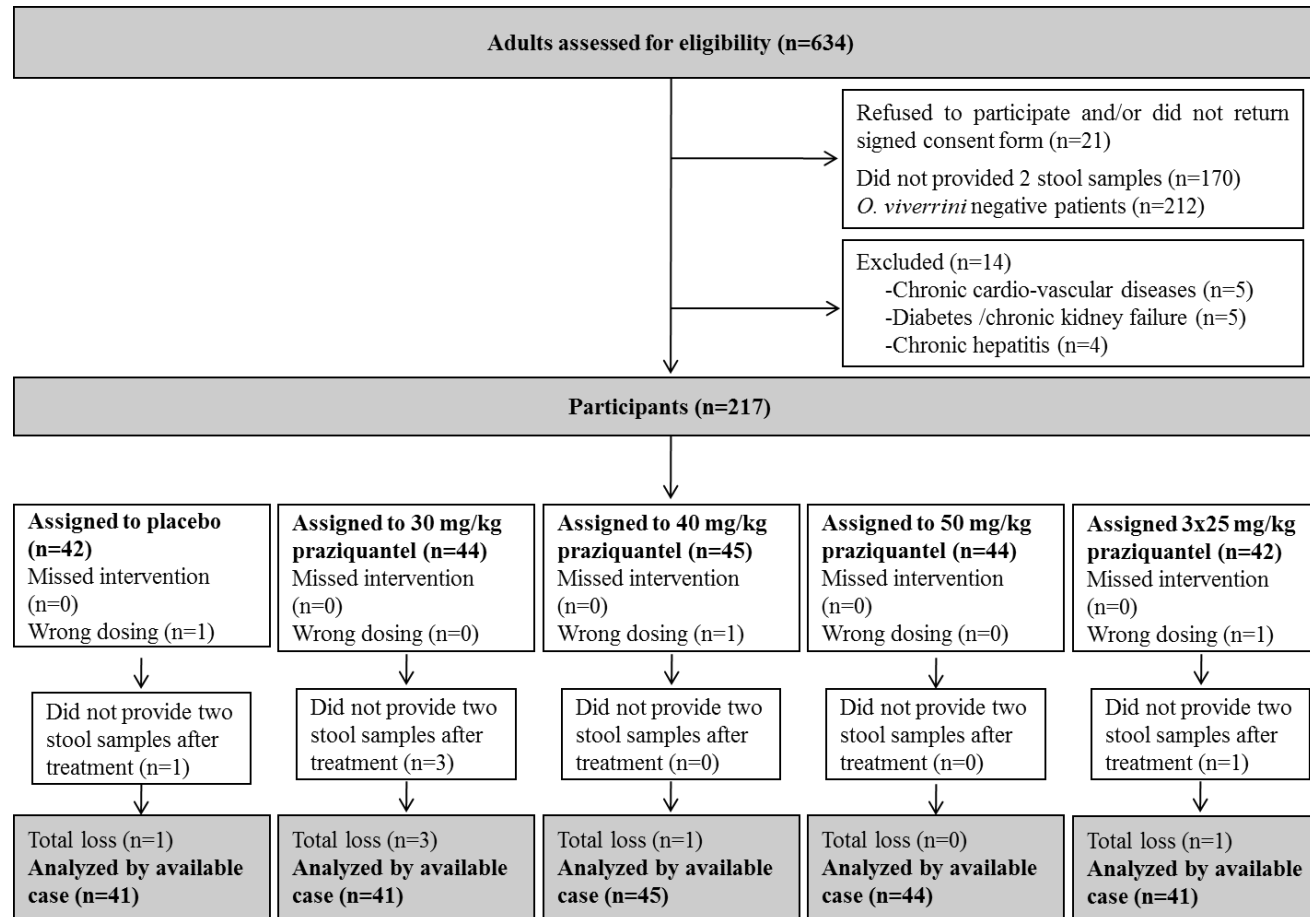


1. Participant Flow



2. Baseline Characteristics

Table 1 Baseline characteristics of *O. viverrini*-infected patients stratified by treatment group

	Placebo	Praziquantel			
	(n = 41)	30 mg/kg (n = 41)	40 mg/kg (n = 45)	50 mg/kg (n = 44)	3x25 mg/kg (n = 41)
Sex, % females	43.9	51.2	46.7	47.7	53.7
Age, median (IQR) [years]	44 (31-56)	45 (30-55)	43 (29-53)	48 (33-57)	47 (35-59)
Weight, median (IQR) [kg]	57 (50-65)	55 (51-62)	59 (53-65)	55 (50-60)	57 (50-61)
Height, median (IQR) [cm]	160 (155-163)	159 (152-165)	159 (155-164)	159 (152-161)	158 (150-162)
Egg counts, median (IQR) [EPG]	60 (27-198)	54 (30-240)	54 (18-144)	75 (30-176)	78 (21-207)
<i>O. viverrini</i> infection intensity, % (n)					
Low	95.1 (39)	92.7 (38)	93.3 (42)	95.4 (42)	95.1 (39)
Moderate	4.9 (2)	7.3 (3)	6.7 (3)	4.6 (2)	4.9 (2)
Heavy	0	0	0	0	0
Co-infections, % (n)					
Hookworms	56.1 (23)	53.7 (22)	71.1 (32)	50.0 (22)	61.0 (25)
<i>Taenia</i> spp.	9.8 (4)	12.2 (5)	15.6 (7)	11.4 (5)	4.9 (2)
<i>T. trichiura</i>	0	4.9 (2)	0	4.6 (2)	0
<i>A. lumbricoides</i>	0	0	0	2.3 (1)	0

