

Additional file 4.

Comparison between responders, partial-responders and non-responders on their experience of MTX-related difficulties and mothers' ratings of MTX.

	Responder status			Statistic	P
	Non-responder (n = 34)	Partial responder (ACR30/50) (n = 24)	Responder (ACR70) (n = 59)		
MTX-related difficulty, n (%) who experienced difficulty:					
Feel sick before taking MTX ¹	11 (32.4)	9 (37.5)	11 (18.6)	$\chi^2 = 3.96$	0.14
Feel sick after taking MTX ¹	15 (44.1)	11 (45.8)	22 (37.3)	$\chi^2 = 0.70$	0.70
Vomit after taking MTX ¹	9 (26.5)	5 (20.8)	6 (10.2)	$\chi^2 = 4.34$	0.11
Anxious about blood tests ²	12 (35.3)	6 (25.0)	23 (39.0)	$\chi^2 = 1.47$	0.48
Anxious about injections ²	16 (47.1)	8 (34.8)	28 (48.3)	$\chi^2 = 1.28$	0.53
Rating of MTX, mean (S.D.)					
Effectiveness ^a	3.88 (1.27)	3.96 (1.11)	4.32 (1.17)	F = 1.67	0.19
Side effects ^a	3.41 (1.26)	3.75 (1.36)	3.86 (1.33)	F = 1.27	0.28
Satisfaction with effects ^b	3.00 (1.02)	2.79 (1.02)	3.19 (0.89)	F = 1.55	0.22
Feel child received treatment right for them ^c	3.44 (0.89)	3.38 (0.77)	3.47 (0.63)	F = 0.15	0.86
Overall rating ^d	3.68 (1.22)	3.65 (1.43)	3.88 (1.05)	F = 0.45	0.64
Willingness to try other medication ^e	6.65 (2.31)	7.43 (1.85)	6.71 (2.68)	F = 0.90	0.41

1 reported to occur 'two or three times a week' / 'every week'

2 reported to have been a problem 'often' / 'almost always' during the past month

a Scale 1 – 5, higher score = better than expected

b Scale 1 – 4, higher score = more satisfied

c Scale 1 – 4, higher score = stronger agreement that child received treatment that was right for them

d Scale 1 – 5, higher score = better

e Scale 0 – 10, higher score = more willing