



Bari,
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I BISFOSFONATI nella terapia delle OSTEOPOROSI

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Wilson & Foster

WILLIAMS
TEXTBOOK
OF
ENDOCRINOLOGY



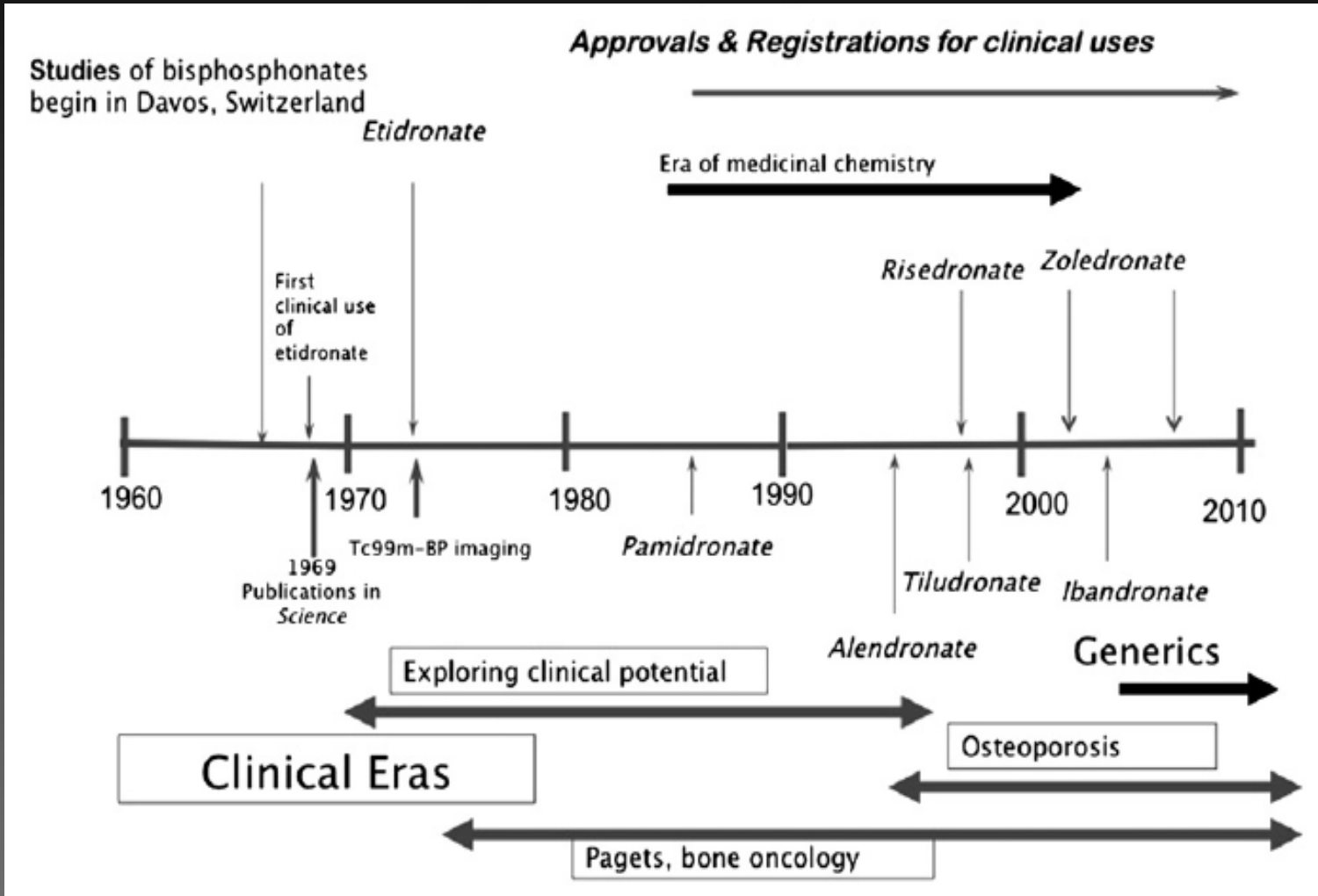
8th Edition

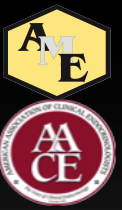
1992

Terapia della osteoporosi:

- estrogeni
- fluoruri
- calcitonina
- calcio
- vitamina D
- etidronato
- tiazidici
- PTH 1-34

History of the Bisphosphonates





La GERARCHIA delle EVIDENZE



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Small RCTs



Meta-analyses of small RCTs



Large RCTs



Meta-analyses of large RCTs

Study mechanism

Generate hypotheses
for more reliable RCTs

Obtain reliable overall
answers

Obtain a typical and unbiased
estimate of treatment effect
and to explore interactions
among subgroups



