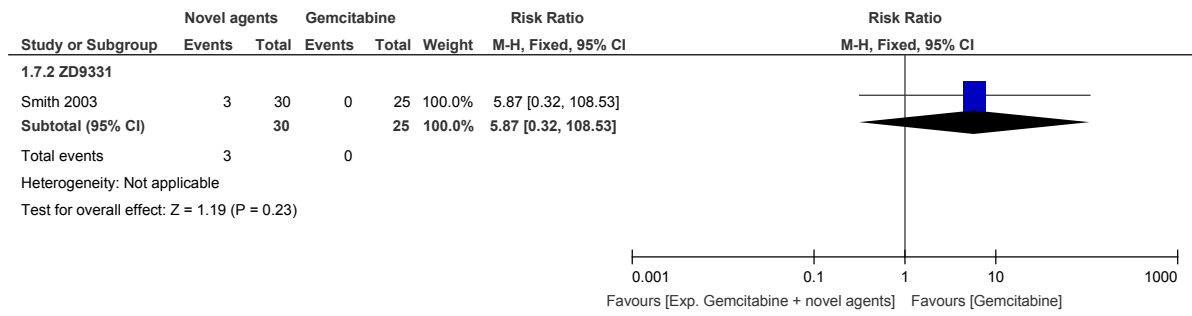
4 Test for subgroup differences: Chi² = 1.46, df = 1 (P = 0.23), I² = 31.3%

5 Figure 491: Grade 3/4 toxicities: Diarrhoea



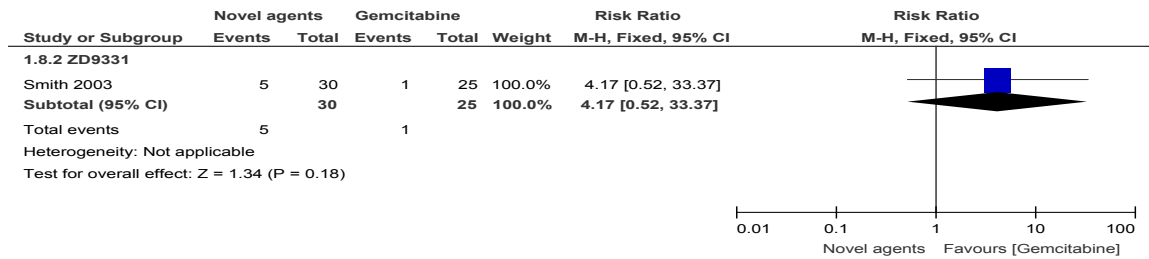
6 Test for subgroup differences: Chi² = 0.37, df = 1 (P = 0.54), I² = 0%

1 **Figure 492: Grade 3/4 toxicities: Fatigue**



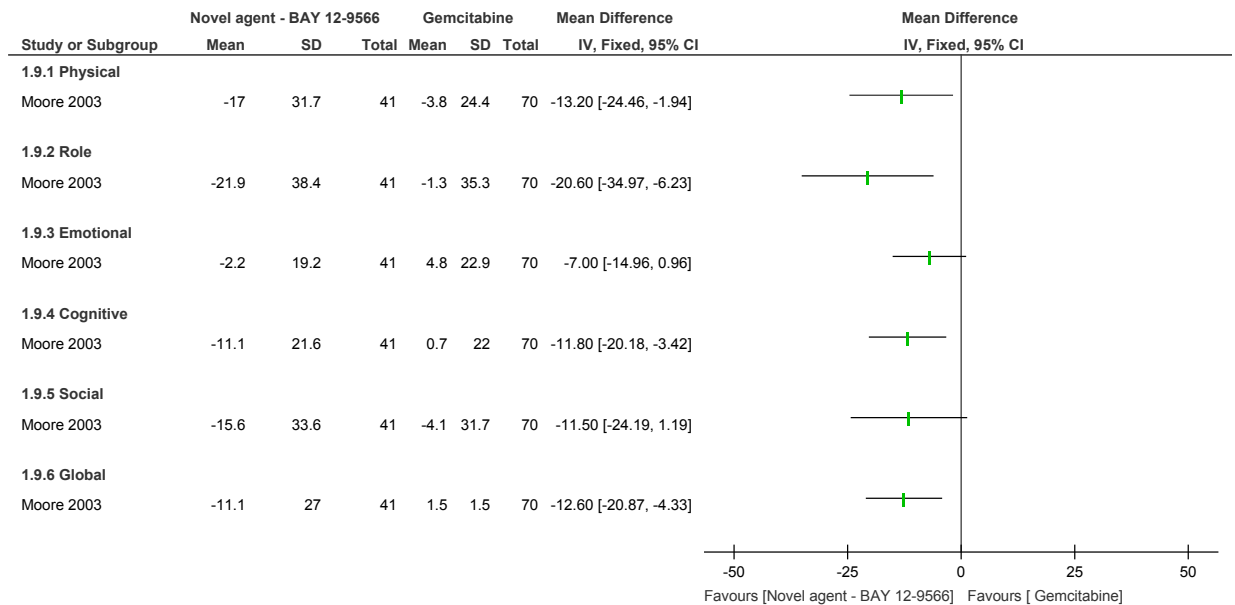
2

3 **Figure 493: Grade 3/4 toxicities: Neutropenia**



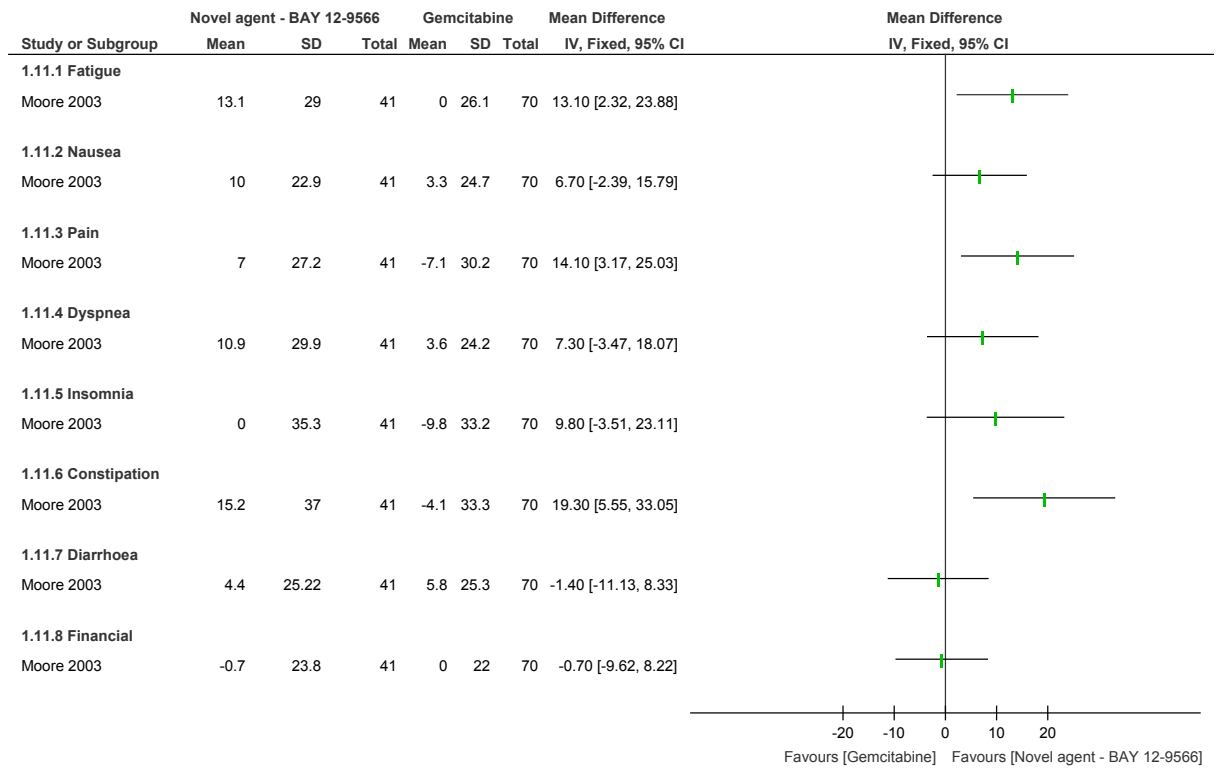
4

5 **Figure 494: HRQL (EORTC C-30: Domains) - Mean change from Baseline at 8 weeks**
6 **follow-up**



7

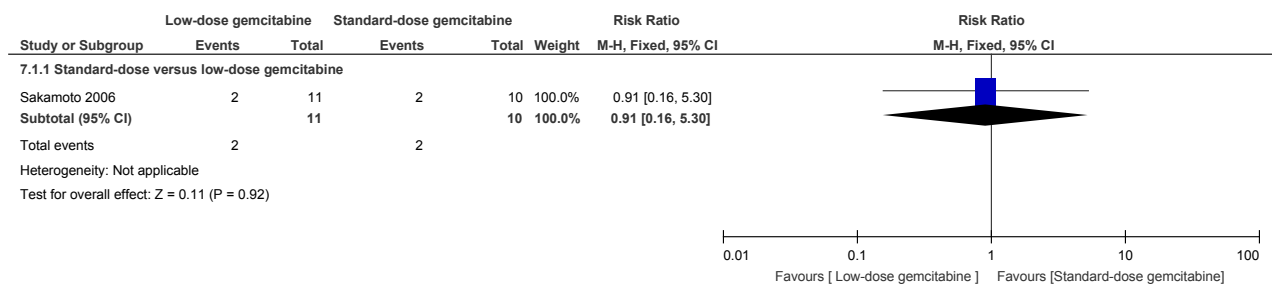
1 **Figure 495: HRQL (EORTC C-30: Symptoms) - Mean change From Baseline at 8 weeks**
2 **follow-up**



3

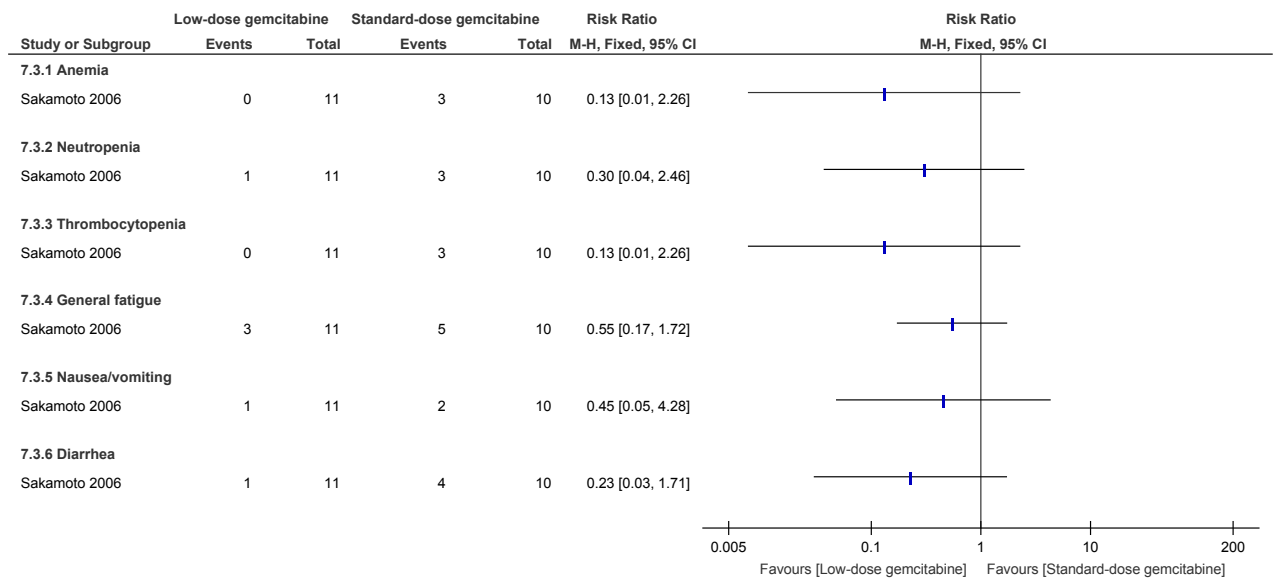
H.17.44 **Standard-dose gemcitabine versus low-dose gemcitabine in adults with locally**
5 **advanced or metastatic pancreatic cancer**