IQR: inter-quartile range

3. Outcome Measures

	Placebo	Praziquantel			
	(n = 41)	30 mg/kg (n = 41)	40 mg/kg (n = 45)	50 mg/kg (n = 44)	3x25 mg/kg (n = 41)
Cure rates					
Patients positive before treatment	41	41	45	44	41
Patients positive after treatment (%)	29 (70.7)	3 (7.3)	3 (6.7)	2 (4.5)	3 (7.3)
Cure rate, % (95% CI)	29.3 (16.1-45.5)	92.7 (80.0-98.5)	93.3 (81.7-98.6)	93.2 (81.3-98.6)	92.7 (80.0-98.5)
Geometric mean EPG					
Before treatment	77.0	80.2	70.6	72.4	65.4
After treatment	23.0	0.4	0.2	0.2	0.3
Egg reduction rate, % (95% CI)	70.1 (41.9-85.3)	99.5 (98.4-100.0)	99.7 (99.0-100.0)	99.7 (99.3-100.0)	99.5 (98.8-100.0)
Arithmetic mean EPG					
Before treatment	227.9	257.6	336.4	172.8	230.5
After treatment	247.5	13.6	3.6	2.3	4.2
Egg reduction rate, % (95% CI)	-8.6 (-110.5-38.2)	94.7 (83.7-99.5)	98.9 (93.6-99.8)	98.7 (95.4-99.5)	98.2 (90.7-99.7)

4. Adverse Events

Adverse Events	Placebo		Praziquantel									
	(n = 41)		30 mg/kg (n = 41)		40 mg/kg (n = 45)		50 mg/kg (n = 44)		3x25 mg/kg ^b (n = 41)		Overall (n=171)	
	3 h	24 h	3 h	24 h	3 h	24 h	3 h	24 h	3 h	24 h	3 h	24 h
Headache												
Mild	0	0	12.2 (5)	0	26.7 (12)	0	34.1 (15)	4.6 (2)	14.6 (6)	19.5 (8)	22.2 (38)	5.9 (10)
Nausea												
Mild	4.8 (2)	2.4 (1)	17.1 (7)	2.4 (1)	17.8 (8)	4.4 (2)	15.9 (7)	4.6 (2)	17.1 (7)	19.5 (8)	17.0 (29)	7.6 (13)
Moderate	2.4 (1)	0	0	2.4 (1)	4.4 (2)	0	2.3 (1)	0	0	0	1.8 (3)	0
Vertigo												
Mild	24.4 (10)	2.4 (1)	46.3 (19)	9.8 (4)	62.2 (28)	13.3 (6)	61.4 (27)	20.5 (9)	43.9 (18)	48.8 (20)	53.8 (92)	22.8 (39)
Moderate	0	0	4.9 (2)	0	8.9 (4)	0	6.8 (3)	0	2.4 (1)	4.9 (2)	5.9 (10)	1.2 (2)
Abdominal cramp												
Mild	0	0	4.9 (2)	2.4 (1)	6.7 (3)	2.2 (1)	0	2.3 (1)	0	4.9 (2)	2.9 (5)	2.9 (5)
Fatigue												
Mild	0	0	19.5 (8)	9.8 (4)	11.1 (5)	8.9 (4)	11.4 (5)	4.6 (2)	0	7.3 (3)	10.5 (18)	7.6 (13)
Moderate	0	0	0	0	2.2 (1)	0	0	0	0	0	0.6 (1)	0
Allergy												
Mild pruritus without rash	0	0	0	0	2.2 (1)	0	0	0	0	0	0.6 (1)	0
Mild localized urticaria	0	0	0	0	2.2 (1)	0	0	0	0	0	0.6 (1)	0
Vomiting^c												
Mild	0	0	2.4 (1)	0	8.9 (4)	2.2 (1)	4.6 (2)	2.3 (1)	0	7.3 (3)	4.1 (7)	2.9 (5)
Moderate	0	0	4.9 (2)	0	8.9 (4)	0	9.1 (4)	2.3 (1)	4.9 (2)	12.2 (5)	7.0 (12)	2.9 (5)
Diarrhoea^d												
Mild	2.4 (1)	0	0	2.4 (1)	2.2 (1)	2.2 (1)	6.8 (3)	0	2.4 (1)	7.3 (3)	2.9 (5)	3.5 (6)