Reviewer's report

Title: Comparison of hip fracture incidence and trends between Germany and Austria 1995-2004: An epidemiological study

Version: 1 Date: 5 October 2009

Reviewer: Jaroslava Wendlova

Reviewer's report:

1. Describe correctly the Poisson regression model:
   • Which is the dependent variable (kategorial)?
   • Which are the independent variables?
   • Age and sex are not confounders as you claim, but independent variables (page 5, row 4 bottom up)

2. The level of significance was # = 0,5 % (page 6, row 3 from the top)

3. Use in the whole article the same expressions: male and female, because for age 9 - 10 years you can not use denomination men or women (page 7, row 5 – 6 from the top)

4. Drugs affecting bone health divide in two groups: (page 8, row 13 from the top)
   4.1. Drugs associated with an increased risk of osteoporosis (for example glucocorticosteroids)
   4.2. Drugs used in the treatment of osteoporosis
      - biphosphonates (Not only biphosphonates, as you declare in your article!)
      -- SERM (selective modulators of estrogenic receptors)
      - strontium ranelat
      - HRT (hormone replacement therapy)

Have you evaluated the prescription of these all antiosteoporotic drugs or only the prescription of biphosphonates? HRT was and is very often prescribed drug.