Supplementary Table 1. Demographic and Disease Classification Characteristics of Participants Enrolled in TrEAT TD

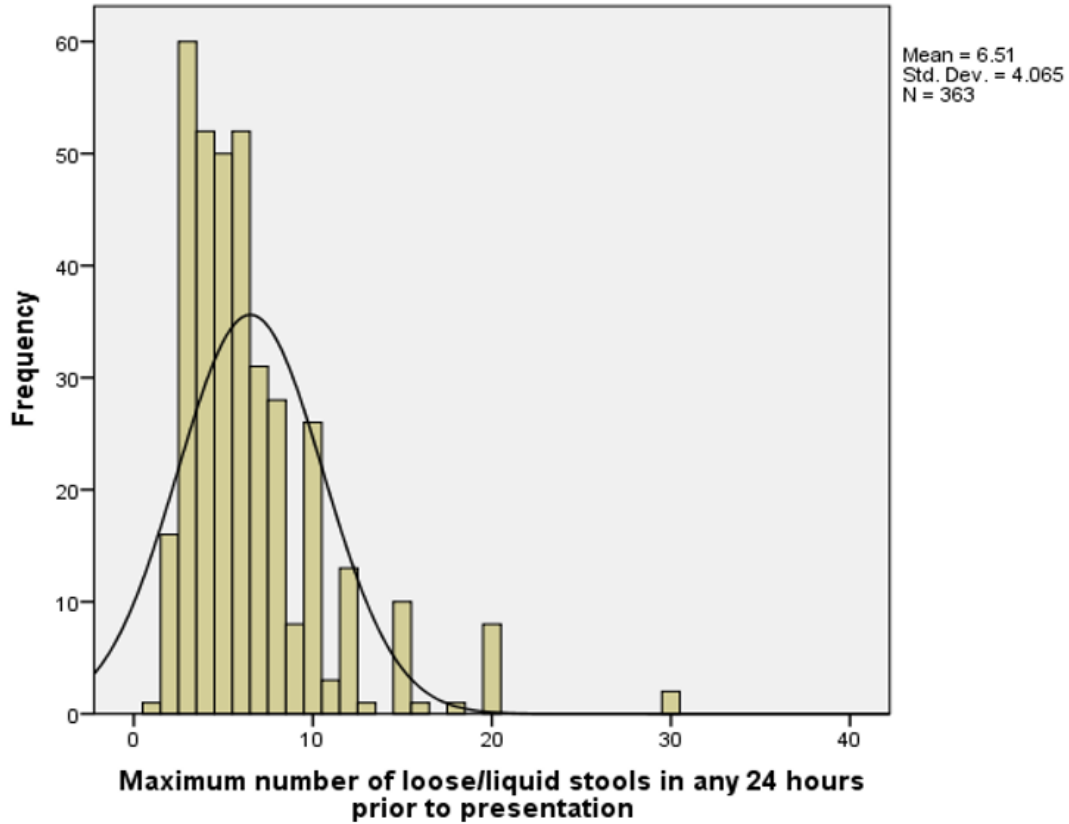| Characteristic	TrEAT TD (n = 363)
Mean age, (std. dev)	29.3 (8.5)
Gender	
Male, No. (%)	339 (93.4)
Female, No. (%)	24 (6.6)
Race	
White, No. (%)	302 (83.2)
Black, No. (%)	34 (9.4)
Other, No. (%)	27 (7.4)
Disease Classification	
Acute watery diarrhea, No. (%)	317 (87.3)
Acute dysentery or febrile diarrhea, No. (%)	46 (12.7)
Impact on Activity	
Normal, No. (%)	79 (21.5)
Decreased ≤ 50%, No. (%)	166 (45.2)
Decreased > 50%, No. (%)	96 (26.2)
Completely unable to function, No. (%)	22 (6.0)

Supplementary Table 2. Frequency (%) of signs and symptoms in the TrEAT TD Dataset (N=363)

