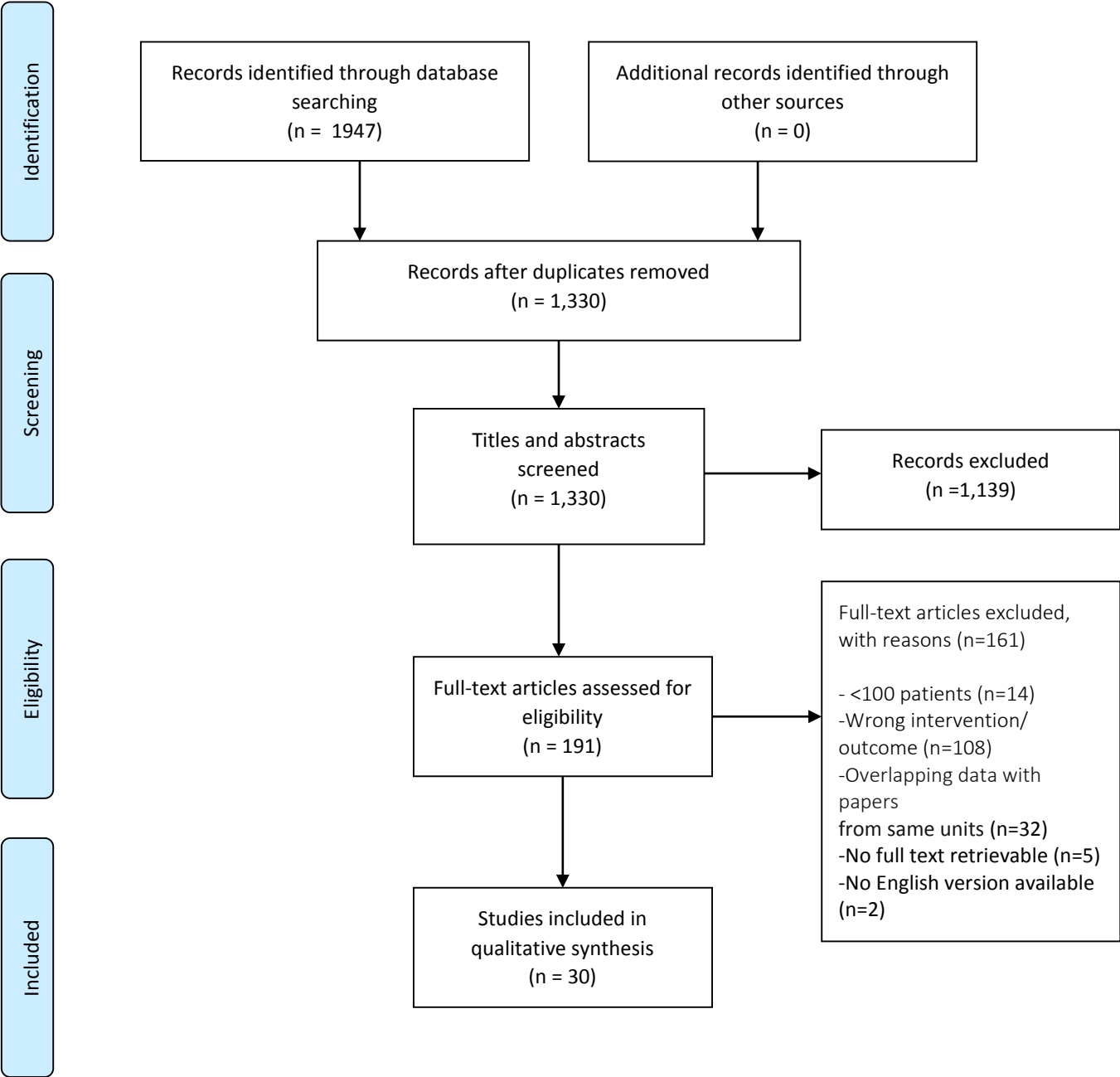
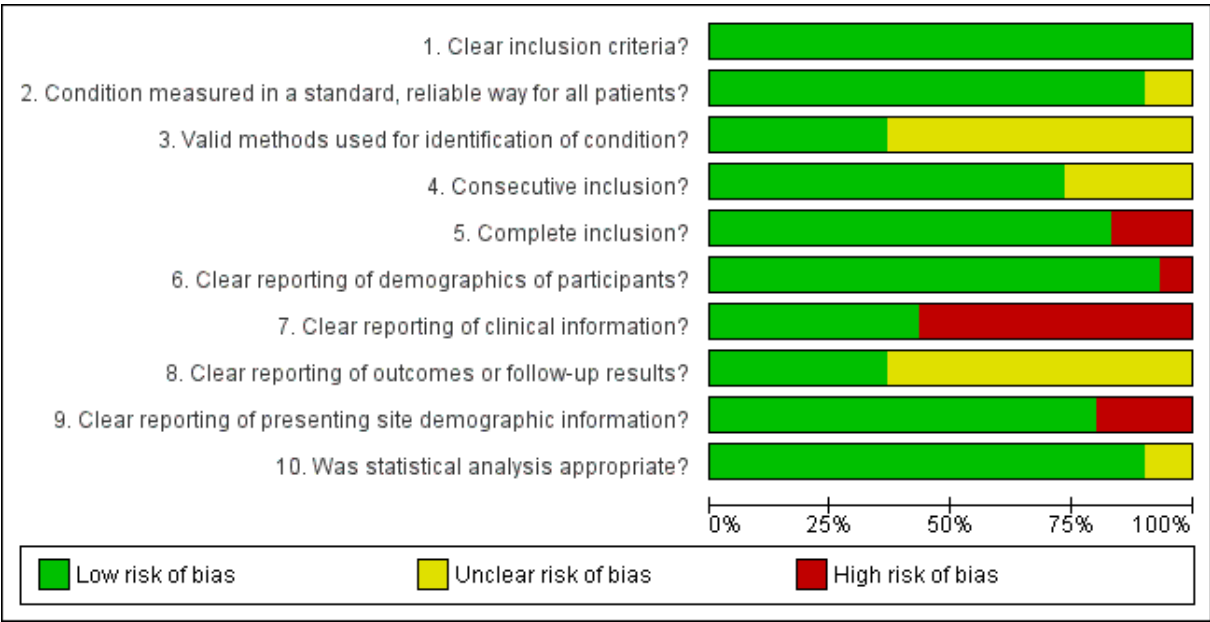


Supplementary figures



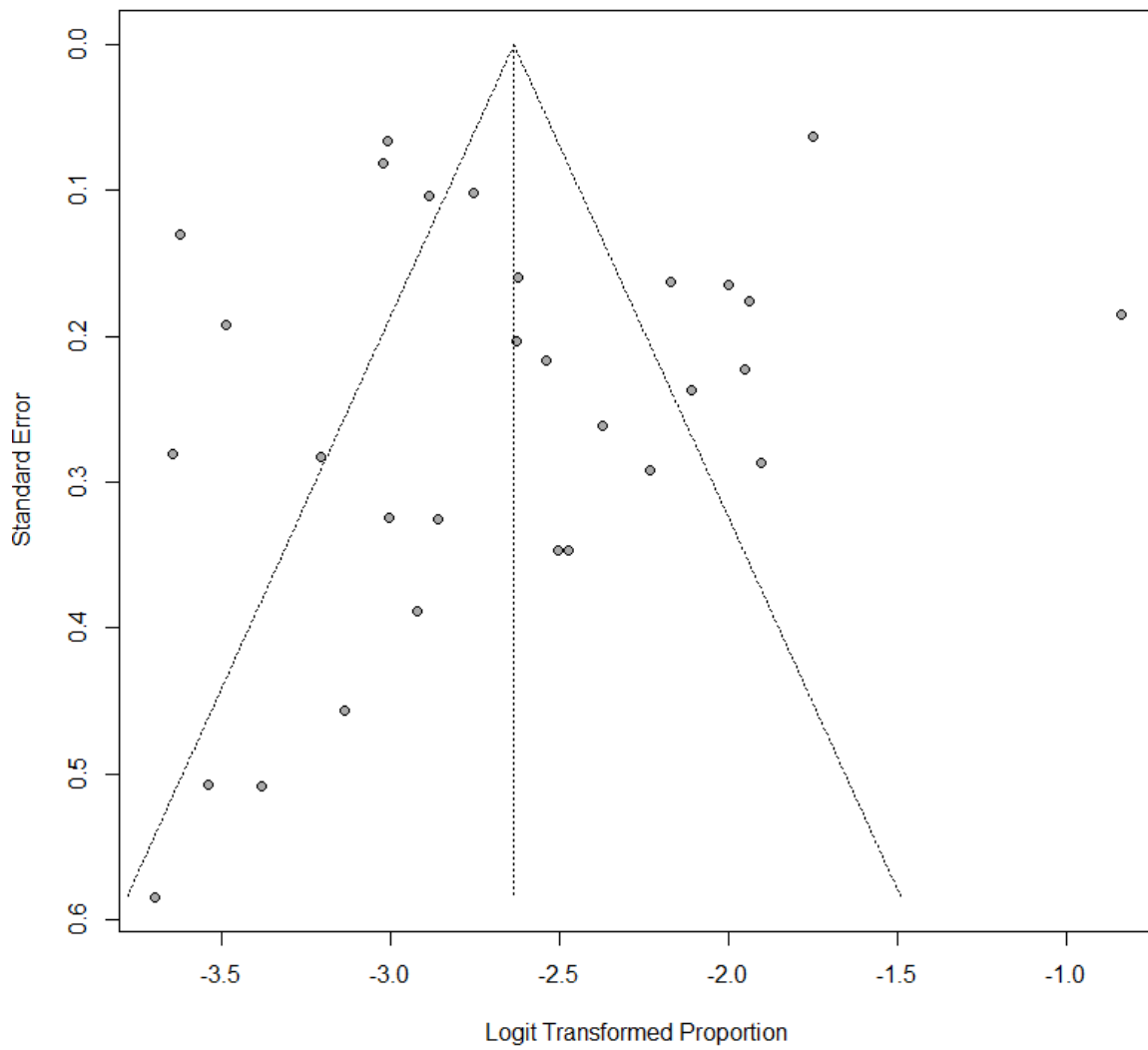