6 **Figure 496: Overall response rate (CR + PR)**



7

1 Figure 497: Grade 3/4 toxicities

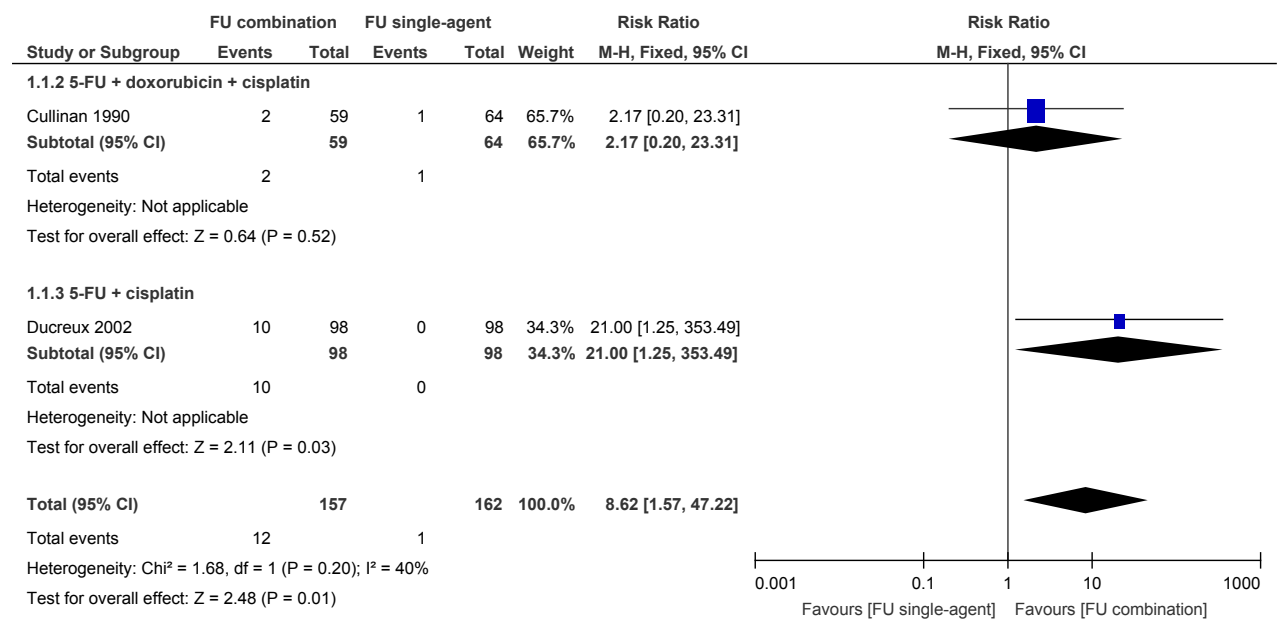


2

H.17.53 5-FU versus combination 5-FU

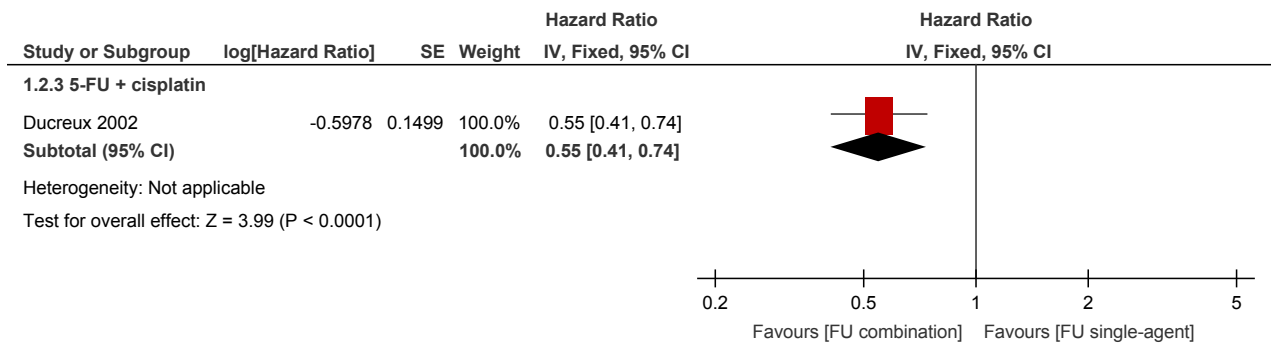
H.17.5.14 In adults with metastatic pancreatic cancer

5 Figure 498: Overall response rate (CR + PR)



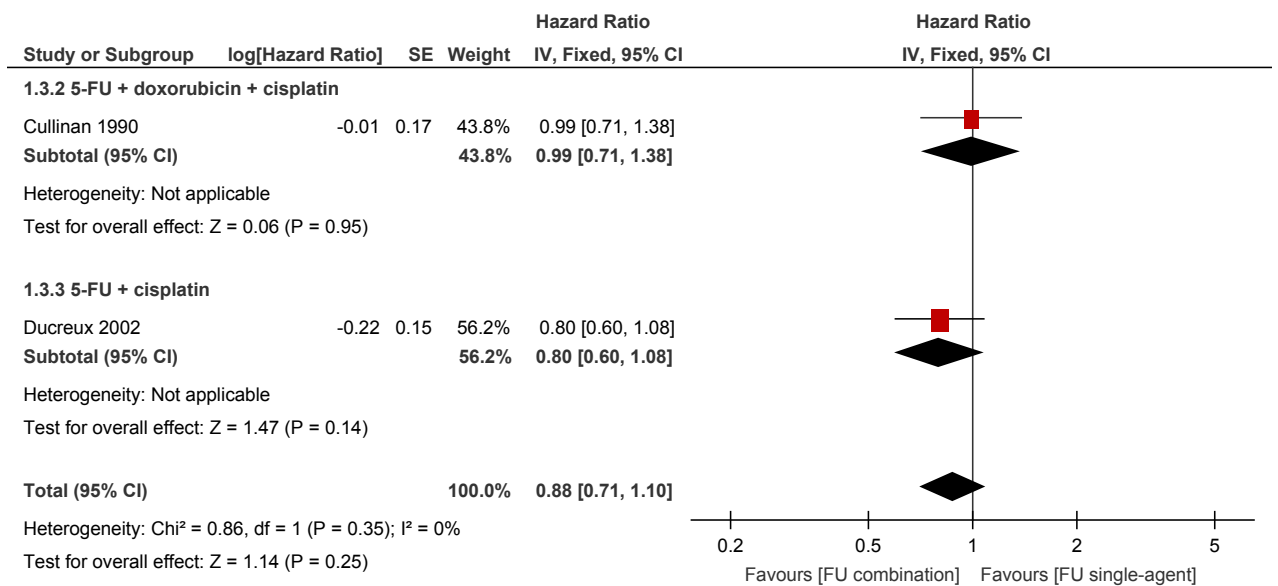
6

1 Figure 499: Progression-free survival



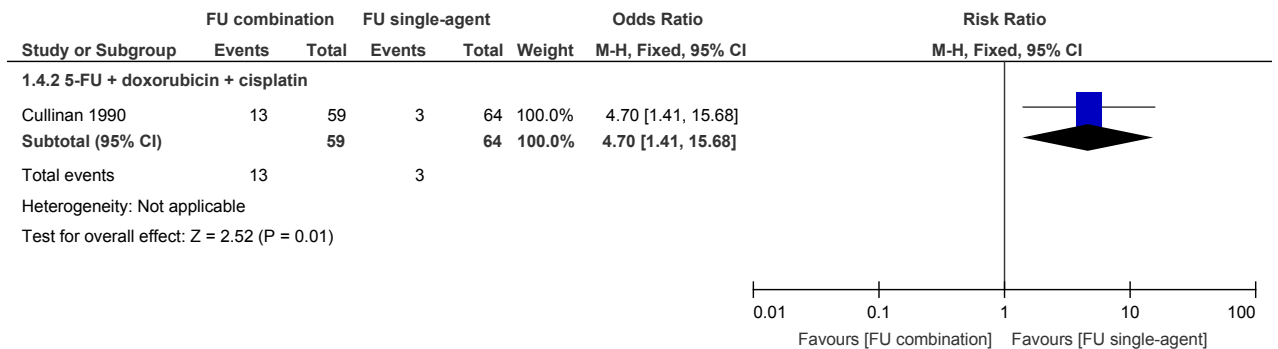
2

3 Figure 500: Overall survival



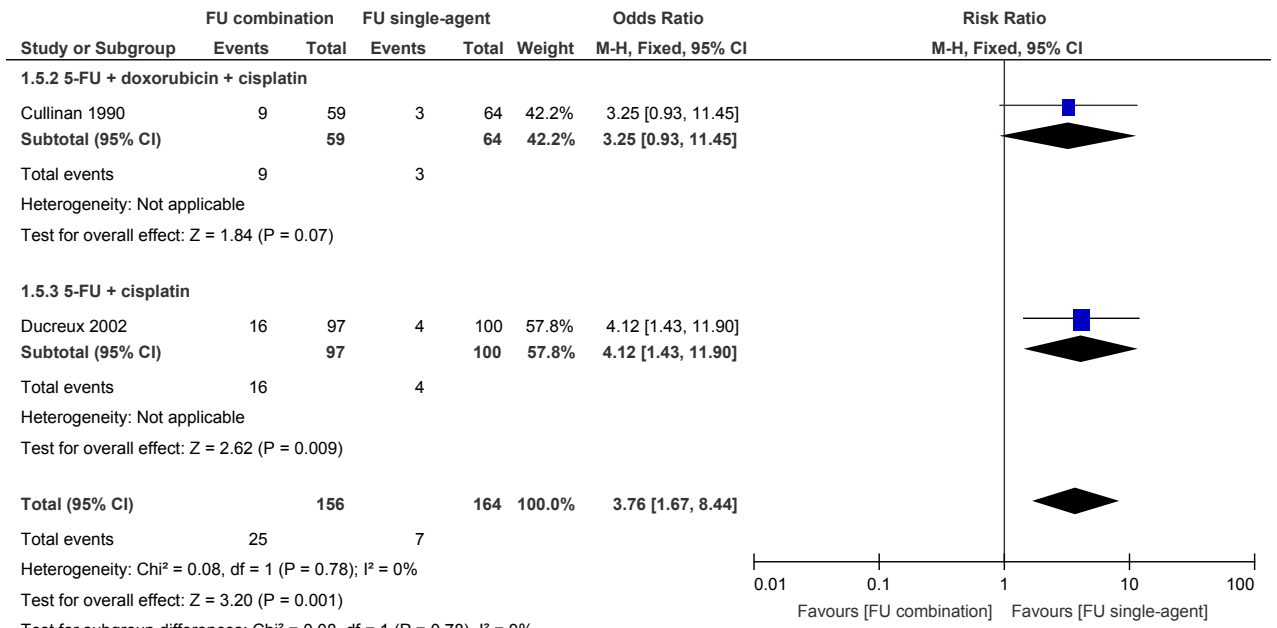
4 Test for subgroup differences: Chi² = 0.86, df = 1 (P = 0.35), I² = 0%