	Cramps	Malaise	Nausea	Vomiting*	Fever**	Tenesmus	Incontinence	Gas
None	24.3	35.7	47.5	78.7	84.3	70.8	85.7	61.2
Mild	29.4	23.2	30.2	5.2	5.8	14.3	5.8	16.8
Moderate	34.9	33.0	18.7	5.7	7.2	12.9	6.3	18.5
Severe	10.1	7.6	3.6	9.3	2.8	1.9	2.2	3.6

*Severity coded as follows: none, no vomiting episodes; mild, 1 episode/24hrs; moderate, 2 episodes/24hrs; severe, ≥3 episodes/24hrs)
**Severity coded as follows: none, <100.4°F; mild, 100.4°F – 101.1°F; moderate, 101.2°F – 102.0°F; severe, ≥102.1°F

Supplementary Figure 1. Maximum stool output frequency (TrEAT TD)

Supplementary Table 3. Spearman correlations of ordinal signs and symptoms (TrEAT TD Dataset)

Signs/Symptoms		Correlation estimate (ρ)	Correlation estimate (ρ) 95% confidence limits		p-value
			Lower	Upper	
Fever	Vomiting	0.24	0.12	0.37	<0.001
	Abdominal Cramps	0.12	0.01	0.22	0.03
	Gas	-0.04	-0.14	0.06	0.43
	Nausea	0.29	0.20	0.38	<0.001
	Tenesmus	0.07	-0.04	0.19	0.16
	Malaise/fatigue	0.30	0.21	0.38	<0.001
	Fecal Incontinence	0.06	-0.06	0.18	0.25
Vomiting	Abdominal Cramps	0.13	0.03	0.23	0.011
	Gas	-0.07	-0.17	0.04	0.188
	Nausea	0.49	0.40	0.57	<0.001
	Tenesmus	0.14	0.03	0.25	0.007
	Malaise/fatigue	0.34	0.25	0.42	<0.001
	Fecal Incontinence	0.08	-0.03	0.12	0.15
	Fever	0.24	0.12	0.37	<0.001
Abdominal Cramps	Gas	0.14	0.04	0.24	0.007
	Nausea	0.25	0.14	0.35	<0.001
	Tenesmus	0.21	0.11	0.30	<0.001
	Malaise/fatigue	0.31	0.22	0.41	<0.001
	Fecal Incontinence	0.14	0.04	0.23	0.007
	Fever	0.12	0.01	0.22	0.03
	Vomiting	0.13	0.03	0.23	0.01
Gas	Nausea	0.37	-0.07	0.14	0.48
	Tenesmus	0.12	0.002	0.23	0.32
	Malaise/fatigue	0.13	0.03	0.24	0.01
	Fecal Incontinence	0.04	-0.06	0.14	0.45
	Fever	-0.42	-0.14	0.06	0.43
	Vomiting	-0.07	-0.17	0.04	0.19
	Abdominal Cramps	0.14	0.04	0.24	0.01
Nausea	Tenesmus	0.14	0.03	0.24	0.01
	Malaise/fatigue	0.43	0.33	0.52	<0.001
	Fecal Incontinence	0.11	-0.01	0.24	0.03
	Fever	0.29	0.20	0.38	<0.001
	Vomiting	0.49	0.40	0.57	<0.001
	Abdominal Cramps	0.25	0.14	0.35	<0.001
	Gas	0.04	-0.07	0.14	0.48
Tenesmus	Malaise/fatigue	0.23	0.13	0.32	<0.001
	Fecal Incontinence	-0.03	-0.12	0.09	0.64
	Fever	0.07	-0.04	0.19	0.16
	Vomiting	0.14	0.03	0.25	0.007
	Abdominal Cramps	0.21	0.11	0.30	<0.001
	Gas	0.11	0.002	0.23	0.03
	Nausea	0.14	0.03	0.24	0.01
Malaise/fatigue	Fecal Incontinence	0.13	0.03	0.24	0.01
	Fever	0.30	0.21	0.38	<0.001
	Vomiting	0.34	0.25	0.42	<0.001
	Abdominal Cramps	0.31	0.22	0.41	<0.001
	Gas	0.13	0.03	0.24	0.01
	Nausea	0.43	0.33	0.52	<0.001
	Tenesmus	0.23	0.13	0.32	<0.001
Fecal incontinence	Fever	0.06	-0.06	0.18	0.25
	Vomiting	0.08	-0.03	0.19	0.15
	Abdominal Cramps	0.14	0.04	0.23	0.007
	Gas	0.40	-0.06	0.14	0.45
	Nausea	0.11	-0.01	0.24	0.03
	Tenesmus	-0.03	-0.12	0.09	0.64
	Malaise/fatigue	0.13	0.03	0.24	0.01