Supplementary Figure 1. PRISMA flowchart of study selection



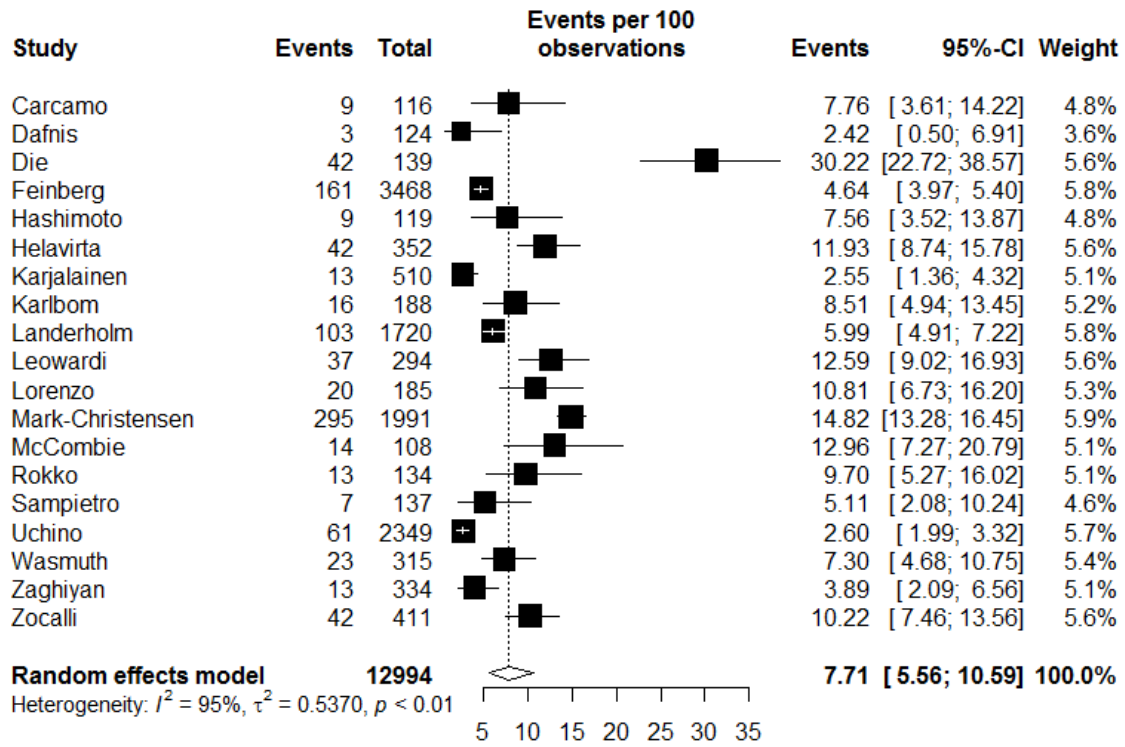
Supplementary Figure 2. Risk of Bias graph demonstrating the overall risk of bias for each item of the JBI checklist across all included studies.