5 Figure 501: Grade 3/4 toxicities: Nausea



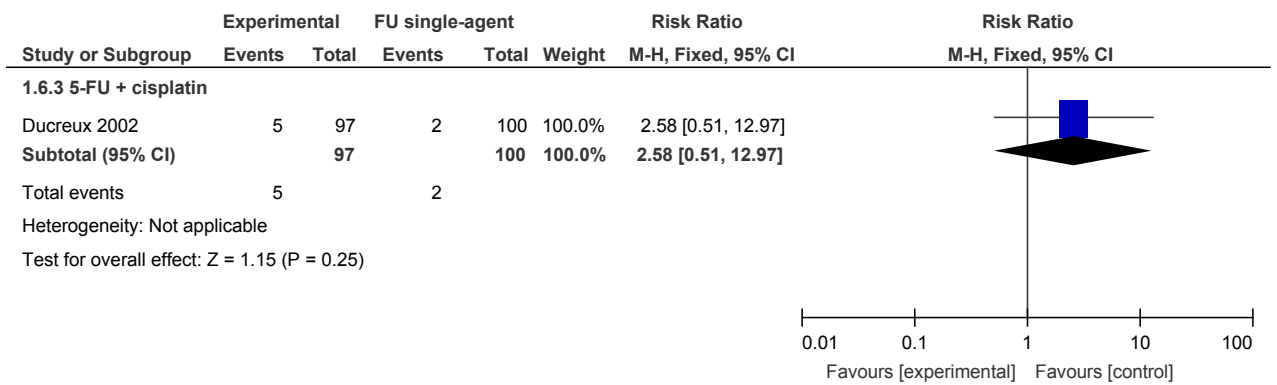
6

1 Figure 502: Grade 3/4 toxicities: Vomiting



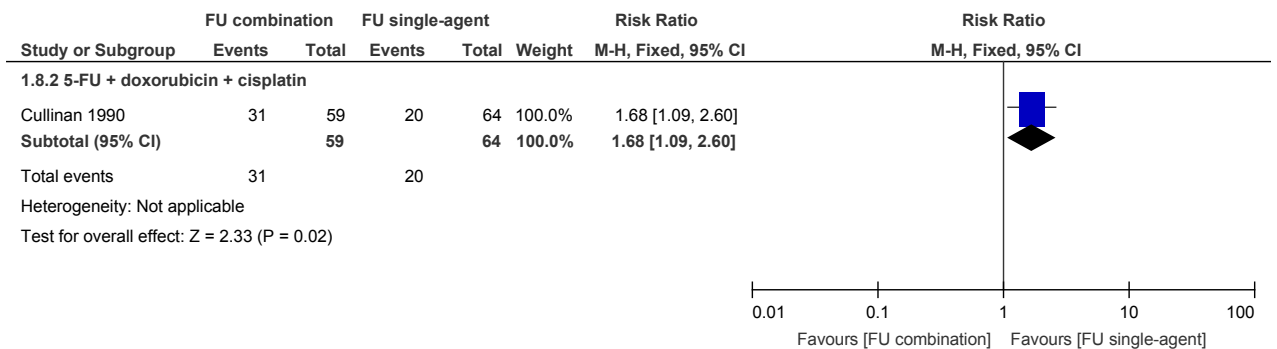
2

3 Figure 503: Grade 3/4 toxicities: Diarrhoea



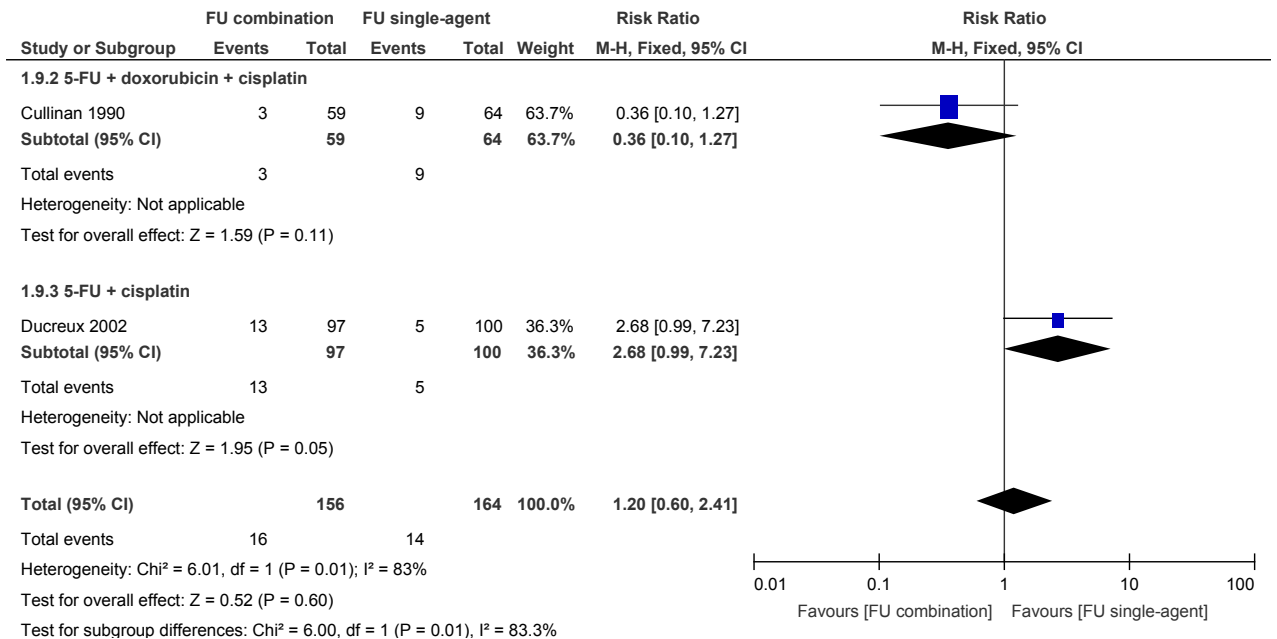
4

5 Figure 504: Grade 3/4 toxicities: Leucopenia



6

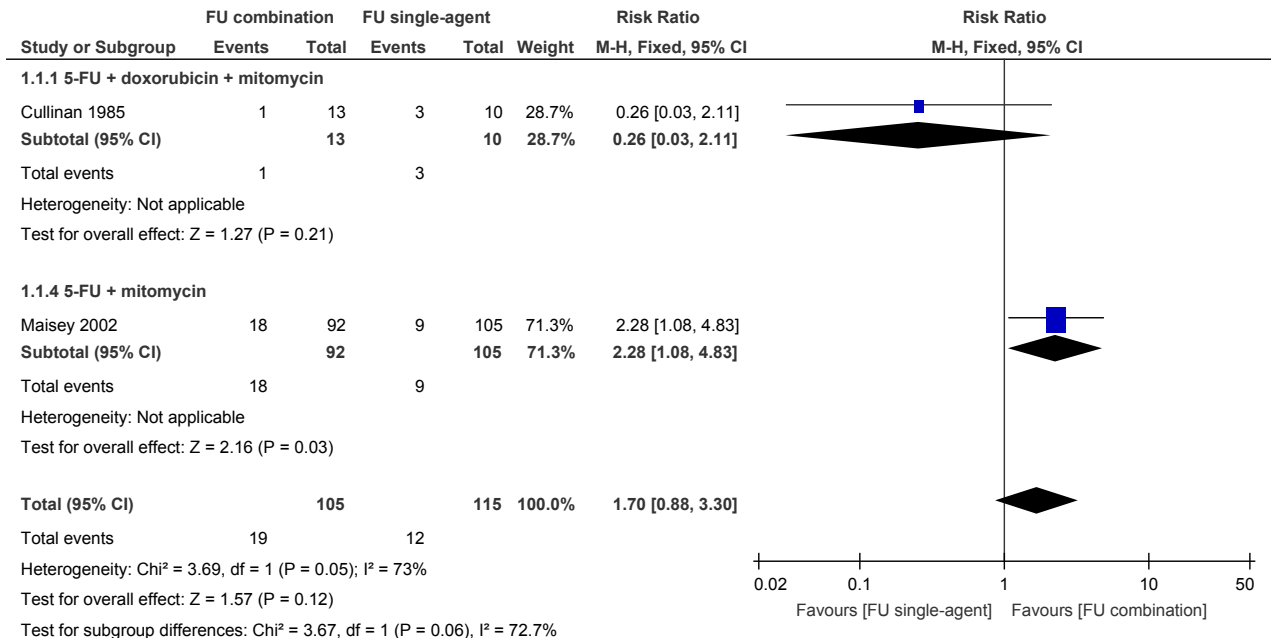
1 **Figure 505: Grade 3/4 toxicities: Stomatitis**



2

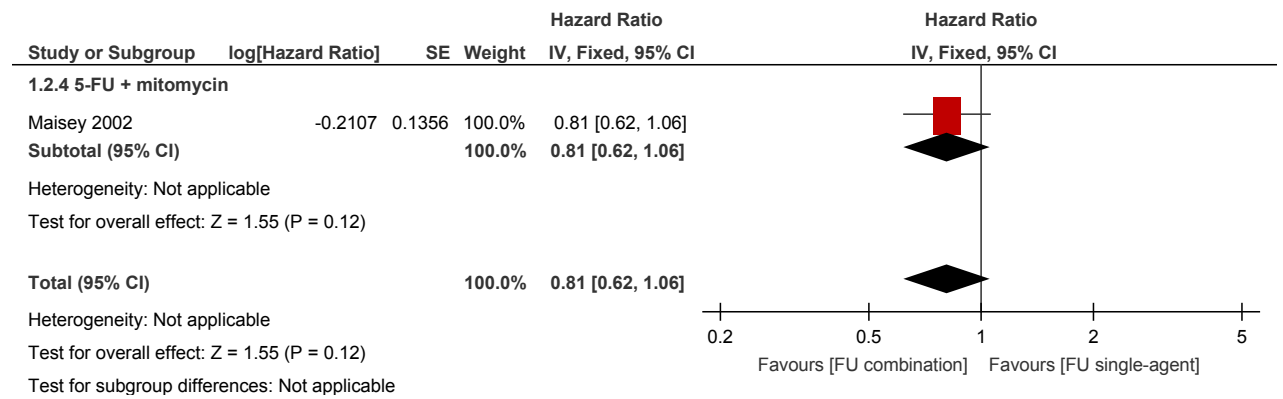
H.17.5.23 **In adults with locally advanced metastatic pancreatic cancer**

