

## Table Supplementary

**Table S1.** Search result from difference database

Search term	Search Result								
	Pubmed	Embase	Cochrane	OpenGrey	SCOPUS	Clinical trial.gov	Web of Sciences	CINAHL	medRxiv
Kidney transplantation	99,091	167513	3620	165	174,356	2,687	97,247	15,040	893
Tacrolimus	26,010	85618	2048	78	72,153	1,522	23,090	2,257	104
Patient compliance	81,642		12325	150	237,474	9,162	53,579	66,546	2,887
Compliance	4,021		220	1,218	437,500	9,162	140,612	96,972	2,887
Medication Adherence	22,937		2534	61	46,402	3,119	37,016	21,742	2,902
Patient compliance OR Compliance OR Medication Adherence	85,662		12544	1,271	73,522	11,564	173,034	101,990	23,438
Kidney transplantation OR Tacrolimus	111,737		5049	235	177,695	3,584	113,948	16,691	4,574
Kidney transplantation AND Tacrolimus	3,951	24341	619	8	22,775	625	6,389	606	
Kidney transplantation OR (Patient compliance OR Compliance OR Medication Adherence)	184,117		16106	1,435	177,077	14,034	269,246	116,665	
Kidney transplantation AND (Patient compliance OR Compliance OR Medication Adherence)	636		58	1	792	116	1,035	365	
Tacrolimus OR (Patient compliance OR Compliance OR Medication Adherence)	102,133		14568	1,349	145,168	12,920	195,758	104,194	
Tacrolimus AND Patient compliance OR Compliance OR Medication Adherence	22,986		24	1,271	507	11,463	173,034	101,990	

Kidney transplantation OR Tacrolimus OR (Patient compliance OR Compliance OR Medication Adherence)	196,705		3627	1,505	180,388	14,908	285,759	118,286	
(Kidney transplantation OR Tacrolimus) AND (Patient compliance OR Compliance OR Medication Adherence)	1,585	3960	65	61	7732	49	1,223	395	252
(Kidney transplantation AND Tacrolimus) OR (Patient compliance OR Compliance OR Medication Adherence)	89,545		13146	1279	96,044	12,046	179,245	102,573	
Kidney transplantation AND Tacrolimus AND (Patient compliance OR Compliance OR Medication Adherence)	179		17	0	253	12,147	178	23	
kidney transplant* or renal transplant* or kidney graft* or renal graft*				30	100,905	912	190,288	20,634	
tacrolimus or prograf* or FR900506 or FK506				0	73,539	815	27,036	2,348	
adheren* or compliance				36	648,172	-	320,249	139,367	
(kidney transplant* or renal transplant* or kidney graft* or renal graft*) OR (tacrolimus or prograf* or FR900506 or FK506)				30	154,555	1,535	206,925	22,245	
(kidney transplant* or renal transplant* or kidney graft* or renal graft*) AND (tacrolimus or prograf* or FR900506 or FK506)				0	19,889	192	10,402	738	
( kidney transplant* or renal transplant* or kidney graft* or renal graft*) OR (adheren* or compliance)				66	746,945	912	507,770	159,451	

( kidney transplant* or renal transplant* or kidney graft* or renal graft*) AND (adheren* or compliance)	0	2,132	-	2,767	551
(tacrolimus or prograf or prograf or FR900506 or FK506) OR (adheren* or compliance)	36	719,863	728	346,679	141,647
(tacrolimus or prograf or prograf or FR900506 or FK506) AND (adheren* or compliance)	0	1,846	-	606	68
(kidney transplant* or renal transplant* or kidney graft* or renal graft*) OR (tacrolimus or prograf* or FR900506 or FK506) OR (adheren* or compliance)	66	799,447	1,535	524,176	161,029
( (kidney transplant* or renal transplant* or kidney graft* or renal graft*) OR (tacrolimus or prograf* or FR900506 or FK506) )AND (adheren* or compliance)	0	3,280	-	2,998	583
( (kidney transplant* or renal transplant* or kidney graft* or renal graft*) AND (tacrolimus or prograf* or FR900506 or FK506) )OR (adheren* or compliance)	36	667,363	192	330,276	140,069
(kidney transplant* or renal transplant* or kidney graft* or renal graft*) AND (tacrolimus or prograf* or FR900506 or FK506) AND (adheren* or compliance)	0	698	-	375	36