	1. Clear inclusion criteria?	2. Condition measured in a standard, reliable way for all patients?	3. Valid methods used for identification of condition?	4. Consecutive inclusion?	5. Complete inclusion?	6. Clear reporting of demographics of participants?	7. Clear reporting of clinical information?	8. Clear reporting of outcomes or follow-up results?	9. Clear reporting of presenting site demographic information?	10. Was statistical analysis appropriate?
Carcamo 2020	+	+	?	+	+	+	-	?	+	+
Cataneo 2019	+	+	?	+	-	-	-	?	+	+
Dafnis 2016	+	+	?	+	+	+	+	?	+	+
Die 2020	+	+	?	?	+	+	-	?	+	+
Feinberg 2020	+	+	+	+	+	+	-	+	+	+
Hashimoto 2013	+	+	+	+	+	+	-	+	+	+
Helavirta 2016	+	+	?	+	+	+	-	?	+	+
Ikeuchi 2010	+	+	?	+	+	-	-	?	+	+
Karjalainen 2019	+	+	+	+	+	+	+	?	+	+
Karlbom 2011	+	+	+	+	+	+	-	+	+	+
Kayal 2019	+	+	+	+	-	+	+	+	+	+
Landerholm 2017	+	+	+	+	+	+	-	+	-	+
Lee 2019	+	+	?	?	+	+	+	?	+	+
Leowardi 2010	+	+	?	+	+	+	+	+	+	+
Lightner 2017	+	?	?	?	+	+	-	?	+	+
Lorenzo 2016	+	+	+	?	+	+	-	+	+	+
Mark-Christensen 2017	+	+	+	?	+	+	-	+	-	+
McCombie 2016	+	?	?	+	+	+	-	?	-	+
Mege 2016	+	+	?	+	+	+	+	?	+	+
Mennigen 2011	+	+	?	+	+	+	+	?	+	+
Rokke 2011	+	+	?	+	+	+	-	?	+	+
Sahami 2016	+	+	?	+	+	+	+	+	-	+
Sampietro 2018	+	+	?	+	-	+	+	?	+	?
Tan 2015	+	+	?	+	+	+	-	+	+	?
Uchino 2017	+	+	+	?	-	+	+	+	-	+
Wasmuth 2010	+	+	?	+	+	+	-	?	+	+
Wibmer 2010	+	+	?	+	+	+	+	?	+	+
Worley 2017	+	+	?	?	-	+	-	?	-	?
Zaghiyan 2016	+	?	+	?	+	+	+	?	+	+
Zocalli 2019	+	+	+	+	+	+	+	?	+	+

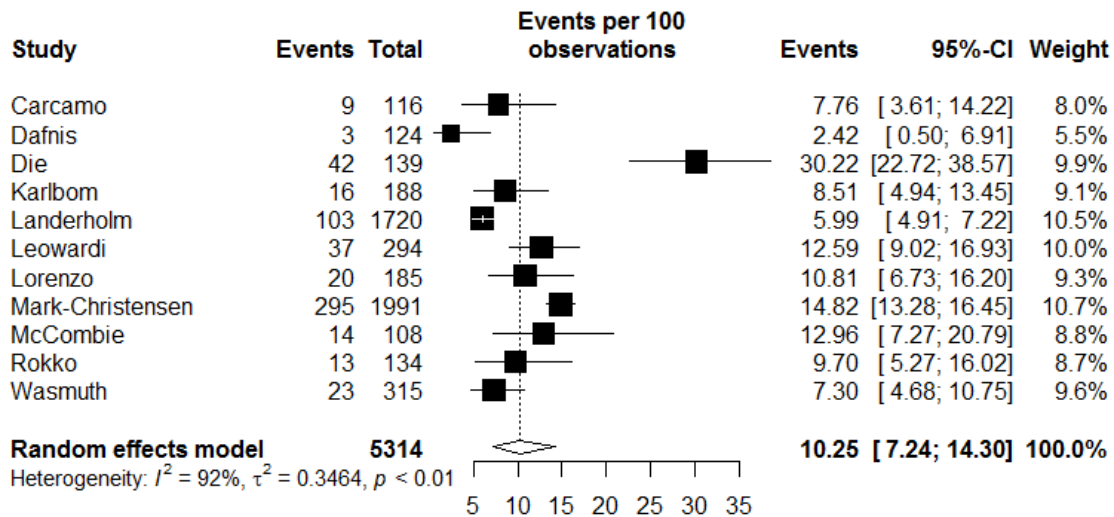
Supplementary Figure 3. Risk of bias graph demonstrating the risk of bias for each item of the JBI checklist per individual study.