4 **Figure 506: Overall response rate (CR + PR)**

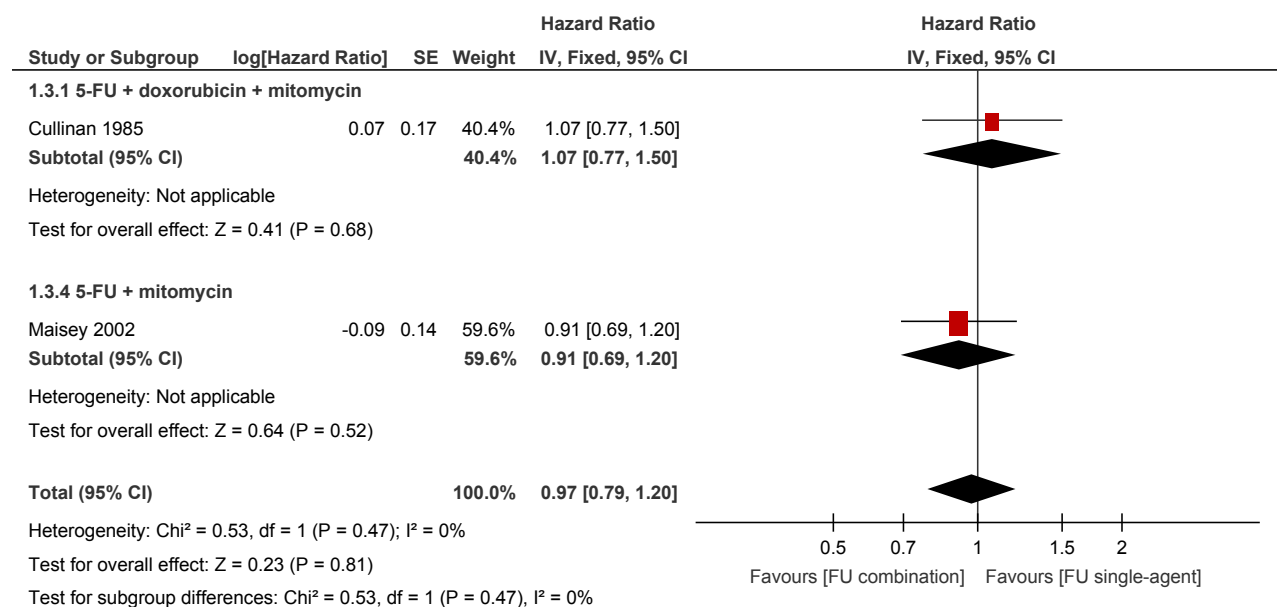


5

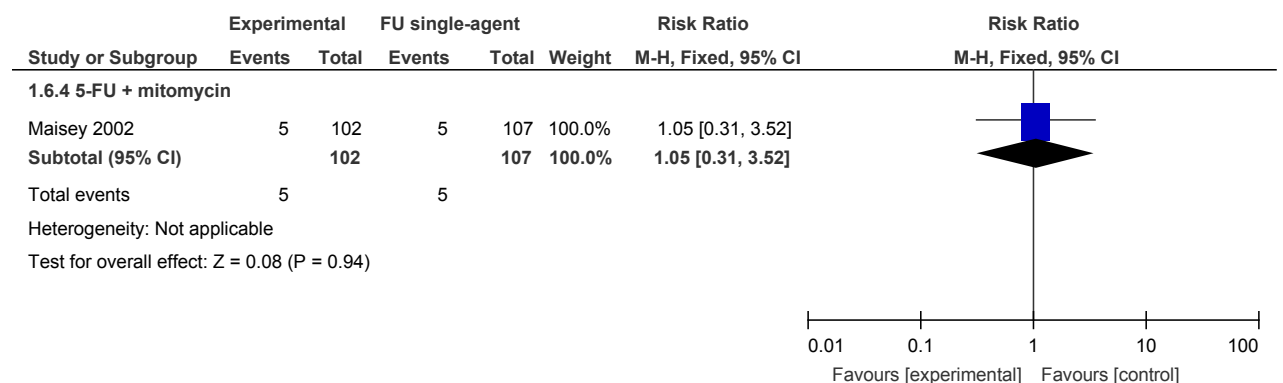
1 Figure 507: Progression-free survival



3 Figure 508: Overall Survival

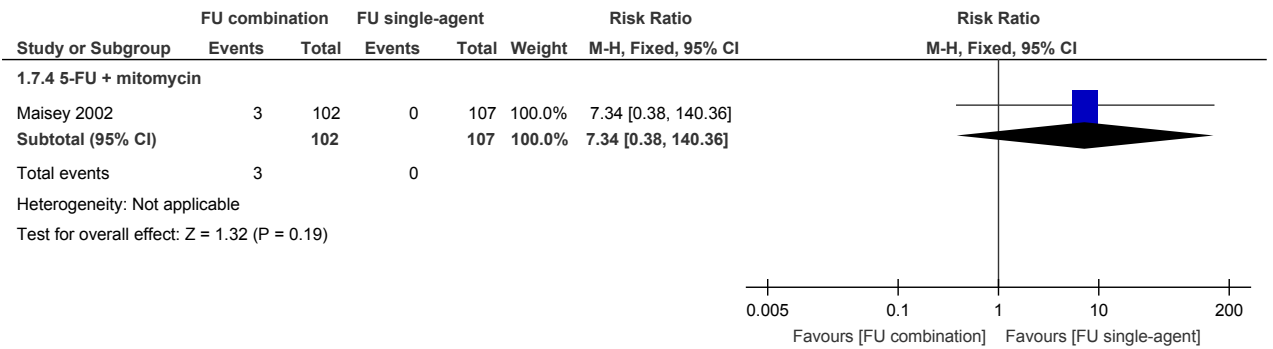


5 Figure 509: Grade 3/4 toxicities: Diarrhoea



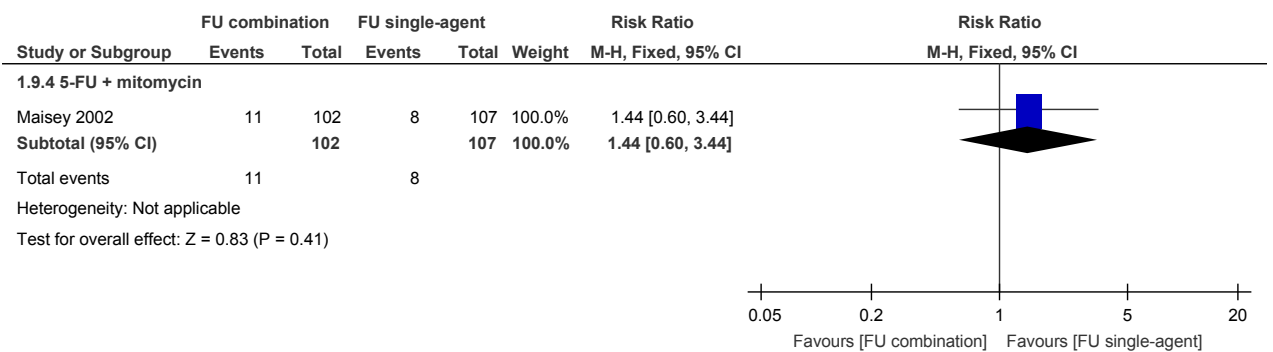
6

1 **Figure 510: Grade 3/4 toxicities: Neutropenia**



2

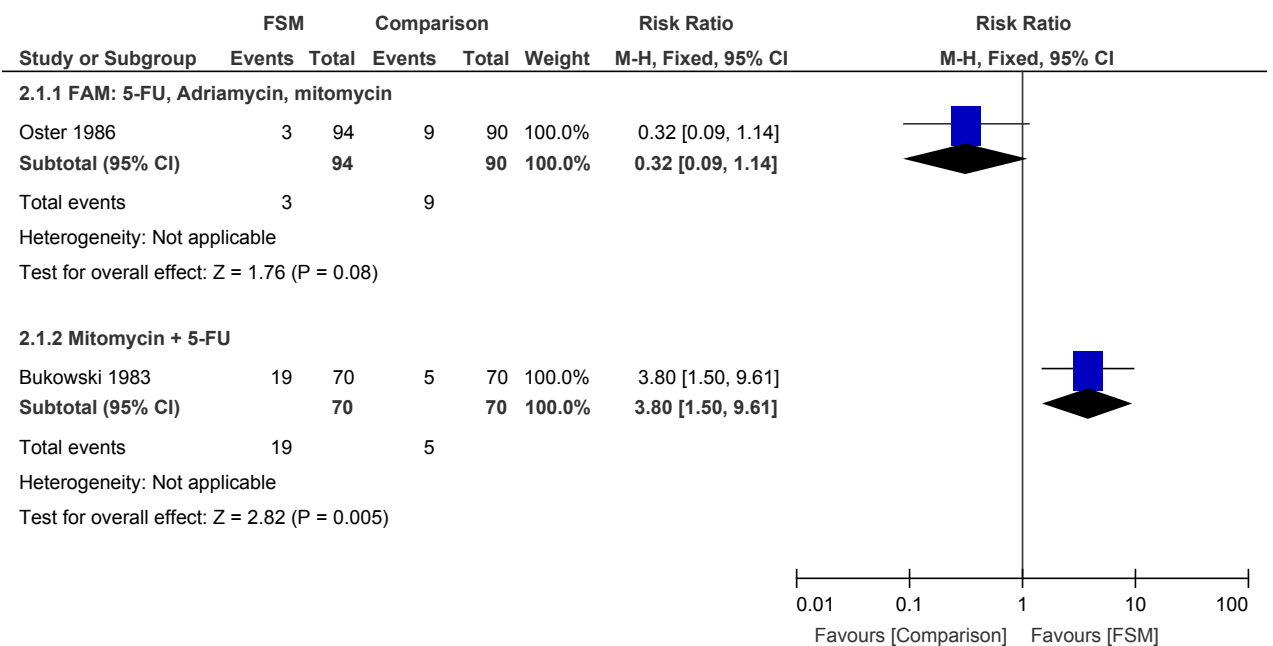
3 **Figure 511: Grade 3/4 toxicities: Stomatitis**



4

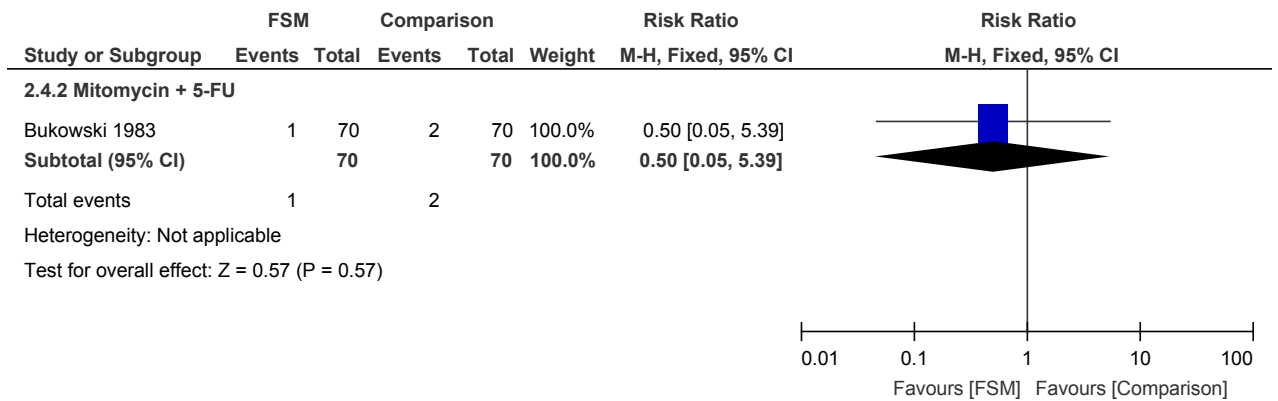
H.17.65 Combination 5-FU (FSM) versus other chemotherapy regimens in adults with locally advanced or metastatic pancreatic cancer