La GERARCHIA delle EVIDENZE - alendronato -



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Small RCTs

1991-1995



Meta-analyses of small RCTs

**Karpf DB et al.
JAMA, 1997**



Large RCTs

FIT 1996-1998



Meta-analyses of large RCTs

ORAG 2002

Relative Risk with 95% CI for Vertebral Fractures for Doses of 5mg or Greater of Alendronate

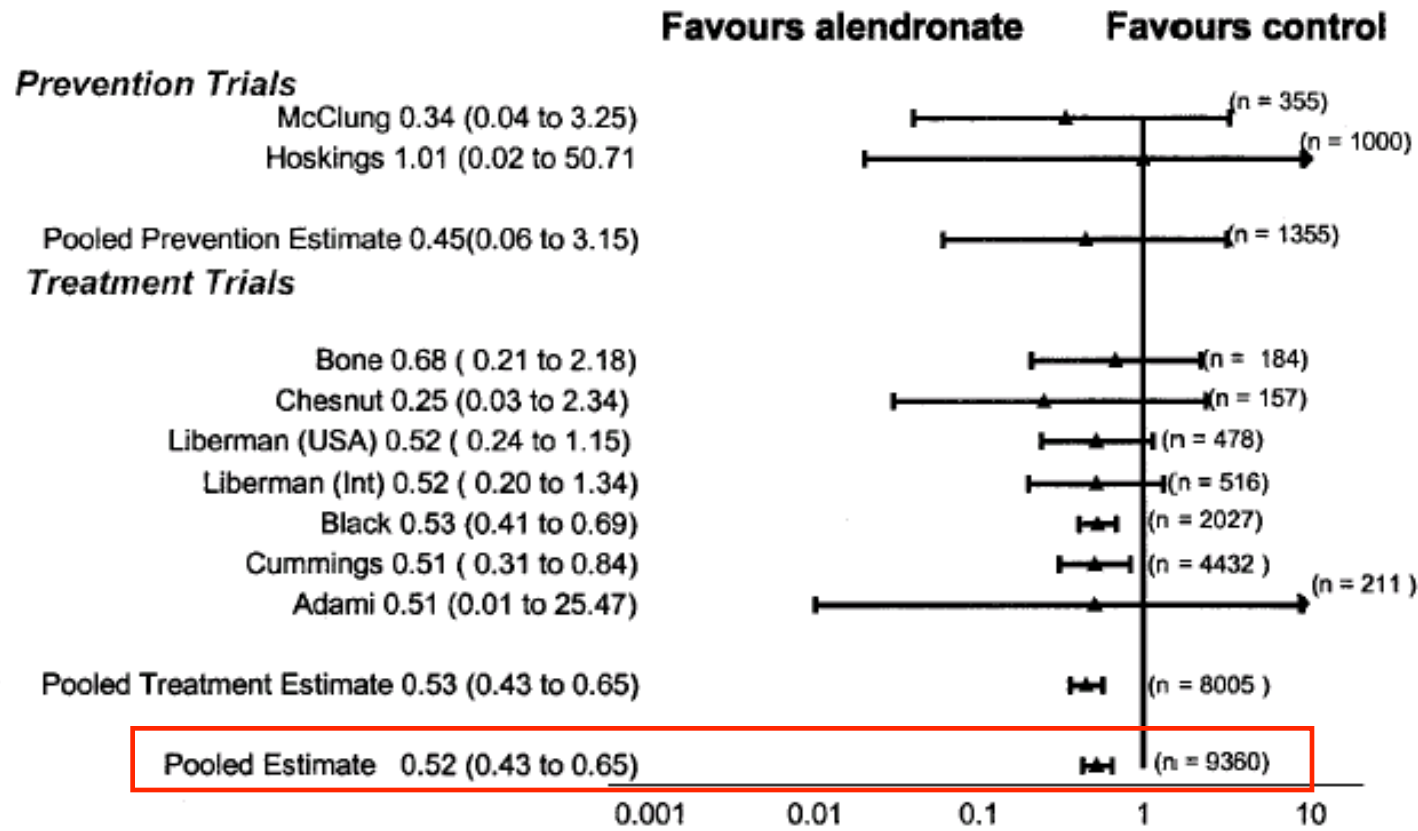
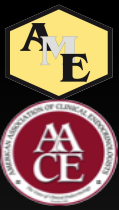


FIG. 2. RR for vertebral fractures with alendronate (5 mg and greater).



I BISFOSFONATI oggi



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- efficacia documentata molto solidamente
- tossicità ridotta – buona tollerabilità
- farmaci ad “ampio spettro”
- costo contenuto
- di prima scelta della maggior parte delle situazioni cliniche