

Online supplementary file S4

Subgroup analyses

Adjusted model 2*	Events/ subjects	Cut off	# Subjects		Hazard ratio	95% CI	
			UC	IC		Lower	Upper
Hysterectomy_all (TAH, VH, LH)	283/308	T ≤ 94 days	128	128	3.31	2.03	5.40
		T > 94 days	27	25	0.28	0.15	0.52
Hysterectomy_MIS (VH, LH)	190/204	-	103	101	1.37 §	0.76	2.47
Abdominal hysterectomy only	93/104	T ≤ 70 days	24	34	8.69	3.24	23.3
		T > 70 days	28	18	0.36	0.15	0.90
Adnexal surgery only	118/125	-	51	74	1.24 §	0.65	2.37
Complete cases	282/282	T ≤ 93 days	113	122	2.32	1.79	4.53
		T > 93 days	29	18	0.21	0.10	0.42

Due to violation of the proportional hazard assumption, a time dependent covariate was introduced, and therefore two hazard ratios are presented. The cut off was calculated by determining at what time the hazard ratio equalled value 1.

* Adjusted for hospital (random effect), type of surgery performed (fixed effect), time since start of trial (fixed effect), time since implementation (fixed effect) and RTW intention (fixed effect).

§ An overall hazard ratio is presented as the proportional hazard assumption was not violated.

UC, usual care; IC, intervention care; 95% CI, 95% confidence interval; TAH, total abdominal hysterectomy; VH, vaginal hysterectomy; LH, laparoscopic hysterectomy; MIS, minimal invasive surgery.