7 **Figure 512: Overall response rate (CR + PR)**



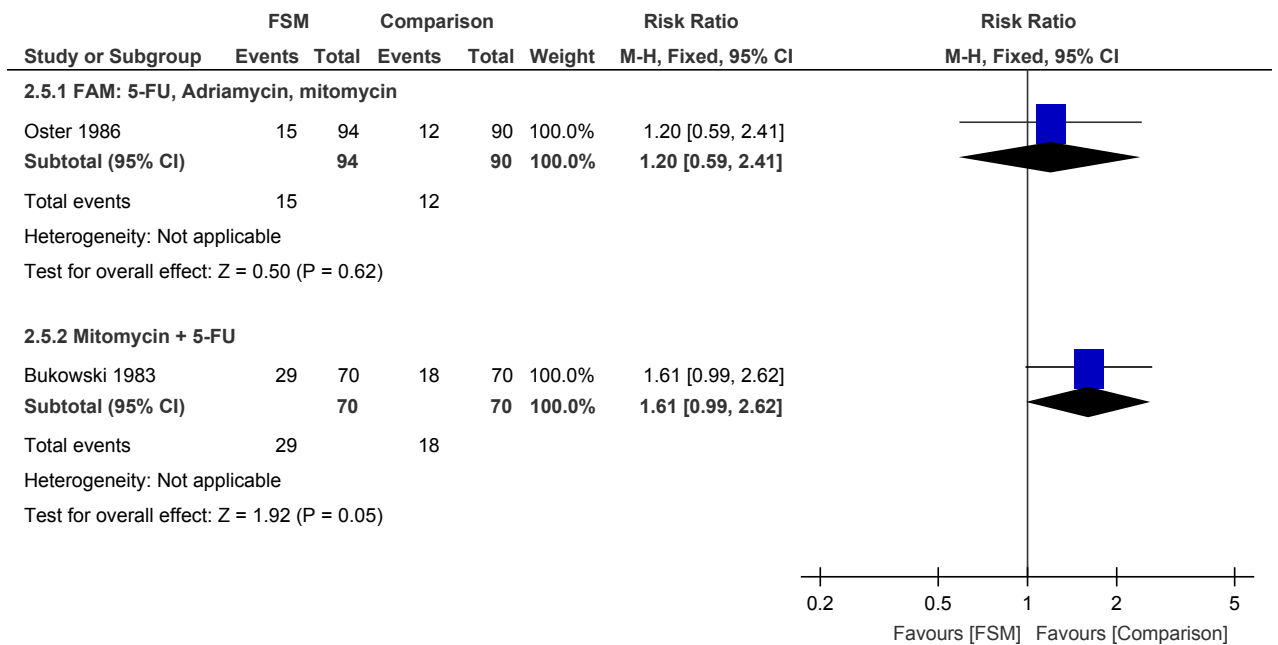
8

1 **Figure 513: Grade 3/4 toxicities: Diarrhoea**



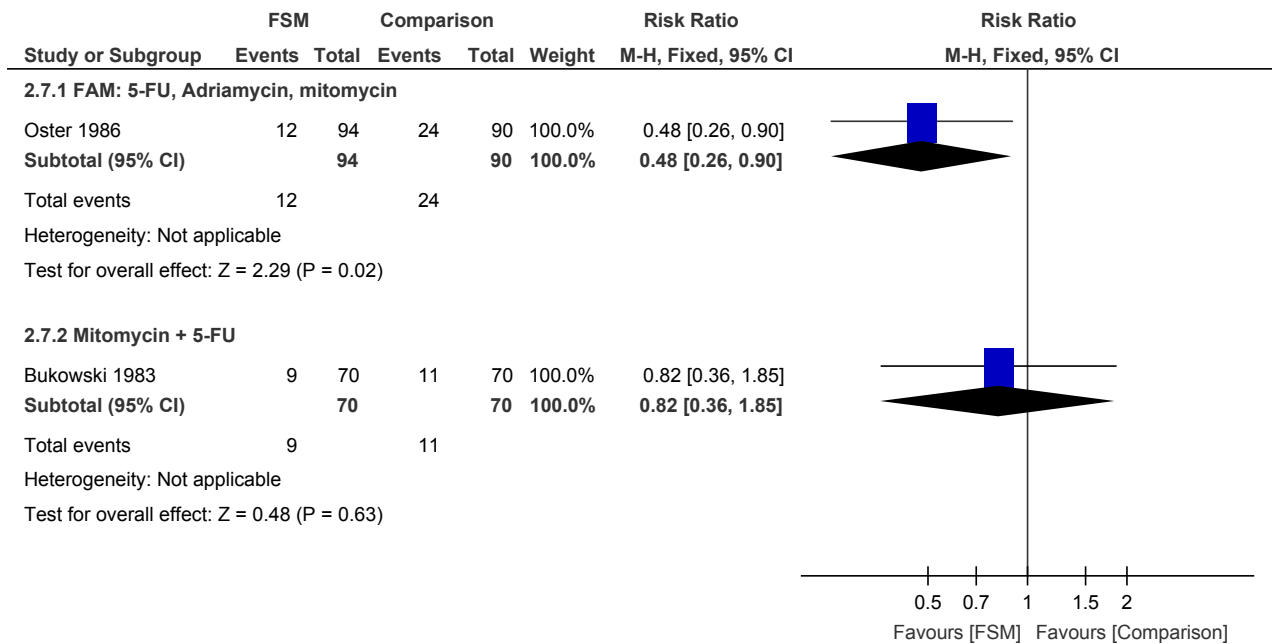
2

3 **Figure 514: Grade 3/4 toxicities: Nausea/vomiting**

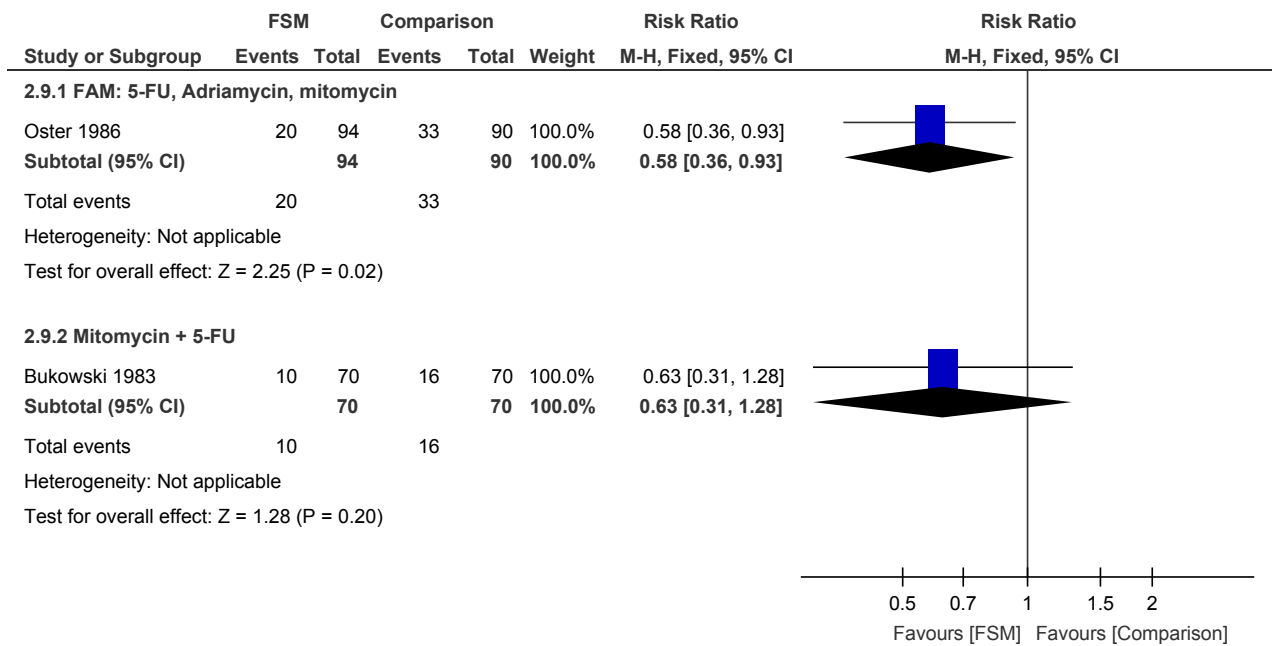


4

1 **Figure 515: Grade 3/4 toxicities: Leucopenia**

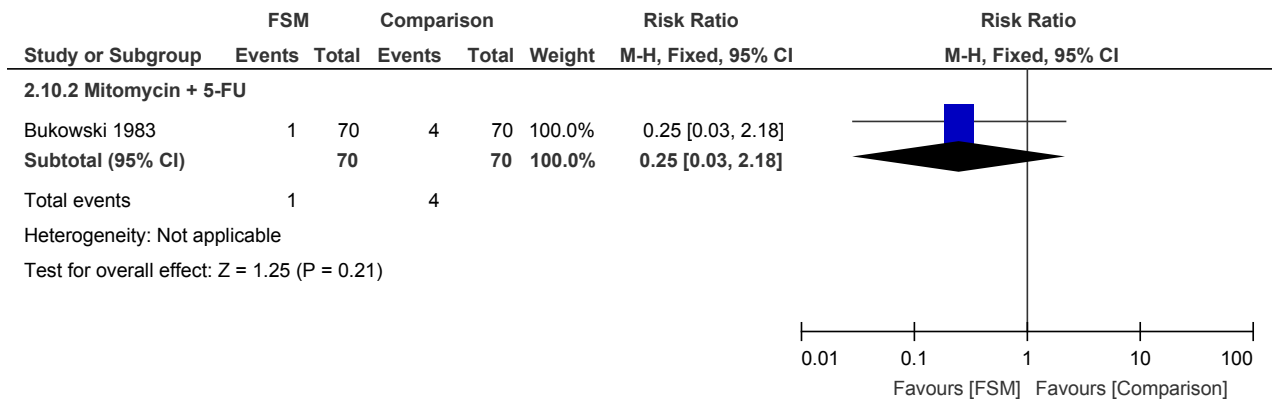


2
3 **Figure 516: Grade 3/4 toxicities: Thrombocytopenia**



4

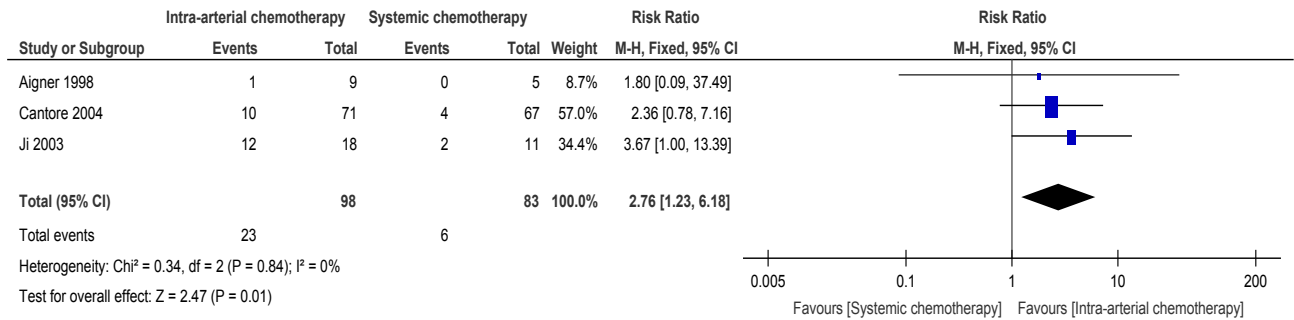
1 **Figure 517: Drug-related deaths**



2

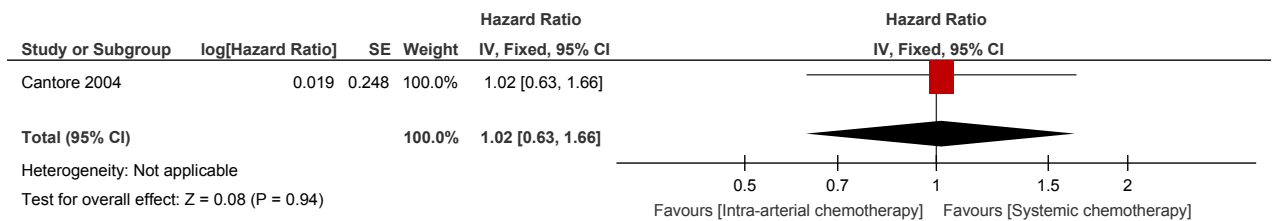
H.17.73 Intra-arterial chemotherapy versus systemic chemotherapy in adults with locally advanced and metastatic pancreatic cancer

5 **Figure 518: Overall response rate (CR + PR)**



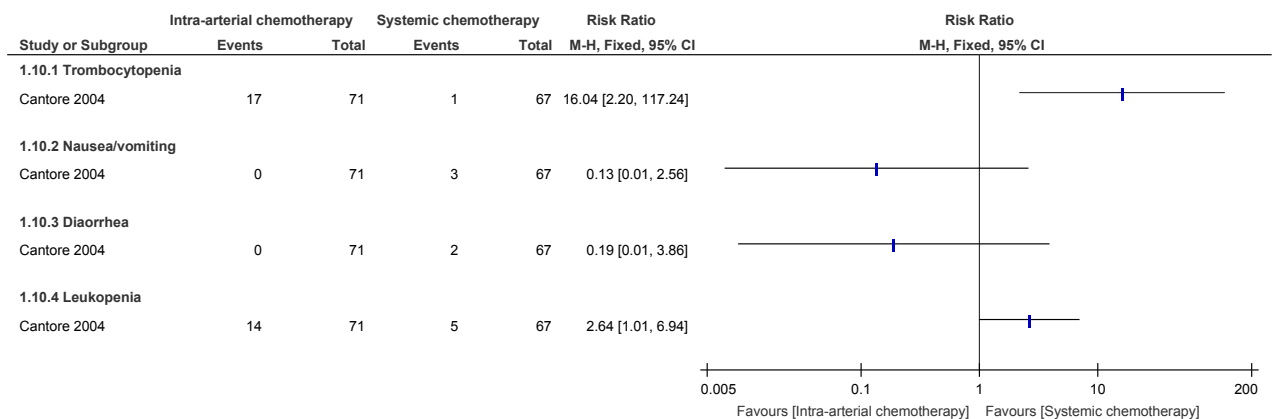
6

7 **Figure 519: Overall survival**



8

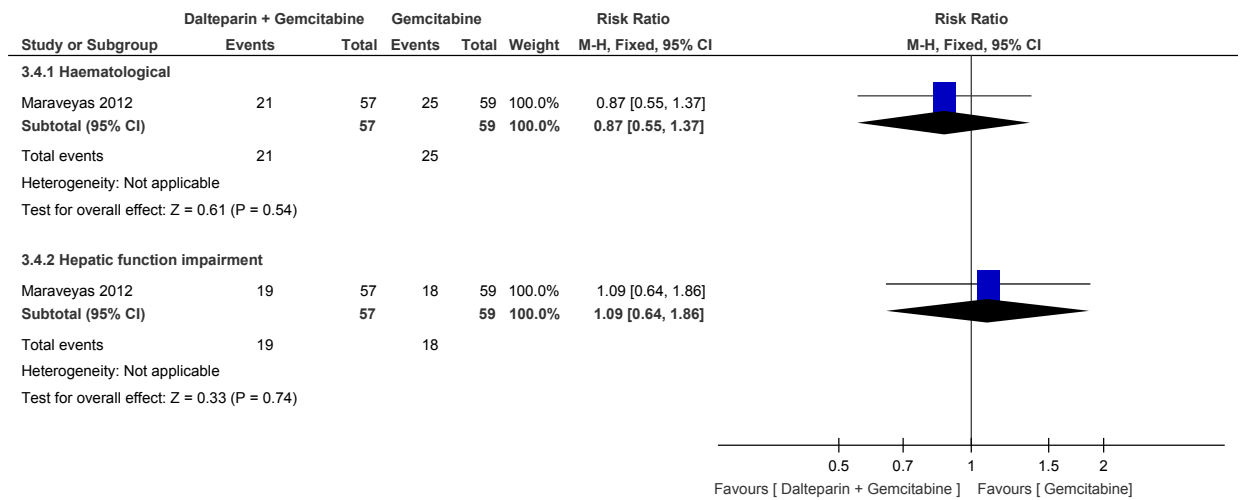
9 **Figure 520: Grade 3/4 toxicities**



10

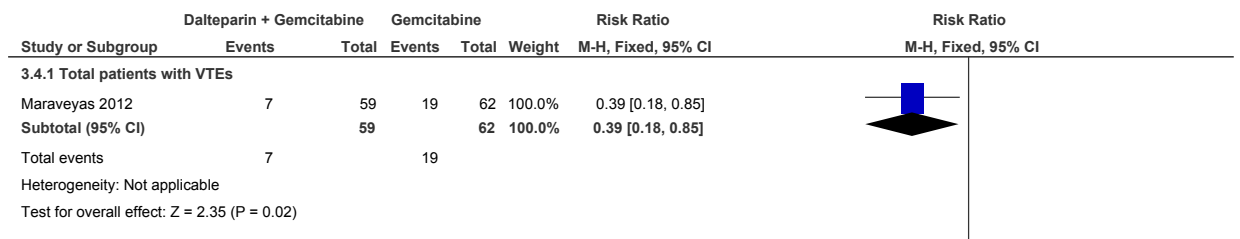
H.17.81 Chemotherapy versus chemotherapy and prophylactic anticoagulant

