

### Online Supplementary Content

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## **Document S1**

### **Search Strategy PCC in liver transplantation**

#### **1. Cochrane CENTRAL search strategy CENTRAL (via onlinelibrary.wiley.com)**

#1 ("prothrombin complex concentrate"):ti,ab,kw  
#2 (pcc\*):ti,ab,kw  
#3 #1 OR #2  
#4 liver OR hepatic OR hepato  
#5 MeSH descriptor: [Liver] explode all trees  
#6 #4 OR #5  
#7 resection OR segmentectomy OR graft\* OR transplant\*  
#8 #6 AND #7  
#9 hepatectomy  
#10 MeSH descriptor: [Hepatectomy] explode all trees  
#11 MeSH descriptor: [Liver Transplantation] explode all trees  
#12 #8 OR #9 OR #10 OR #11  
#13 #3 AND #12

#### **2. Pubmed/MEDLINE search strategy MEDLINE 1946 to 5<sup>th</sup> August 2022.**

(prothrombin complex concentrate) AND (((liver OR hepatic OR hepato OR "liver"[MeSH]) AND (resection OR segmentectomy OR graft\* OR transplant\*)) OR hepatectomy OR "hepatectomy"[MeSH] OR "Liver Transplantation"[MeSH])

#### **3. EMBASE search strategy EMBASE (OvidSP) Database: Embase Classic + Embase, 1947 to 5<sup>th</sup> August 2022.**

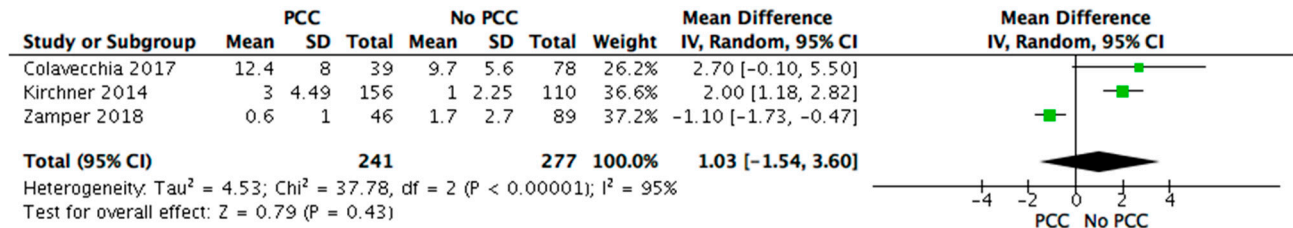
#1 prothrombin complex concentrate.tw.  
#2 pcc\*.tw.  
#3 #1 or #2  
#4 (liver or hepatic or hepato).af.  
#5 (segmentectomy or resection or graft\* or transplant\*).af.  
#6 #4 and #5  
#7 hepatectomy.af.  
#8 exp liver resection/ or exp liver transplantation/  
#9 #6 or #7 or #8  
#10 #3 AND #9

#### **4. Scopus Database, search strategy, up to 5<sup>th</sup> August 2022**

"prothrombin complex concentrate" AND "Liver Transplant"

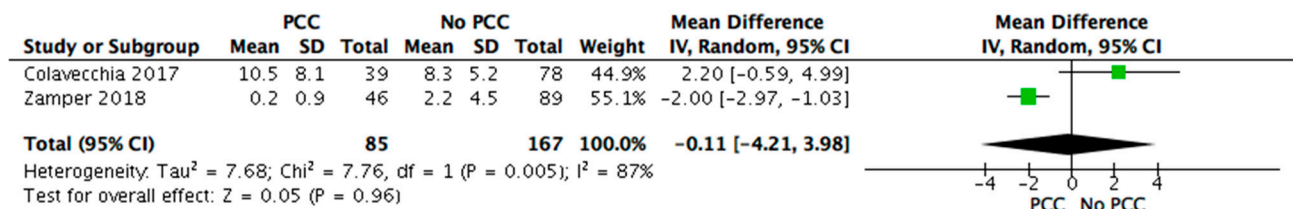
**Figure S1. Forest plot of RBC units excluding study with living donor**

The results show a non-significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).



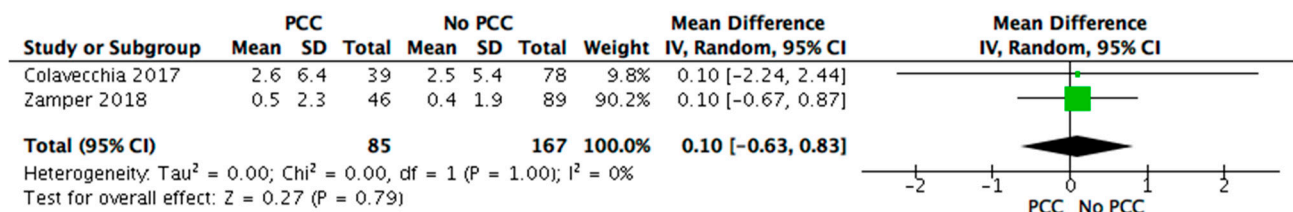
**Figure S2. Forest plot of FFP units excluding study with living donor**

The results show a non-significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).



