

## **Supplementary material**

### **Search strategy**

The following search strategy was employed for MEDLINE:

- (1) zinc.af
- (2) (Liver OR Hepati\* OR cirrho\*) all fields
- (3) (random\* OR blind\* OR placebo\* OR trial\* OR meta-analysis).mp
- (4) animals [MeSH] NOT humans [MeSH]
- (5) (1) AND (2) AND (3)
- (6) (5) NOT (4)

**Supplementary table 1 Risk of bias assessment performed according to the NIH risk of bias assessment tool for controlled trials.**

Study	Allocation method	Blinding	Similarity of baseline characteristics	Drop-out rate	Protocol adherence	Outcome measurement	Method of analysis	Risk of bias assessment (High/Uncertain/Low)
Bresci, 1993	Green	Red	Red	Green	Green	Green	Green	Uncertain
Gomez, 2011	Green	Green	Green	Green	Green	Green	Green	Low
Hayashi, 2007	Green	Green	Green	Green	Green	Green	Green	Low
Takuma, 2010	Green	Red	Green	Green	Green	Green	Green	Uncertain