2 Figure 521: Adverse effects: Grade 3/4 toxicities



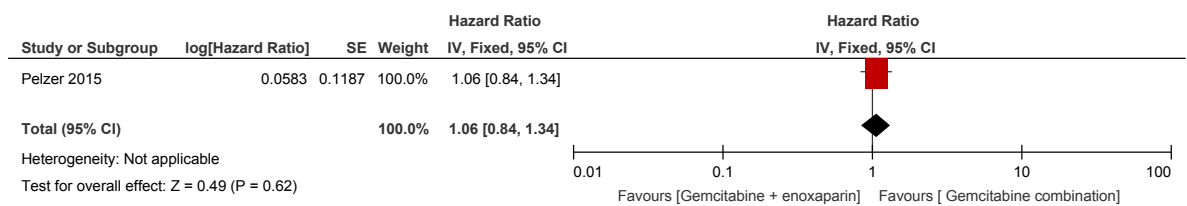
3

4 Figure 522: Adverse effects: vascular thromboembolism events (VTEs)



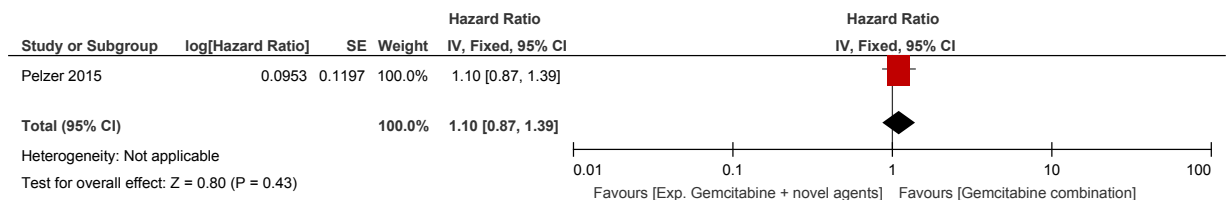
5

6 Figure 523: Combination gemcitabine vs gemcitabine + enoxaparin – Progression-free survival



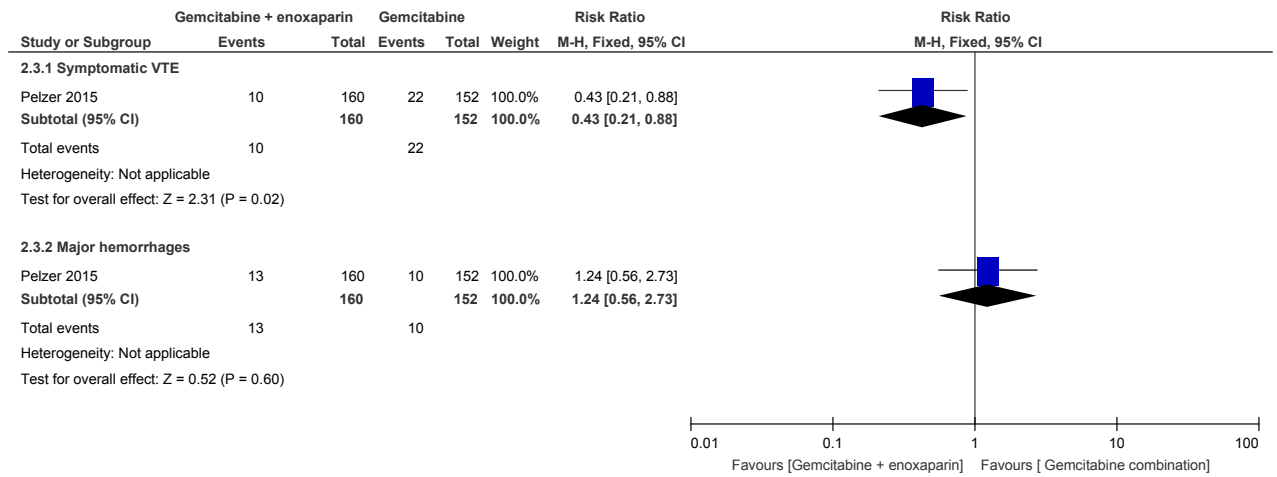
8

9 Figure 524: Combination gemcitabine vs gemcitabine + enoxaparin – Overall Survival



10

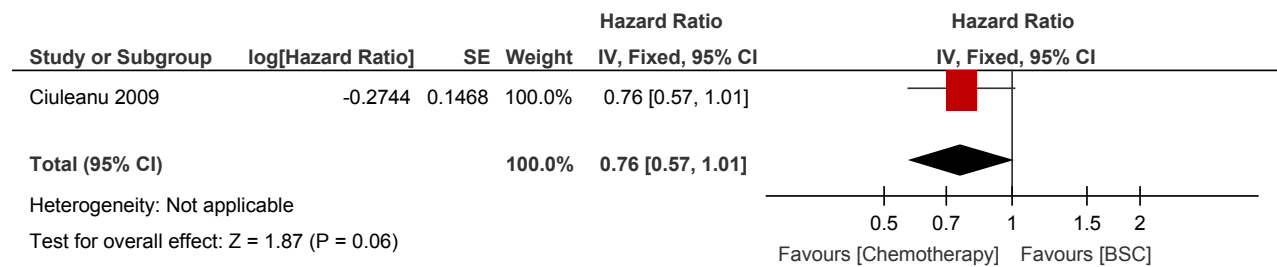
1 **Figure 525: Combination gemcitabine vs gemcitabine + enoxaparin – Adverse effects:**
2 **vascular thromboembolism (VTE)**



3

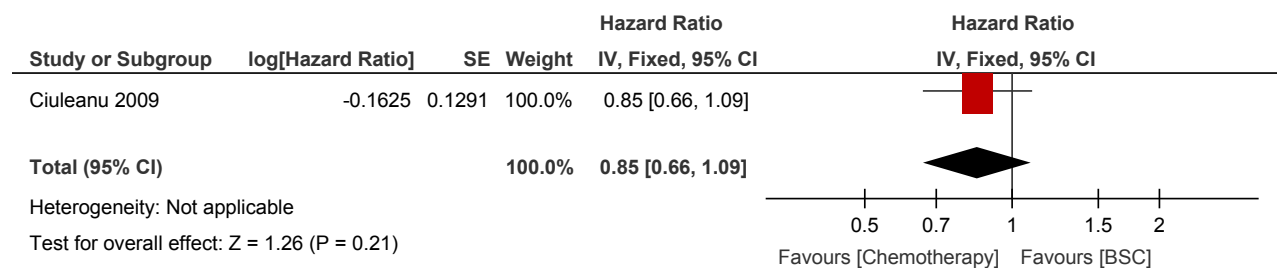
H.17.94 Second-line chemotherapy versus best supportive care

5 **Figure 526: Progression-free survival**



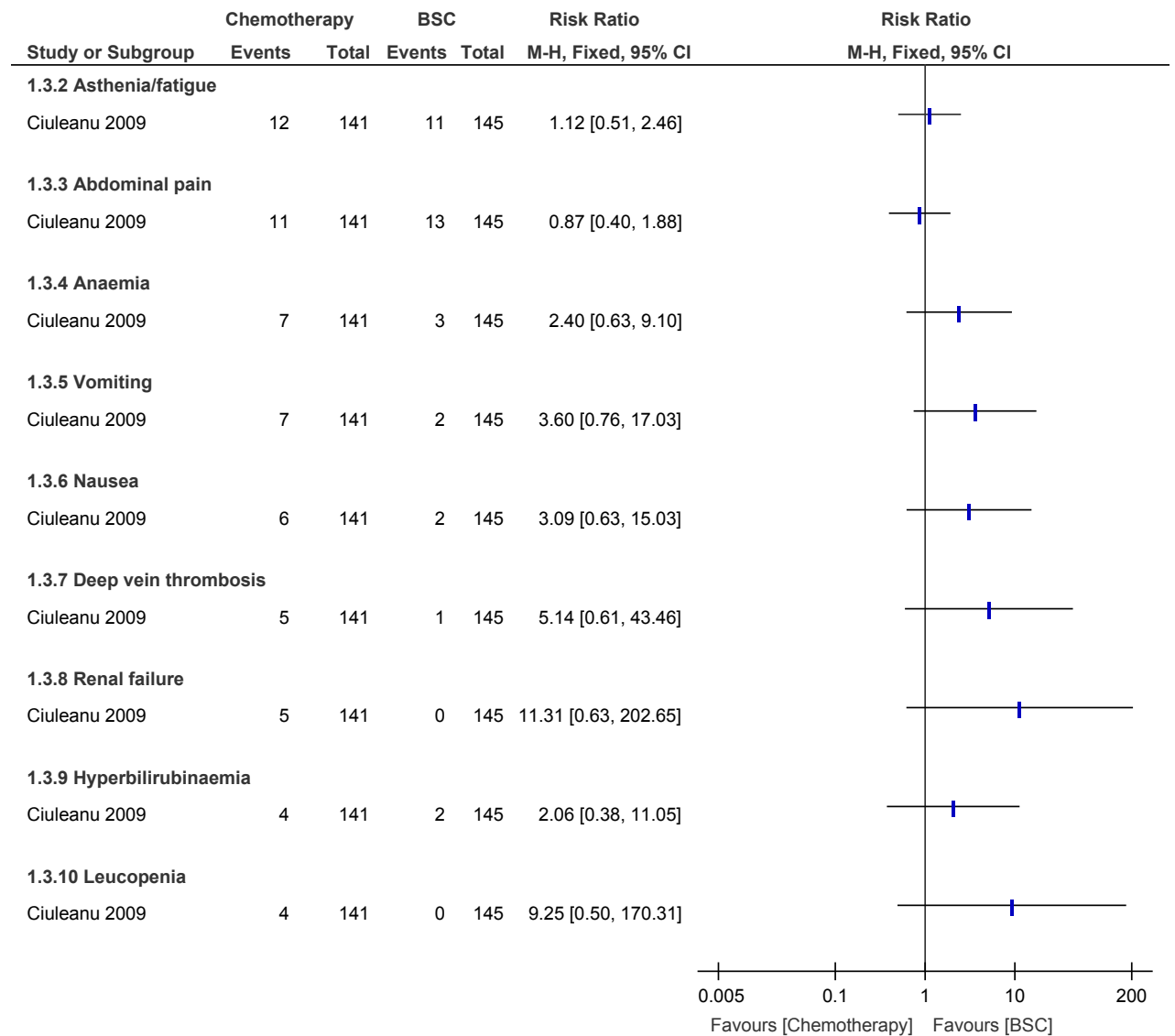
6

7 **Figure 527: Overall survival**



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9

1 **Figure 528: Grade 3/4/5 adverse effects**



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H.17.103 Second-line chemotherapy versus other chemotherapy