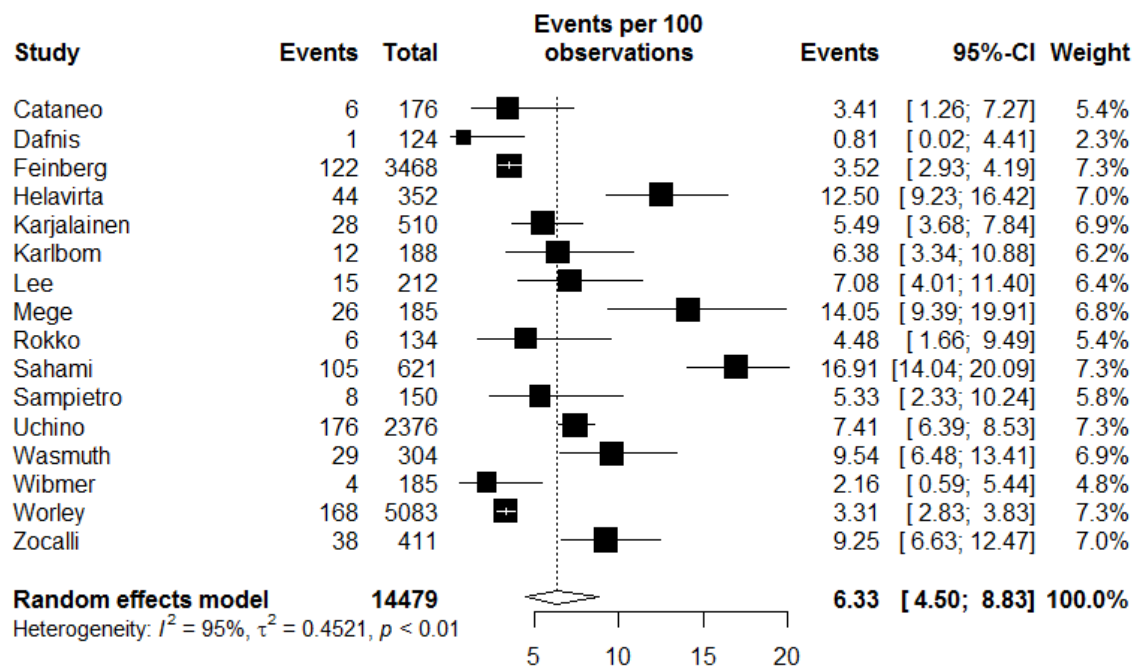
Supplementary figure 4. Funnel plot of standard error by logit transformed proportion for pouch failure.



