**Table B3. Osteoporosis: Summary Table**

|  | **Outcomes** |  |  |  | |  |  | **Publication methods and results** |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study (name, year)** | **Total fractures** | **Hip Fractures** | **Vertebral fractures** | | **Non-vertebral** | **Wrist** | **Other** | **Change in primary and/or secondary outcome with respect to fracture between methods and results** | **Outcome in methods NR in results** | **Outcome in methods inadequately reported in results** | **Outcome in results NR in methods** | **Change in analyses between methods and results** | **Subgroups reported in results that were not described in the methods section** | **Is SOR/SAR present based on the publication** | **ORBIT based on publication** |
| Barrett-Connor, 2006 | Y | N | Y | | Y | N | Y | N | N | N | N | N | N | N | NA. no SOR/SAR |
| Black, 2007 | Y | Y | Y | | Y | N | N | N | N | N | N | N | N | N | NA. no SOR/SAR |
| Bonnick, 2006  Companion to Rosen 2005 | Y | N | N | | N | N | N | N | N | N | Y | N | N | Y | ORBIT NA |
| Grant, 2005 | Y | Y | Y | | Y | Y | Y | N | N | N | N | N | N | N | NA. no SOR/SAR |
| Greenspan, 2006 | Y | N | N | | N | N | N | N | N | N | Y | N | N | Y | ORBIT NA |
| Jackson, 2006 | Y | N | N | | N | N | N | N | N | N | N | N | N | N | NA. no SOR/SAR |
| McClung, 2006 | Y | N | Y | | Y | Y | Y | N | N | N | Y | N | N | Y | ORBIT NA |
| Porthouse, 2005 | Y | Y | N | | N | N | N | N | N | N | N | N | N | N | NA. no SOR/SAR |
| Prince, 2006 | Y | N | N | | N | N | Y | N | N | N | N | N | N | N | NA. no SOR/SAR |
| Reid, 2006 | Y | Y | Y | | Y | Y | Y | N | N | N | N | N | N | N | NA. no SOR/SAR |
| Rosen, 2005  Companion to Bonnick 2006 but has separate NCT number | Y | N | N | | N | N | N | N | N | N | Y | N | N | Y | ORBIT NA |
| Vogel, 2006 | N | Y | Y | | N | Y | N | N | N | N | N | N | N | N | NA. no SOR/SAR |

|  | **Registry without registry results** |  | | |  |  | |  | |  | |  | |  | **Results in registry** | |  | **Comments** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study (name, year)** | **Change in fracture outcome between original and current outcomes listed in registry** | **Change in primary outcome between the registry and the publication** | **Change in status of fractures with respect to primary and secondary outcome between the registry and the publication** | **Change in followup interval between registry and publication** | | | **Index outcome missing in the publication but in the registry** | | **Index outcome reported in the publication but NR in the registry** | | **Is SOR and/or SAR present based on both publication and registry? (Not including registry results)** | | **ORBIT based on registry, not including registry results** | | **Differences between registry results and publication results** | **ORBIT based on publication and registry, including registry results** | |  |
| Barrett-Connor, 2006 | N | N | N | N | | | N | | N | | N | | NA, no SOR/SAR | | NA, no results | NA | |  |
| Black, 2007 | N | N | N | Y | | | N | | N | | N | | NA, no SOR/SAR | | NA, no results | NA | | 2. Followup interval not prespecified in the registry |
| Bonnick, 2006  Companion to Rosen 2005 | N | N | N | N | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | NA, no results | NA | | 1. Fractures were reported in the safety outcomes in the results, but no mention in the methods section (either efficacy or safety)  2. Fractures were presented as an adverse event in the publication results, but not mentioned in the registry |
| Grant, 2005 | N | N | N | Y | | | N | | N | | N | | NA, no SOR/SAR | | NA, no results | NA | | 2. Followup interval not prespecified in the registry |
| Greenspan, 2006 | N | N | N | N | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | NA, no results | NA | | 1. Fractures not mentioned in the publication methods but reported as a safety outcome 2. Fractures not mentioned in the registry methods but reported as a safety outcome in the publication |
| Jackson, 2006 | N | N | N | N | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | NA, no results | NA | | 2. Registry does not specify any outcomes |
| McClung, 2006 | N | N | N | N | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | Y | ORBIT NA | | 1. Fractures not mentioned in the publication methods but reported as a safety outcome 2. Fractures not mentioned in the registry methods but reported as a safety outcome in the publication 3. Fractures not reported in the registry results but reported as a safety outcome in the publication |
| Porthouse, 2005 | N | N | N | Y | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | NA, no results | NA | | 2. Secondary outcomes of hip fractures and hip-wrist fractures were added to the publication but not mentioned in the registry methods; followup not mentioned in the registry |
| Prince, 2006 | N | N | N | N | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | NA, no results | NA | | 2. Fractures not mentioned in the registry methods but reported in the publication results |
| Reid, 2006 | N | N | N | N | | | N | | N | | N | | NA, no SOR/SAR | | NA, no results | NA | |  |
| Rosen, 2005  Companion to Bonnick 2006 but has separate NCT number | N | N | N | N | | | N | | Y | | Y | | NA, ORBIT classes don't apply | | NA, no results | NA | | 1. Fractures were reported in the safety outcomes in the results, but no mention in the methods section (either efficacy or safety)  2. Fractures were presented as an adverse event in the publication results, but not mentioned in the registry |
| Vogel, 2006 | N | N | N | N | | | N | | N | | N | | NA, no SOR/SAR | | NA, no results | NA | |  |

Abbreviations: Y, Yes; N, No; U, Unsure; CI, confidence interval; OR, odds ratio.