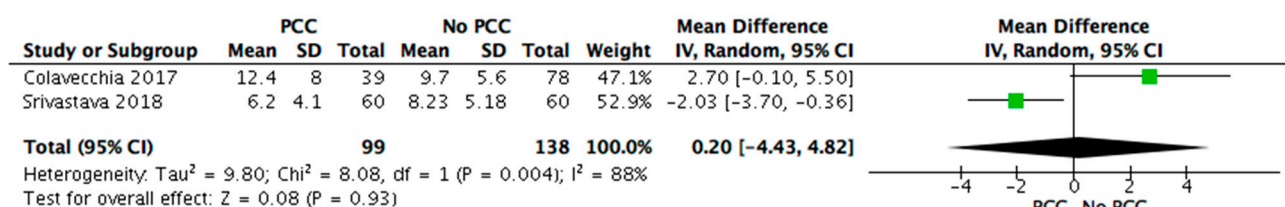
**Figure S3. Forest plot of cryoprecipitate units excluding study with living donor**

The results show a non-significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).



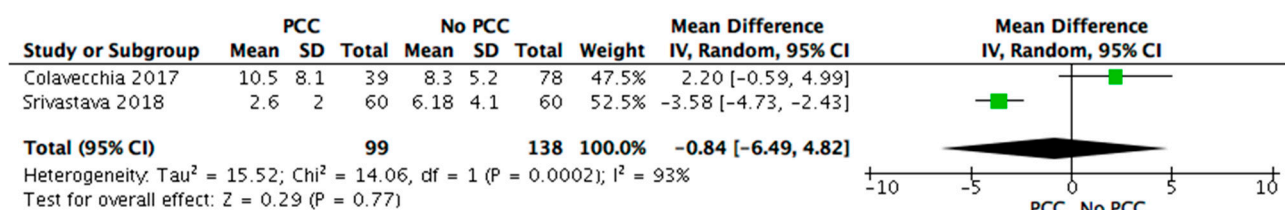
**Figure S4. Forest plot of RBC units including studies with MELD score > 25**

The results show a non-significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).



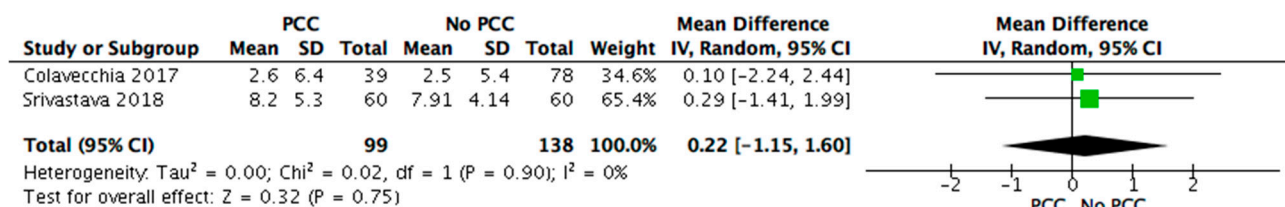
**Figure S5. Forest plot of FFP units including studies with MELD score > 25**

The results show a non-significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).



**Figure S6. Forest plot of cryoprecipitate units including studies with MELD score > 25**

The results show a non-significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).



**Figure S7. Forest plot of RBC units including studies reporting type of PCC product administered**

The results show a significant effect size favoring the use of PCC. The effect size is reported as mean difference with the corresponding 95% confidence interval (95% CI).

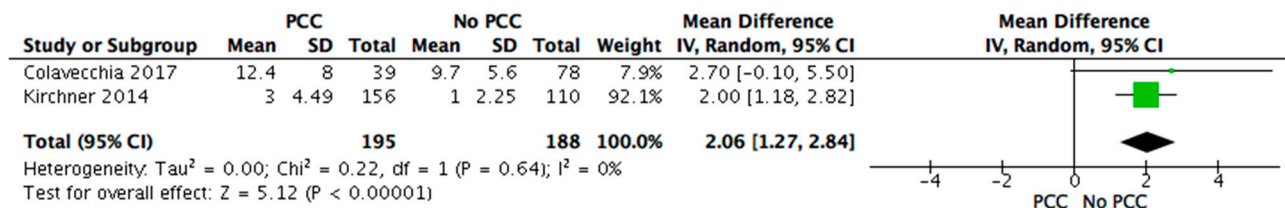


Table S1. Risk of bias table for assessing the quality of cohort studies by using the Newcastle-Ottawa Scale

	Representative nes of the exposed cohort	Selection of the non exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the gender	Comparability of cohorts on the basis of the age	Comparabilit y of cohorts on the basis of the MELD score	Assessment of outcome	Was follow-up long enough for outcomes to occur	Adequacy of follow up of cohorts
Colavecchia, 2017	*	*	*	*	*	*	*	*		*
Kirchner, 2014			*	*	*	*		*		*
Martinez, 2021			*	*	*	*	*	*	*	*
Srivastava, 2018	*	*	*	*	*	*	*	*	*	*
Zamper, 2018	*	*	*	*	*	*	*	*		*