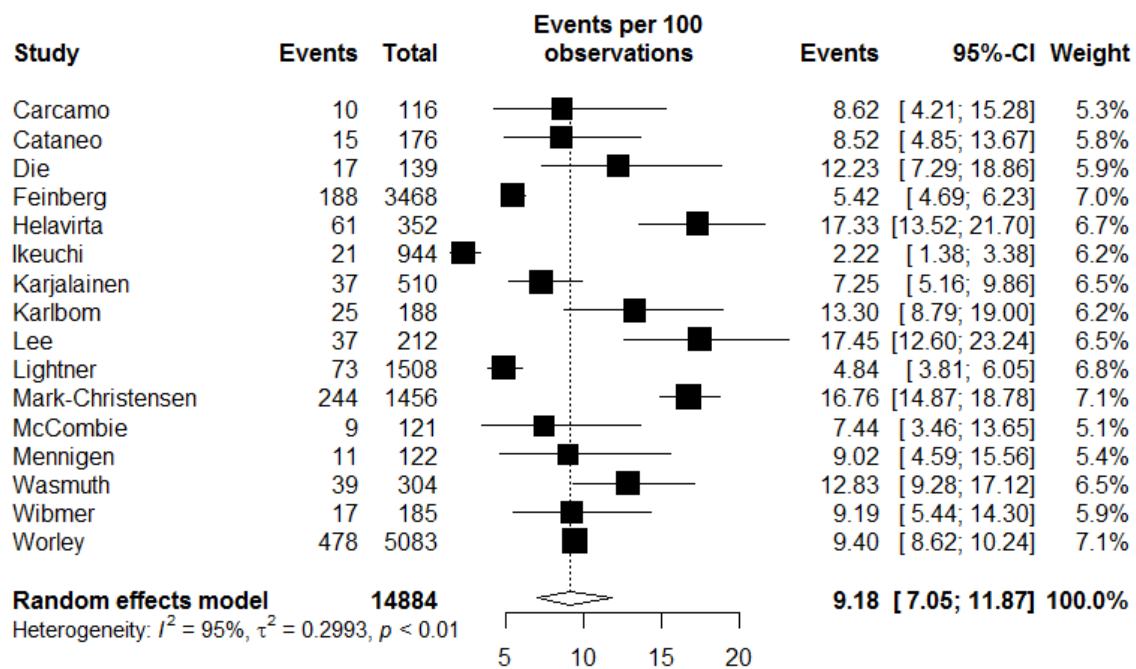
Supplementary figure 5: Plot of the individual studies with a median follow-up of ≥ 5 years presenting pouch failure rates with 95% confidence intervals (CI) and the overall incidence of pouch failure with 95% CI.



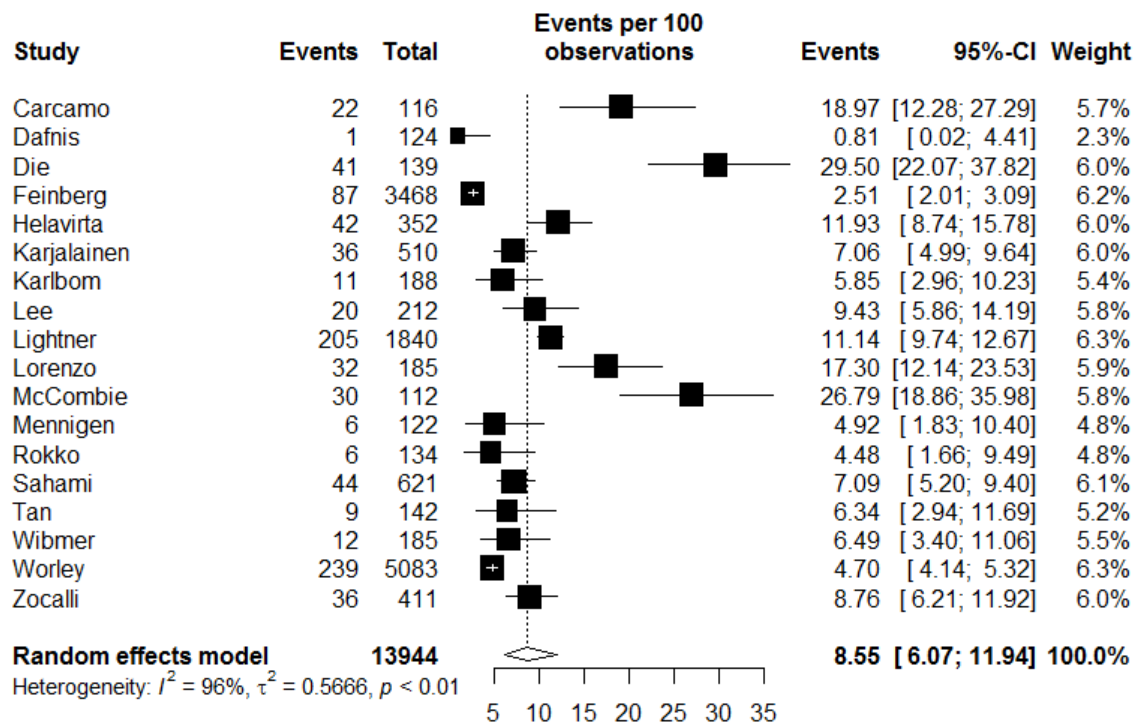
Supplementary figure 6: Plot of the individual studies with a median follow-up of ≥ 10 years presenting pouch failure rates with 95% confidence intervals (CI) and the overall incidence of pouch failure with 95% CI.