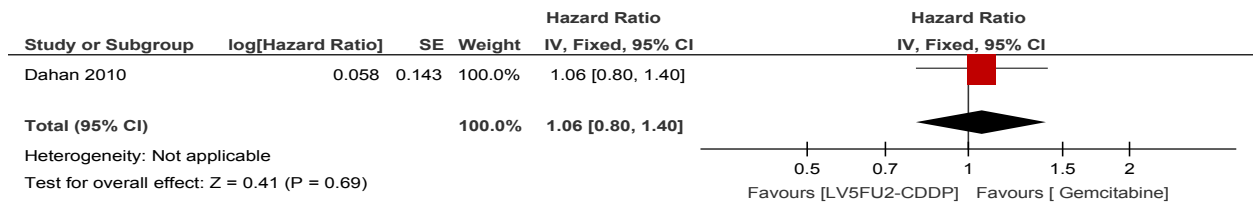
H.17.10.14 LV5FU2-CDDP then Gemcitabine versus Gemcitabine then LV5FU2-CDDP in adults with metastatic pancreatic cancer

6 **Figure 529:– Overall response rate (CR + PR)**



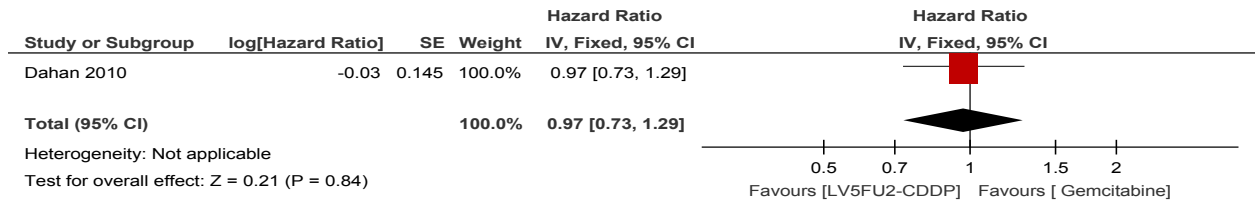
7

1 **Figure 530: Progression Free Survival**



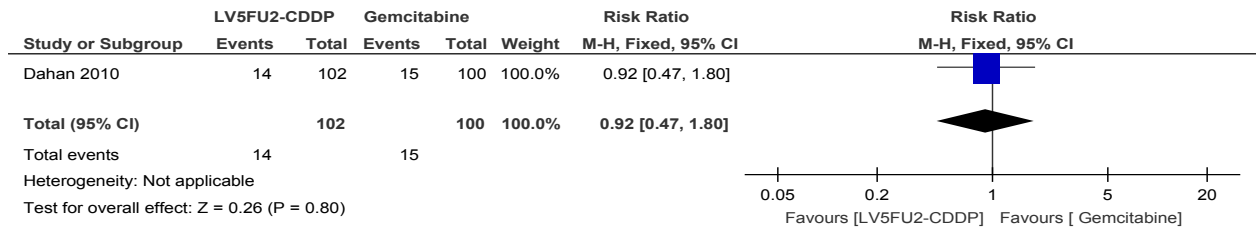
2

3 **Figure 531: Overall Survival**



4

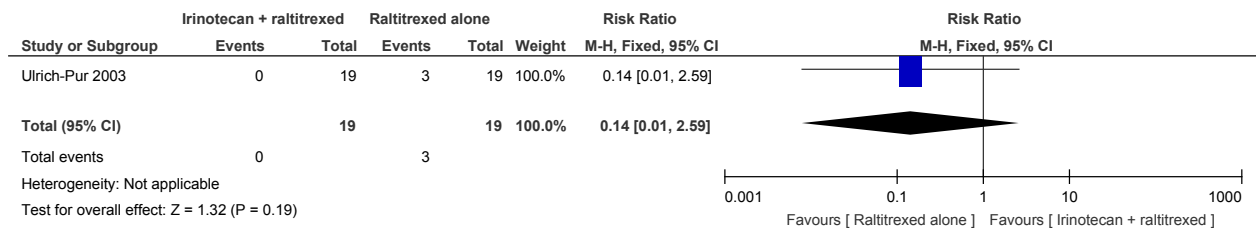
5 **Figure 532: Grade 3/4 toxicities: Nausea/vomiting**



6

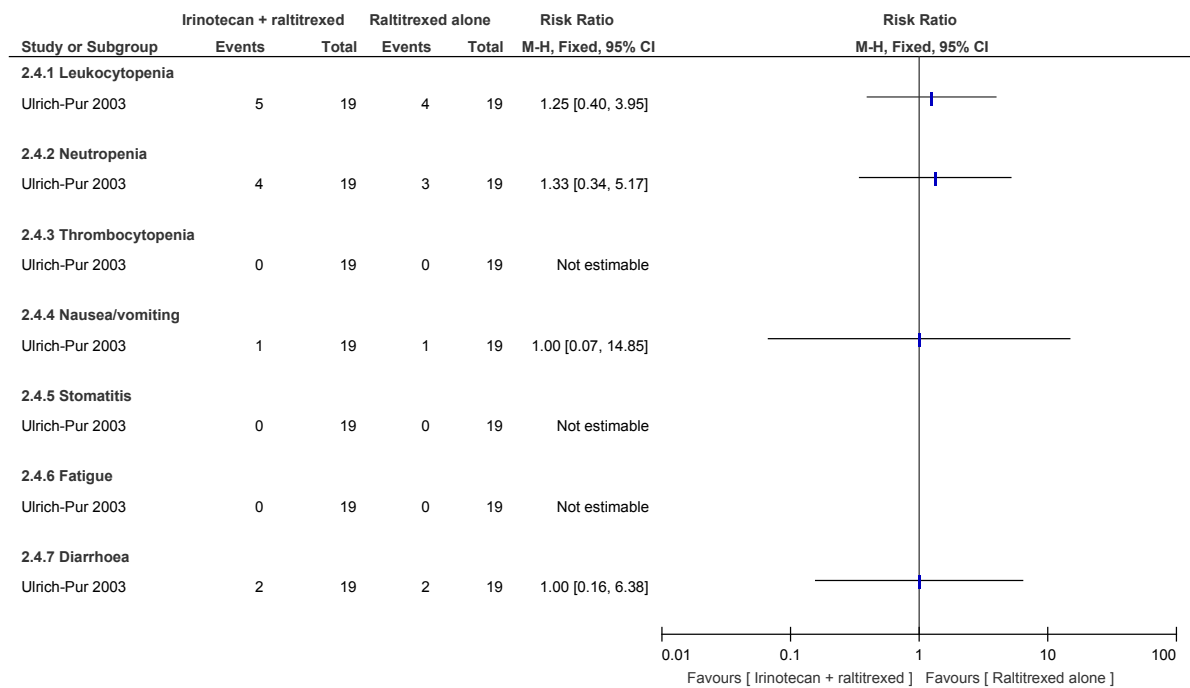
H.17.10.27 **Irinotecan + raltitrexed versus raltitrexed in adults with metastatic pancreatic cancer**

8 **Figure 533: Overall response rate (CR + PR)**



9

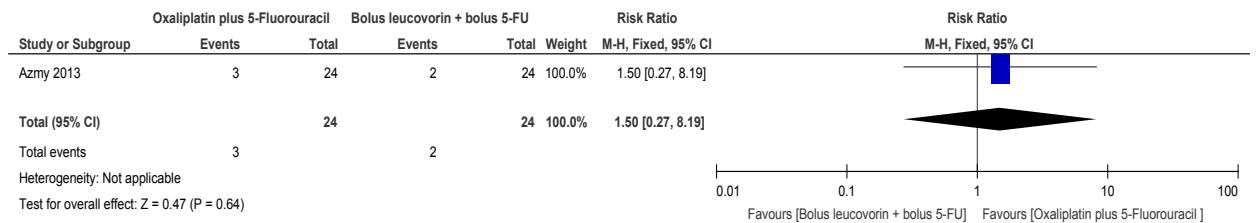
1 **Figure 534: Grade 3/4 toxicities**



2

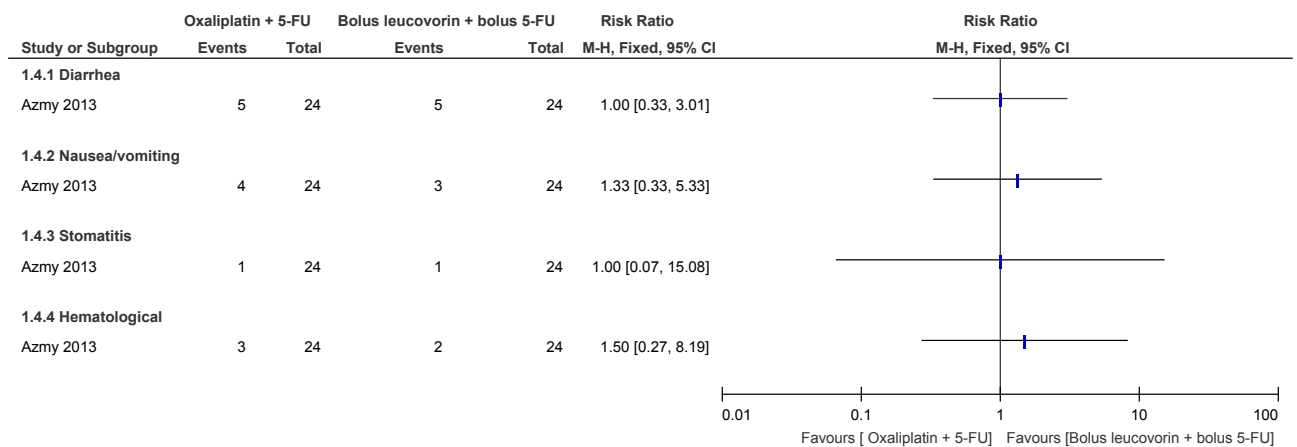
H.17.10.33 **5-FU and Oxaliplatin versus bolus 5-FU and bolus FA in adults with locally advanced or metastatic pancreatic cancer**

5 **Figure 535: Overall response rate (CR + PR)**



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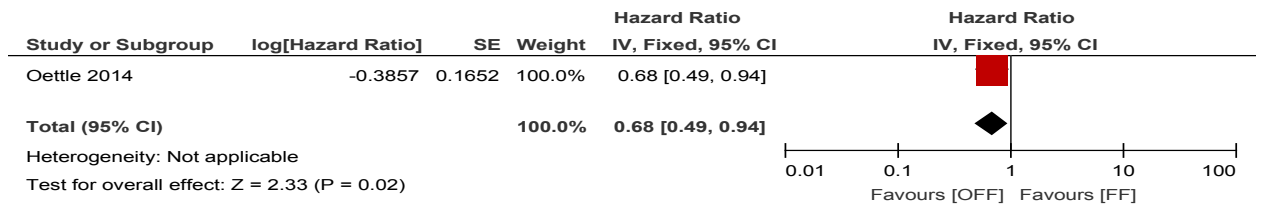
7 **Figure 536: Grade 3/4 toxicities**



8

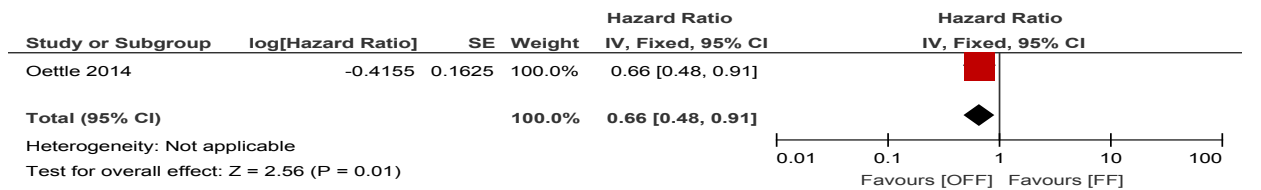
H.17.10.41 Oxaliplatin + 5-FU versus FA + 5-FU in adults with locally advanced and metastatic pancreatic cancer

