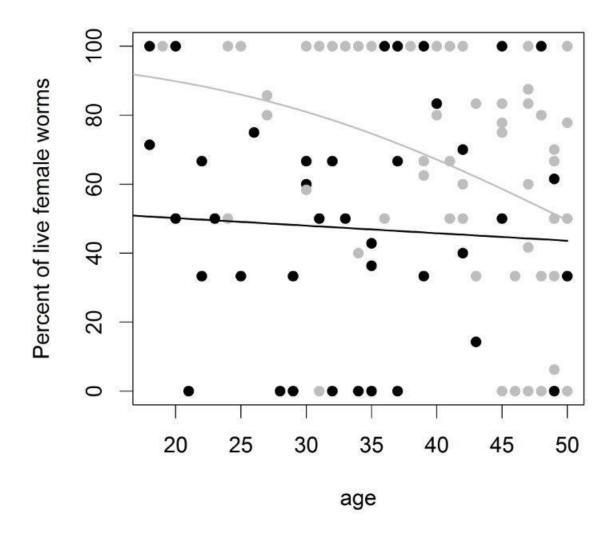
Participants stratified and randomized according to Mf-status Doxycycline 100mg/d for 6 weeks Placebo for 6 weeks N = 83 (69)N = 84 (67)Mf+: N = 48 (37) Mf-: N = 35 (32)Mf+: N = 47 (37) Mf-: N = 37 (30)Treatment fulfilled per protocol Treatment fulfilled per protocol N = 71 (67)N = 76 (69)(Reasons for drop-out: Hypertension N = 1, (Reasons for drop-out: Bloody stool N = 3, liverenzymes N = 3, Pregnancy N = 1, Bloody diarrhoea N = 1, no compliance N = 2; missing diarrhoea N = 2, Vomiting after drug intake N => 3 consecutive treatment days N=1) 1, no compliance N = 4; missing > 3consecutive treatment days N=1) **IVM** treatment IVM treatment (MDA, 3 months after treatment onset) (MDA, 3 months after treatment onset) Participation: yes N = 50 (46), no N = 24 (21), Participation: yes N = 46 (45), no N = 24 (22), not known N = 10 (0)not known N = 13(2)12-months follow-up (Skin snip) 12-months follow-up (Skin snip) N = 73 (67)N = 72 (67)IVM treatment IVM treatment (MDA, 13 months after treatment onset) (MDA, 13 months after treatment onset) Participation: yes N = 67 (65), no N = 3 (2) not Participation: yes N = 67 (60), no N = 7 (7) not known N = 13 (2)known N = 10 (0)20-months follow-up/Nodulectomies 20-months follow-up Operated: N = 74 (66)Operated: N = 69 (66)(Reasons for absence: moved N = 3, traveled N (Reasons for absence: died N = 2, moved N == 1, not known N = 4, refused N = 1, 2, traveled N = 1, not known N = 5, no nodule N=1) no nodule N=4)

Supplementary Figure 1: Flow chart of volunteers who took part in the study.

Present for Skin Snips: N = 69 (67)

The chart shows the number of individuals analysed according to the intention-to-treat (per protocol) principle. There was no significant difference in the proportions of non-attendance to the different follow-up time points between individuals randomized to the doxycycline and those randomized to the placebo group, neither with regard to the presence for nodulectomy nor for skin mf determination.

Present for Skin Snips: N = 71 (69)



Supplementary Figure 2: Estimated effects of the covariates age of the individual and treatment on the presence of live worms. Using Proc Genmod procedure for logistic regression analysis shows that while in the placebo group (grey) the number of life worms decreases with age, this age effect is not present anymore in the doxycycline group (black) after the treatment.