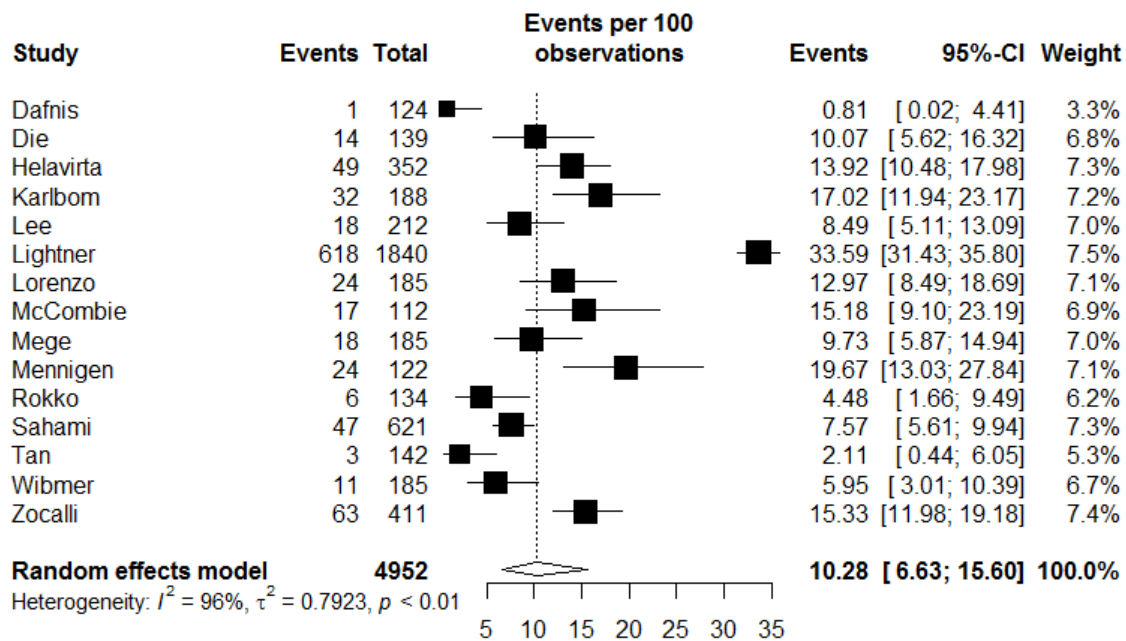
Supplementary figure 7: Plot of the individual studies presenting anastomotic leak rates with 95% confidence intervals (CI) and the overall incidence of anastomotic leakage with 95% CI.



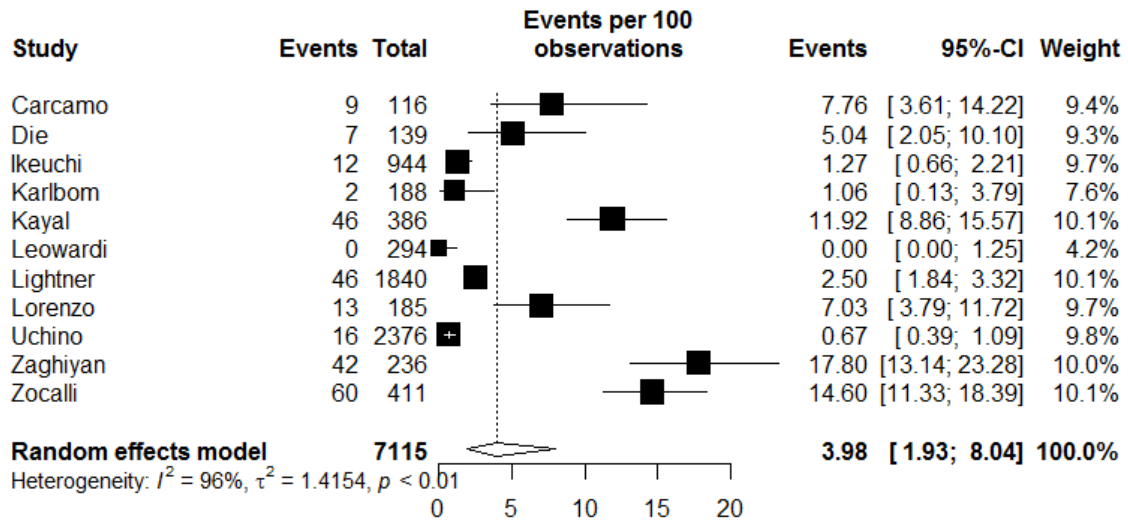
Supplementary figure 8: Plot of the individual studies presenting pelvic sepsis with 95% confidence intervals (CI) and the overall incidence of pelvic sepsis with 95% CI.