2 Figure 537: Progression-free survival



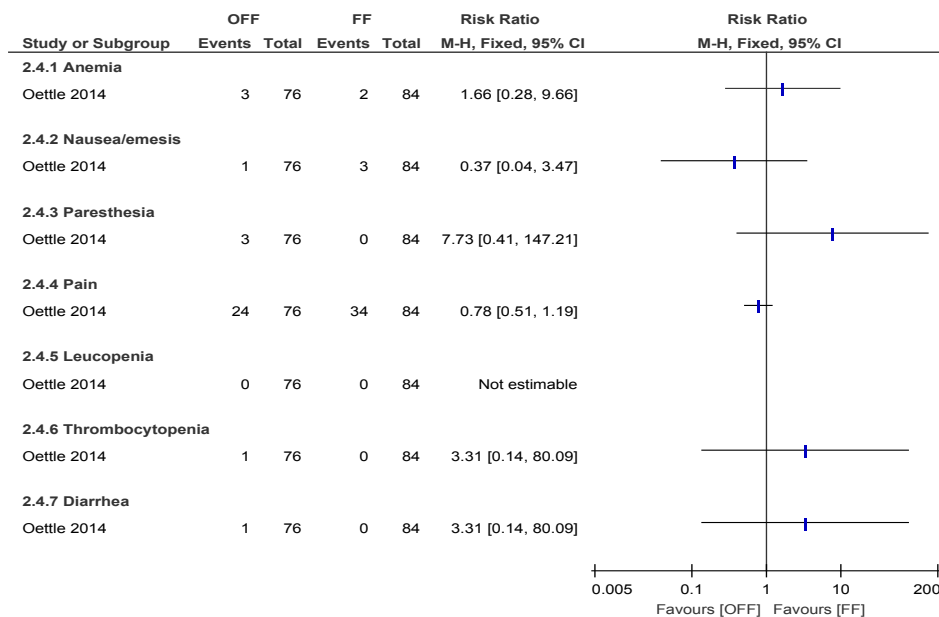
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5 Figure 538: Overall Survival



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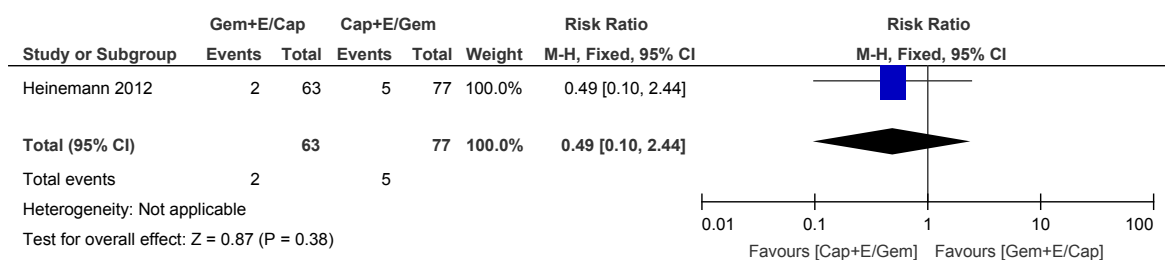
7 Figure 539: Grade 3/4 toxicities



8

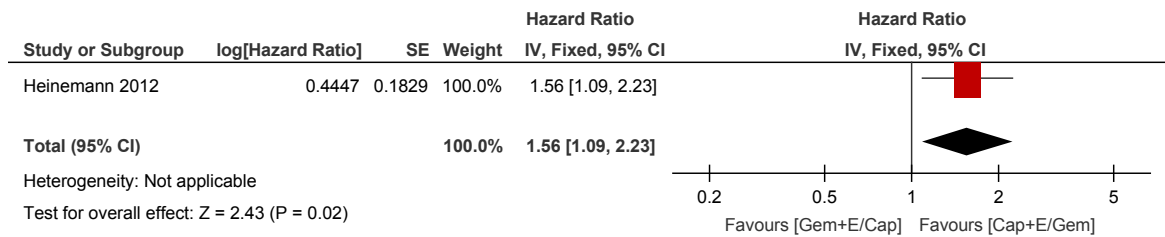
H.17.10.59 Capecitabine + erlotinib then gemcitabine versus gemcitabine and erlotinib then capecitabine in adults with locally advanced or metastatic pancreatic cancer

11 Figure 540: Overall response rate (CR + PR)



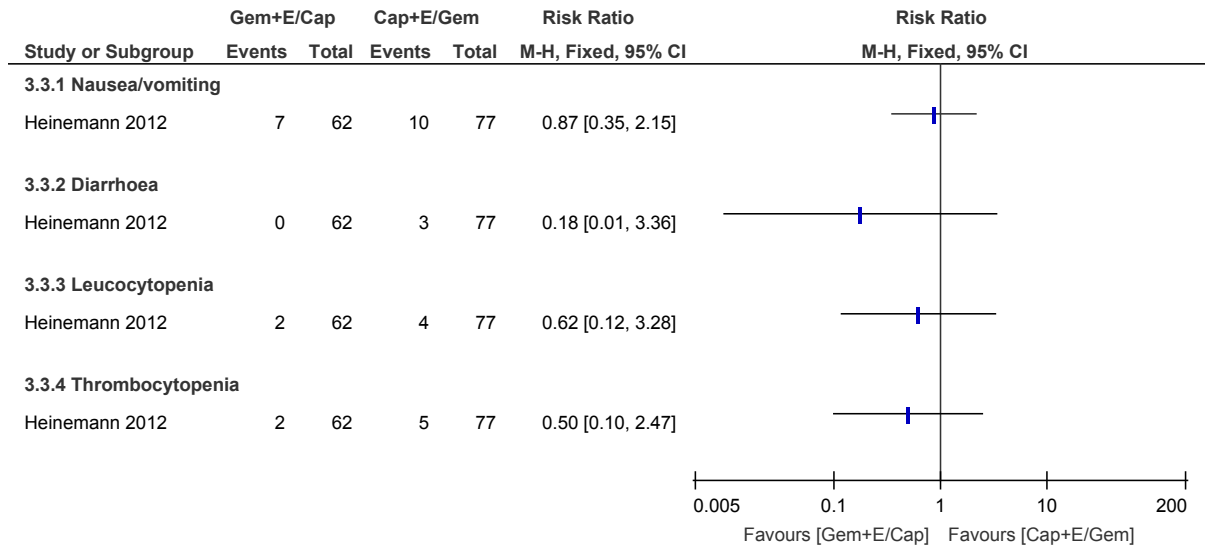
12

1 **Figure 541: Overall survival**



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3 **Figure 542: Grade 3/4 toxicities**



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H.17.10.65 **Modified FOLFOX6 (infusion) vs infusional 5-FU and FA in adults with locally advanced or metastatic pancreatic cancer**

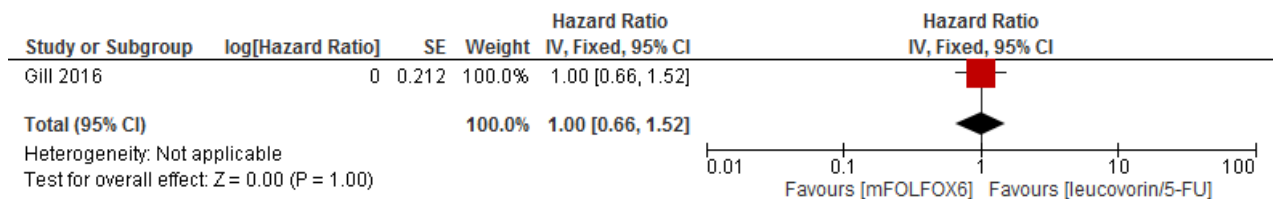
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7 **Figure 543: Overall response rate (CR + PR)**



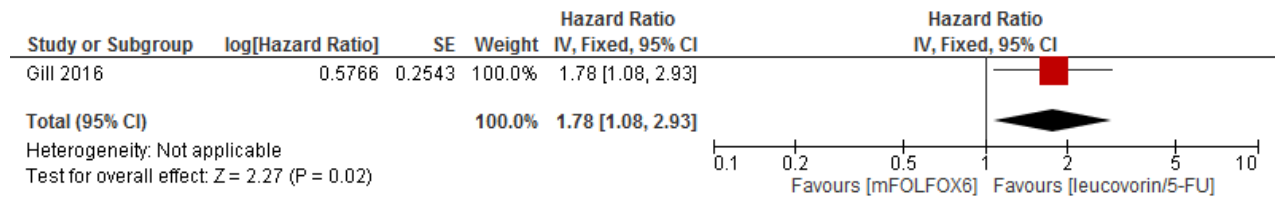
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9 **Figure 544: Progression-free survival**



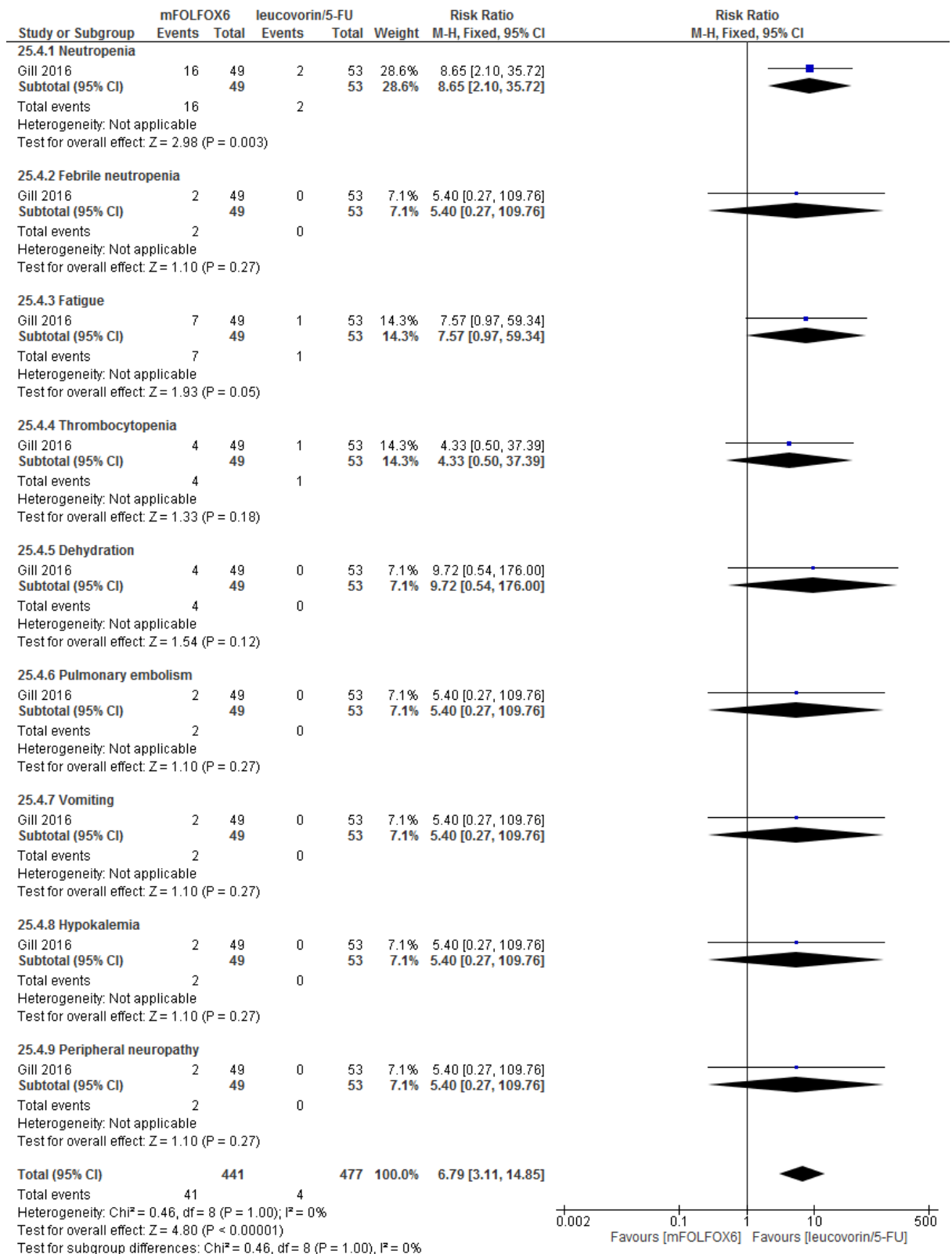
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1 **Figure 545: Overall survival**



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1 **Figure 546: Grade 3/4 toxicities**



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