Note. Ordinal values of signs and symptoms: 0, none; 1, mild; 2, moderate; 3, severe

Supplementary Table 4. Ordinal logistic regression analysis of the relationship between sign/symptom severity and impact on activity (TrEAT TD dataset)
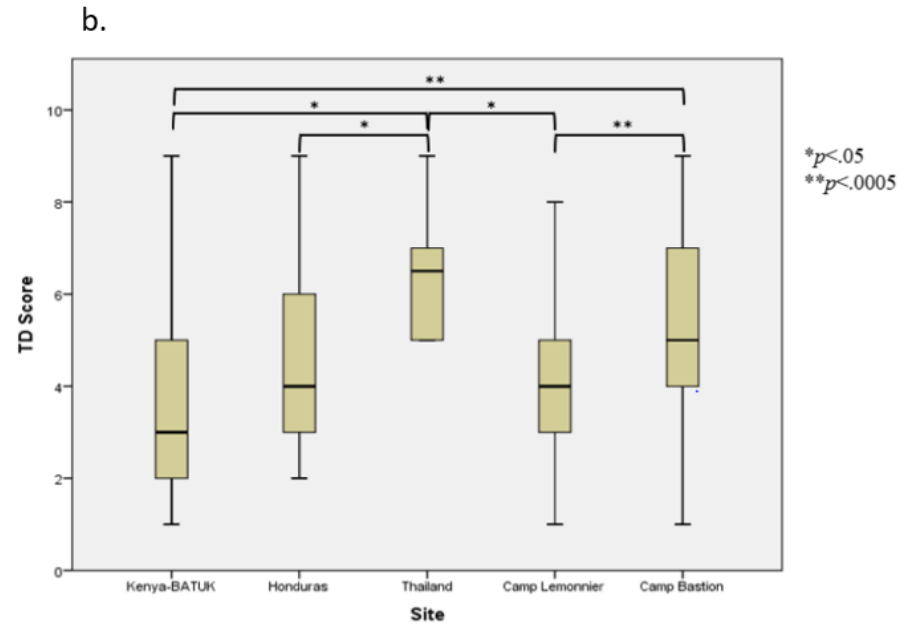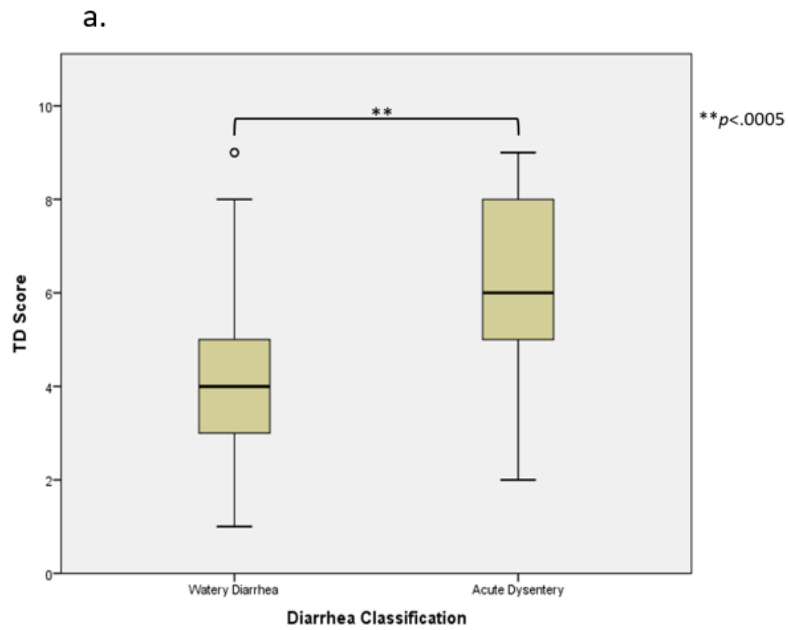
Symptom	OR	95% CI for OR	p-value
Fever			
Mild	4.30	1.86-9.91	0.001
Moderate	5.62	2.61-12.11	<0.0001
Severe	3.87	2.61-12.11	0.02
Vomiting			
Mild	5.42	2.24-13.14	<0.0001
Moderate	5.34	2.29-12.45	<0.0001
Severe	8.38	4.14-16.99	<0.0001
Abdominal Cramps			
Mild	1.12	0.66-1.89	0.68
Moderate	2.76	1.65-4.63	<0.0001
Severe	4.40	2.13-9.11	<0.0001
Nausea			
Mild	2.75	1.72-4.40	<0.0001
Moderate	9.19	5.16-16.36	<0.0001
Severe	37.07	11.78-116.66	<0.0001
Gas			
Mild	1.21	0.72-2.05	0.47
Moderate	1.72	1.04-2.86	0.06
Severe	1.78	0.63-5.01	0.27
Incontinence			
Mild	3.53	1.54-8.09	0.003
Moderate	2.62	1.19-5.76	0.02
Severe	10.80	2.82-41.43	0.001
Malaise			
Mild	5.85	3.29-10.40	<0.0001
Moderate	14.11	8.01-24.86	<0.0001
Severe	44.29	18.48-106.17	<0.0001
Tenesmus			
Mild	1.29	0.74-2.24	0.37
Moderate	2.79	1.56-5.00	0.001
Severe	1.75	0.44-7.00	0.43
Max Loose Stools/24 hours			
2-4 loose stools/24 hrs	1.19	1.13-1.25	<0.0001
5-7 loose stools/24 hrs	3.85	2.37-6.24	<0.0001
≥8 loose stools/24 hrs	8.51	4.96-14.59	<0.0001

