Supplementary material 1 – Search strategy
1. exp Renal Insufficiency, Acute/ or exp Kidney Failure, Acute/
2. acute kidney injur$.mp. [mp=title, original title, abstract, name of substance word, subject heading word, unique identifier]
3. acute kidney failure.mp.
4. acute renal failure.mp
5. (acute adj3 dialys$).mp.
6. (acute adj3 renal replac$).mp.
7. (acute adj3 renal insufficenc$).mp.
8. exp Prognosis/
9. exp regression analysis/ or exp survival analysis/
10. exp Survival/
11. exp Mortality/
12. prognos$.mp.
13. surviv$.mp.
14. mortalit$.mp.
15. follow*up.mp.
16. recover$.mp.
17. outcome$.mp.
18. course$.mp.
19. predict$.mp.
20. (chronic adj3 dialys$).mp.
22. (chronic adj3 renal insufficenc$).mp.
23. chronic kidney disease.mp.
24. chronic renal failure.mp.
25. chronic renal disease.mp.
26. exp kidney failure, chronic/ or exp renal insufficiency, chronic/
27. exp Renal Replacement Therapy/
28. end*stage kidney.mp.
29. end*stage renal.mp.
30. end stage kidney.mp.
31. end stage renal.mp.
32. follow up.mp.
33. 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32
34. 1 or 2 or 3 or 4 or 5 or 6 or 7
35. 33 and 34
36. exp adolescent/ or exp child/ or exp infant/
37. child$.mp.
38. infant.mp.
39. paediatric.mp
40. pediatric.mp.
41. case report.mp.
42. exp case reports/
43. 36 or 37 or 38 or 39 or 40 or 41 or 42
44. 35 not 43
45. limit 44 to (humans and yr="1990-Current")
46. exp epidemiologic study characteristics as topic/
47. exp clinical conference/ or exp clinical trial/ or exp comparative study/ or exp evaluation studies/ or exp meta-analysis/ or exp multicenter study/ or exp validation studies/
48. 46 or 47
49. 45 and 48

Supplementary material 2 - Quality Assessment of Included Studies

<table>
<thead>
<tr>
<th>Study</th>
<th>ITU</th>
<th>Clinical Context</th>
<th>AKI</th>
<th>AKI Definition</th>
<th>Pre-AKI baseline available</th>
<th>Short and Long Term Outcomes Separated</th>
<th>Follow Up</th>
<th>Quality criteria 1-3 met (clear AKI definition with pre-AKI data or hospital coding, survivor definition)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akposso 2000 [1]</td>
<td>ITU</td>
<td>229</td>
<td>Cr rise</td>
<td>N</td>
<td>Y</td>
<td>Up to 142 months</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bagshaw 2006 [2]</td>
<td>ITU</td>
<td>97</td>
<td>RRT</td>
<td>N</td>
<td>Y</td>
<td>Up to 1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bell 2005 [3]</td>
<td>ITU</td>
<td>112</td>
<td>RRT</td>
<td>N</td>
<td>Y</td>
<td>Up to 5 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bell 2007 [4]</td>
<td>ITU</td>
<td>N/A</td>
<td>RRT</td>
<td>N</td>
<td>N</td>
<td>Up to 1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bell 2009 [5]</td>
<td>ITU</td>
<td>N/A</td>
<td>Cr rise</td>
<td>N</td>
<td>N</td>
<td>Up to 1000 days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carin-Ceja 2009 [7]</td>
<td>ITU</td>
<td>784</td>
<td>Cr rise</td>
<td>N</td>
<td>Y</td>
<td>Up to 6 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Goldberg 2009 [8]</td>
<td>ITU</td>
<td>294</td>
<td>Cr rise</td>
<td>N</td>
<td>Y</td>
<td>*36 months</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Hoste 2011 [9] | ITU | 82 | Cr rise | Y | Y | 1 year | Y
| Lins 2006 [10] | ITU | 145 | Cr rise | N | Y | Up 1 year | |
| Manns 2003 [12] | ITU | 66 | RRT | Y | Up to 1 year | Y
| Taveria 2000 [18] | ITU | 95 | RRT | Y | Y | Up to 3 years | Y

(ITU=intensive therapy unit; RRT=renal replacement therapy; N/A=Not Applicable; Cr=serum creatinine)