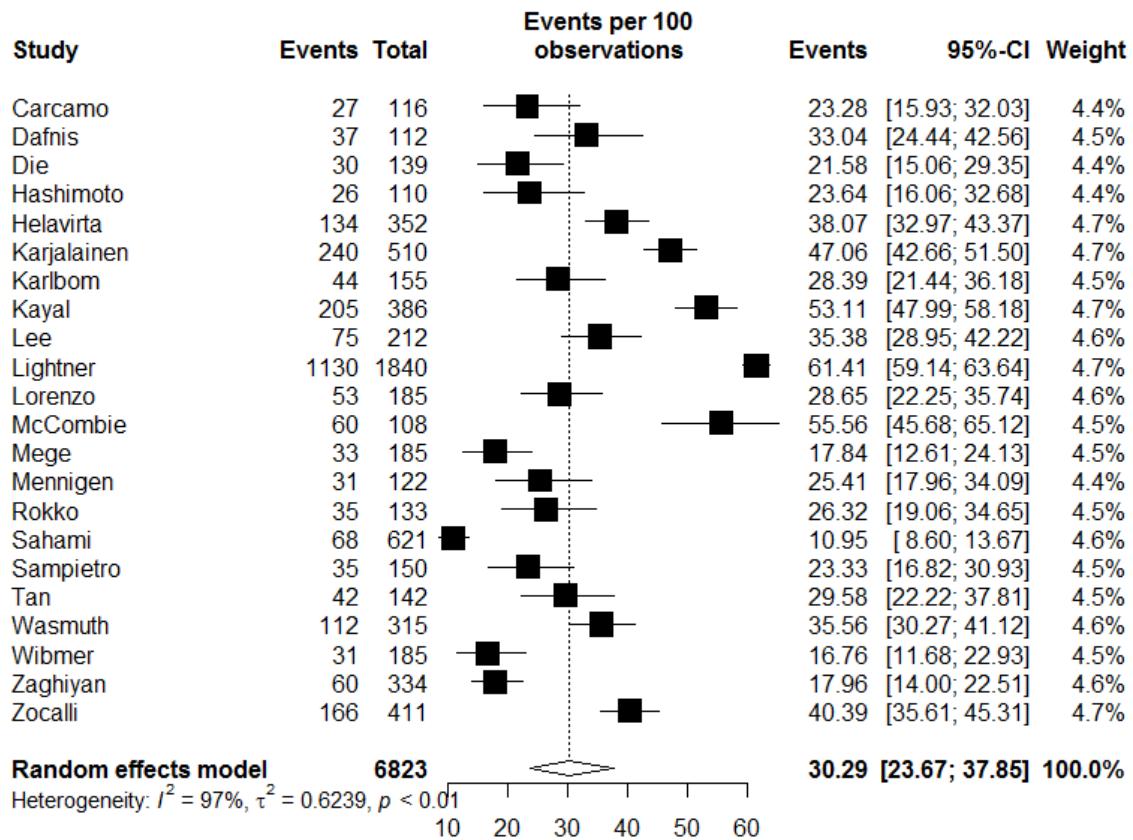
Supplementary figure 9: Plot of the individual studies presenting fistula with 95% confidence intervals (CI) and the overall incidence of fistula with 95% CI.



Supplementary figure 10: Plot of the individual studies presenting stricture with 95% confidence intervals (CI) and the overall incidence of stricture with 95% CI.



Supplementary figure 11: Plot of the individual studies presenting CD of the pouch with 95% confidence intervals (CI) and the overall incidence of CD of the pouch with 95% CI.



Supplementary figure 12: Plot of the individual studies presenting pouchitis with 95% confidence intervals (CI) and the overall incidence of pouchitis with 95% CI.