Supplementary Table 5. Mean TD Score Across Disease Classification and Site (TrEAT TD dataset)

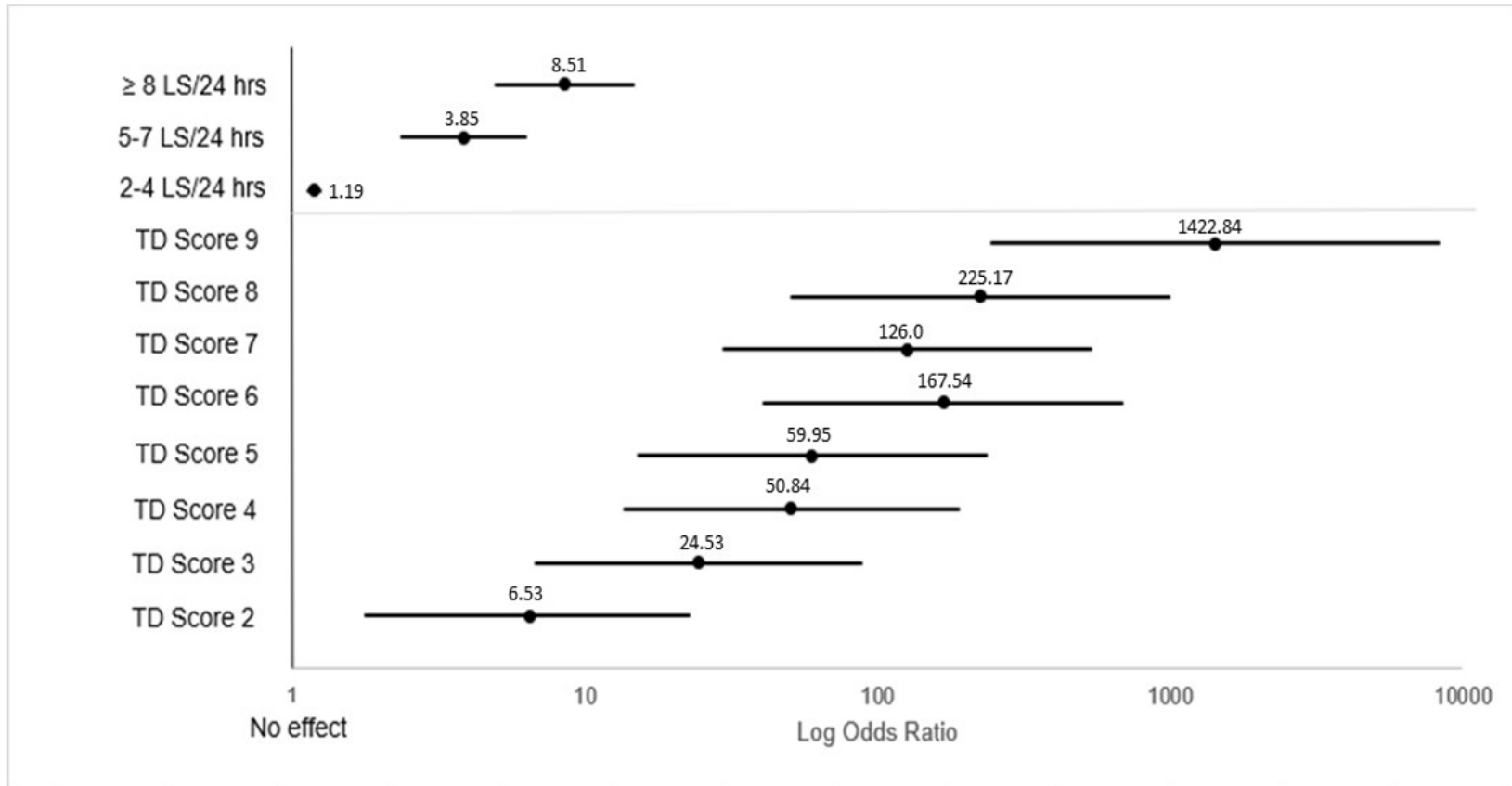| Characteristic	Mean TD Score	SD	p-value
Disease Classification			
Acute watery diarrhea	3.90	1.91	
Acute dysentery or febrile illness	6.20	2.07	<.0005
Site			
Kenya-BATUK	3.61	2.09	
Honduras	4.52	2.22	
Thailand	6.40	1.43	
Camp Lemonnier – Djibouti	4.00	1.70	
Camp Bastion – Afghanistan	5.29	1.97	

Note: Site scores reflect TD syndrome type distribution (AWD vs. ADF). For example, enrollment at the Thailand site was restricted to ADF so higher TD scores were expected.

Supplementary Figure 2. TD Disease Score by TrEAT TD Disease Classification and Site

a.

b.

Note: Site scores reflect TD syndrome type distribution (AWD vs. ADF). For example, enrollment at the Thailand site was restricted to ADF so higher TD scores were expected.

Supplementary Figure 3. Ordinal logistic regression analysis of the relationship between Loose Stool Classification or TD Score and impact on activity (TrEAT TD dataset)

LS = Maximum # loose stools/24 hrs