Invited by mail to participate (n=8020)

Excluded (n= 6174)
Did not return answer form (n=6142)
Refused to participate (n=32)

Send information leaflet (n=1846)

Excluded (n= 69)
Did nor reach in time (n=51)
Did not continue phone call (n=18)

Contacted by telephone (n=1777)

Excluded (n= 1093)
Meeting exclusion criteria (n=346)
Refused to participate (n=747)

Invited for screening visit (n=684)

Excluded (n= 447)
Urologic obstruction (n=20)
Heart failure (n=17)
Further medical exclusion (n=10)
Fasting glucose > 6.9 mmol/L (n= 35)
Testosterone > cut–of-point (n=279)
Elevated PSA (n=30)
Other laboratory exclusion (n=27)
Abnormality of the prostate (n=4)
Did not want intervention (n=25)

Randomized (n=237)

Allocation

Receive testosterone
(n= 120)

Receive placebo
(n= 117)