SDC 1. Search strategies of the electronic databases

1 exp Tacrolimus/ (50642)
2 tacrolimus.mp. (56439)
3 FK506.mp. (9835)
4 tac$.mp. (332888)
5 once daily.mp. (61934)
6 extended.mp. (294937)
7 exp Kidney Transplantation/ (161615)
8 kidney transplantation.mp. (156075)
9 renal transplantation.mp. (42234)
10 kidney transplant recipient.mp. (891)
11 kidney transplant$.mp. (160370)
12 renal transplant$.mp. (74304)
13 1 or 2 or 3 or 4 (334890)
14 5 or 6 (354086)
15 13 and 14 (4377)
16 7 or 8 or 9 or 10 or 11 or 12 (175297)
17 15 and 16 (260)
18 remove duplicates from 17 (179)

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Ovid MEDLINE(R) <1948 to July Week 4 2011> = 70
Embase <1980 to 2011 Week 31> = 177
Cochrane Central Register of Controlled Trials <3rd Quarter 2011> = 13
Total = 260
Removed duplicates = 179
Hand search = 1

180 records screened for title and abstract
SDC 2a. Risk of bias for included trials

![Risk of bias chart]

- **Reporting bias**: Low risk 40%, High risk 20%, Unknown 40%
- **Atrititon bias**: Low risk 10%, High risk 70%, Unknown 20%
- **Detection bias**: Low risk 10%, High risk 90%, Unknown 0%
- **Performance bias**: Low risk 10%, High risk 90%, Unknown 0%
- **Selection bias**: Low risk 40%, High risk 40%, Unknown 20%
SDC 2b. Risk of bias for included observational studies

- Conflict of interest: Low risk, High risk, Unknown
- Statistical methods: Low risk, High risk, Unknown
- Controlling confounding: Low risk, High risk, Unknown
- Addressing potential bias: Low risk, High risk, Unknown
- Measuring variables: Low risk, High risk, Unknown
- Selecting study participant: Low risk, High risk, Unknown
SDC 3. Incidence of acute rejection after conversion from twice daily to single dosing extended release tacrolimus formulation.

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<tr>
<th>Study</th>
<th>Mean follow-up period (months)</th>
<th>Daily dosing</th>
<th>Twice daily dosing</th>
<th>p-values for differences</th>
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