| Author, YearTrial nameN | Was randomization adequate? | Was allocation concealment adequate? | Were groups similar at baseline? | Was adherence to the intervention adequate? | What was the overall attrition? | What was the differential attrition? | Did the study have differential or overall high attrition raising concern for bias? | Did the study have crossovers or contamination raising concern for bias? |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Bailey,1974145178 | Yes; random assignment, although no details on methods | No; control group not given placebo  | Partially, although baseline characteristics sparse. Control group had higher proportion of subjects with elevated SGOT levels at baseline. | Adherence levels NR | NR | NR | Attrition rates not report, thus unable to assess bias | Partially |
| Bush, 196543All subjects:2,238 ≥15 years 1309≥20 years 1140 | Partially, randomized by HH instead of by individual | Partially, since randomized by HH, plausible families realized whether they were under treatment regimen | Partially, subjects randomized by HH. Baseline characteristics details sparse | Yes.Completed 9 months of drug regiment; all subjects (all ages):780 (68.3)748 (68.3)Completed 12 months of drug regiment; all subjects:557 (48.8)609 (55.6) | Total discontinued treatment; all subjects441 | Total discontinued treatment; all subjects 215 (18.8)226 (20.6)Reasons for discontinuing treatment; all subjects:Moved or left household46 (4.0)48 (4.4)Not interested:48 (4.2)62 (5.6)Suspected TB:2 (0.2)2 (0.2)Non-TB illness:13 (1.1)14 (1.3)Busy:18 (1.6)17 (1.5)Forgot:32 (2.6)31 (2.8)Other reason:42 (3.7)37 (3.4)No reason given:6 (0.5)3 (0.3) | Partially | Yes; randomization at HH level |
| Byrd, 1977146120 | Yes | Round 1: Yes, double-blinded; only chief hospital pharmacist knew content of pills. Same appearance/imprint for both intervention and control Round 2: No, no concealment | Round 1: YesRound 2: No, baseline SGOT levels not given for baseline; patients had progressed 3 months in to disease | Round 1 & 2: No, index of treatment compliance based on positive INH in monthly urine specimens. Patients could feasibly register positive if medication taken shortly before followup visit and not throughout month, thus not a true indicator of 30-day compliance  | NR | NR | Attrition rates NR, thus unable to assess bias | Round 1: NoRound 2:Partially, given prior 3 months as placebo arm |
| Falk, 197841,1487,036 | Yes | Yes | Unclear. Article reports the groups were “balanced,” but no further details given by group other than race information. | Yes (78% completed >12 months of pill taking; 75% completed ≥19 months of pill taking; 73% completed the full 24 months) | 19% (81% were observed for ≥5 years)19%=1337 participants | NR. Stated distribution of factors related to stopping pill-taking were “similar” among the groups, but no information about differences/similarities in completion of followup or for missing data | Yes | Unclear |
| Ferebee, 19634427,924 patients (566 psychiatric wards randomized); 25,210 patients included in morbidity analyses | Yes | Yes | Yes | Reported completion of >39 weeks (from records of ward attendants):INH 70.9%Placebo 76.4%Percentage of ward attendant records accepted as “probably correct”: INH 66%Placebo 69% | Subjects crossing over were dropped from most analyses (except for some of the mortality analyses): n=2714 (9.7%)For the 12-month exam, health status was unknown for <0.05% of participants in the morbidity analyses | Subjects crossing over who were dropped from most analyses: 1.8%For the 12-month exam, unknown health status:<0.05%  | No | Yes; 1191 (8.8%) patients from wards randomized to placebo spent part of the year on INH (e.g., transferred to a ward where INH was being given) and 1523 (10.6%) randomized to INH also received some placebo |
| Veening, 196842261 | Unclear. No details given other than that they were divided “at random” | NR | NR, no data provided to allow comparability of groups at baseline | NR | Missing data for 51 (19.5%) at 7 years; unclear how much missing data for earlier time points, but implied 0% at 1 year; and 43 (16.5%) left military service in the first half of year 2, but unclear how many of those were lost to followup | NR | Yes, moderate concern for risk of attrition bias for overall attrition for the later time points (4 years and 7 years); unclear for differential attrition | No |

**Abbreviations:** HH=household; INH=isoniazid; N=sample size; NR=not reported; SGOT=serum glutamic-oxalacetic transaminase; TB=tuberculosis.