

**Additional file 3: Table S3** PROM scores for individual items

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1 (N=3)	GD2 (N=6)	GD3 (N=7)	Overall (N=16)	GD1 (N=9)	GD2 (N=13)	GD3 (N=11)	Overall (N=33)
<b>Part 1</b>								
P1-1								
Mean (SD)	0.833 (1.44)	5.63 (5.15)	4.58 (4.31)	4.04 (4.27)	1.67 (2.80)	4.50 (3.07)	4.38 (4.38)	3.52 (3.55)
Median	0	6.25	2.50	2.50	0	5.00	3.75	2.50
(min, max)	(0, 2.50)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 7.50)	(0, 10.0)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	0 (0)	2 (33.3)	1 (14.3)	3 (18.8)	0 (0)	3 (23.1)	3 (27.3)	6 (18.2)
P1-2								
Mean (SD)	0 (0)	3.13 (3.75)	4.29 (5.35)	3.04 (4.40)	0.556 (1.67)	3.64 (4.52)	2.50 (3.12)	2.33 (3.53)
Median	0	2.50	0	0	0	0	2.50	0
(min, max)	(0, 0)	(0, 7.50)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	2 (15.4)	1 (9.1)	3 (9.1)
P1-3								
Mean (SD)	0 (NA)	0 (0)	1.25 (2.50)	0.625 (1.77)	1.67 (4.08)	0 (0)	1.50 (2.24)	1.17 (2.81)
Median	0	0	0	0	0	0	0	0
(min, max)	(0, 0)	(0, 0)	(0, 5.00)	(0, 5.00)	(0, 10.0)	(0, 0)	(0, 5.00)	(0, 10.0)
Not collected, n (%)	2 (66.7)	3 (50.0)	3 (42.9)	8 (50.0)	3 (33.3)	9 (69.2)	6 (54.5)	18 (54.5)
P1-4								
Mean (SD)	0.833 (1.44)	5.63 (5.15)	3.93 (4.53)	3.75 (4.36)	0.833 (2.50)	3.25 (4.09)	3.86 (4.38)	2.75 (3.90)
Median	0	6.25	2.50	2.50	0	1.25	2.50	0
(min, max)	(0, 2.50)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 7.50)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	3 (23.1)	0 (0)	3 (9.1)
P1-5								
Mean (SD)	0 (0)	1.25 (1.77)	2.92 (4.01)	1.82 (3.18)	0.833 (1.77)	1.67 (2.50)	3.41 (3.22)	2.07 (2.76)
Median	0	1.25	1.25	0	0	0	2.50	0
(min, max)	(0, 0)	(0, 2.50)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 7.50)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	0 (0)	4 (66.7)	1 (14.3)	5 (31.3)	0 (0)	4 (30.8)	0 (0)	4 (12.1)
P1-6								
Mean (SD)	6.67 (2.89)	6.25 (3.23)	4.29 (3.13)	5.36 (3.08)	6.94 (3.91)	4.32 (3.37)	3.64 (3.23)	4.84 (3.65)
Median	5.00	6.25	5.00	5.00	10.0	5.00	2.50	5.00
(min, max)	(5.00, 10.0)	(2.50, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	2 (15.4)	0 (0)	2 (6.1)
P1-7								
Mean (SD)	5.00 (NA)	0.833 (1.44)	0.714 (1.89)	1.14 (2.05)	1.11 (2.20)	0.833 (2.50)	2.00 (3.07)	1.34 (2.59)
Median	5.00	0	0	0	0	0	1.25	0
(min, max)	(5.00, 5.00)	(0, 2.50)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 7.50)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	2 (66.7)	3 (50.0)	0 (0)	5 (31.3)	0 (0)	4 (30.8)	1 (9.1)	5 (15.2)
P1-8								
Mean (SD)	5.00 (7.07)	1.25 (1.44)	2.14 (2.25)	2.31 (2.97)	2.78 (4.41)	2.50 (3.75)	2.75 (3.62)	2.68 (3.78)
Median	5.00	1.25	2.50	2.50	0	0	1.25	0
(min, max)	(0, 10.0)	(0, 2.50)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	1 (33.3)	2 (33.3)	0 (0)	3 (18.8)	0 (0)	4 (30.8)	1 (9.1)	5 (15.2)
P1-9								
Mean (SD)	5.00 (0)	3.33 (5.77)	2.86 (2.25)	3.33 (3.08)	2.50 (3.06)	0.714 (1.89)	3.61 (3.33)	2.40 (3.02)
Median	5.00	0	2.50	3.75	0	0	5.00	0
(min, max)	(5.00, 5.00)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 7.50)	(0, 5.00)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	1 (33.3)	3 (50.0)	0 (0)	4 (25.0)	0 (0)	6 (46.2)	2 (18.2)	8 (24.2)
P1-10								
Mean (SD)	0 (NA)	0 (0)	1.79 (1.89)	1.04 (1.67)	1.39 (1.82)	0.682 (1.62)	1.67 (3.31)	1.21 (2.28)
Median	0	0	2.50	0	0	0	0	0
(min, max)	(0, 0)	(0, 0)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	2 (66.7)	2 (33.3)	0 (0)	4 (25.0)	0 (0)	2 (15.4)	2 (18.2)	4 (12.1)
P1-11								
Mean (SD)	2.50 (3.54)	2.50 (2.89)	1.79 (2.38)	2.12 (2.47)	1.11 (2.20)	0.682 (1.62)	2.50 (4.03)	1.45 (2.87)
Median	2.50	2.50	0	0	0	0	0	0
(min, max)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 5.00)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	1 (33.3)	2 (33.3)	0 (0)	3 (18.8)	0 (0)	2 (15.4)	0 (0)	2 (6.1)
P1-12								
Mean (SD)	10.0 (0)	1.88 (3.75)	2.14 (2.67)	3.27 (4.00)	5.31 (4.32)	2.78 (3.84)	4.77 (3.25)	4.29 (3.78)
Median	10.0	0	0	0	5.00	0	5.00	5.00
(min, max)	(10.0, 10.0)	(0, 7.50)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	1 (33.3)	2 (33.3)	0 (0)	3 (18.8)	1 (11.1)	4 (30.8)	0 (0)	5 (15.2)
P1-13								
Mean (SD)	4.17 (1.44)	4.00 (2.85)	3.21 (2.38)	3.67 (2.29)	2.50 (2.50)	3.46 (2.61)	4.32 (2.52)	3.48 (2.57)
Median	5.00	5.00	2.50	2.50	2.50	2.50	2.50	2.50
(min, max)	(2.50, 5.00)	(0, 7.50)	(0, 7.50)	(0, 7.50)	(0, 5.00)	(0, 7.50)	(2.50, 10.0)	(0, 10.0)
Not collected, n (%)	0 (0)	1 (16.7)	0 (0)	1 (6.3)	0 (0)	0 (0)	0 (0)	0 (0)
P1-14								
Mean (SD)	4.17 (1.44)	9.00 (2.24)	4.64 (3.36)	6.00 (3.38)	4.44 (2.08)	6.54 (2.98)	4.09 (2.02)	5.15 (2.65)
Median	5.00	10.0	5.00	5.00	5.00	5.00	5.00	5.00
(min, max)	(2.50, 5.00)	(5.00, 10.0)	(0, 10.0)	(0, 10.0)	(0, 7.50)	(0, 10.0)	(0, 7.50)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	1 (16.7)	0 (0)	1 (6.3)	0 (0)	0 (0)	0 (0)	0 (0)
<b>P1-15</b>								
Mean (SD)	3.33 (1.44)	4.50 (3.26)	2.86 (2.25)	3.50 (2.46)	1.67 (1.25)	2.50 (2.28)	4.09 (3.02)	2.80 (2.48)
Median	2.50	5.00	2.50	2.50	2.50	2.50	5.00	2.50
(min, max)	(2.50, 5.00)	(0, 7.50)	(0, 7.50)	(0, 7.50)	(0, 2.50)	(0, 7.50)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	0 (0)	1 (16.7)	0 (0)	1 (6.3)	0 (0)	0 (0)	0 (0)	0 (0)
<b>Part 2</b>								
<b>P2-1</b>								
Mean (SD)	0 (0)	10.0 (0)	4.43 (4.24)	5.69 (4.67)	0.889 (1.36)	8.92 (2.29)	4.09 (3.73)	5.12 (4.25)
Median	0	10.0	2.00	8.00	0	10.0	4.00	4.00
(min, max)	(0, 0)	(10.0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 3.00)	(3.00, 10.0)	(0, 10.0)	(0, 10.0)



Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
P2-2								
Mean (SD)	0 (0)	1.20 (2.68)	2.43 (4.16)	1.53 (3.23)	0.125 (0.354)	1.23 (2.62)	1.45 (1.81)	1.03 (2.01)
Median	0	0	0	0	0	0	0	0
(min, max)	(0, 0)	(0, 6.00)	(0, 9.00)	(0, 9.00)	(0, 1.00)	(0, 8.00)	(0, 5.00)	(0, 8.00)
Not collected, n (%)	0 (0)	1 (16.7)	0 (0)	1 (6.3)	1 (11.1)	0 (0)	0 (0)	1 (3.0)
P2-3								
Mean (SD)	4.33 (1.15)	7.50 (3.79)	2.86 (2.19)	4.50 (3.16)	3.22 (1.86)	6.08 (3.25)	3.82 (3.79)	4.55 (3.31)
Median	5.00	9.00	2.00	4.50	3.00	7.00	2.00	5.00
(min, max)	(3.00, 5.00)	(2.00, 10.0)	(0, 6.00)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	0 (0)	0 (0)	0 (0)
P2-4								
Mean (SD)	4.00 (1.73)	4.25 (2.99)	3.00 (3.79)	3.57 (3.08)	2.44 (1.88)	4.69 (3.66)	4.27 (3.58)	3.94 (3.29)
Median	5.00	5.00	2.00	4.00	3.00	5.00	4.00	3.00
(min, max)	(2.00, 5.00)	(0, 7.00)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	0 (0)	0 (0)	0 (0)
P2-5								
Mean (SD)	2.67 (3.06)	3.25 (4.72)	0.571 (1.13)	1.79 (2.97)	4.11 (3.14)	2.85 (3.36)	1.55 (2.02)	2.76 (3.00)
Median	2.00	1.50	0	0	3.00	0	1.00	2.00
(min, max)	(0, 6.00)	(0, 10.0)	(0, 3.00)	(0, 10.0)	(0, 8.00)	(0, 9.00)	(0, 6.00)	(0, 9.00)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	0 (0)	0 (0)	0 (0)
P2-6								
Mean (SD)	0 (0)	5.00 (3.56)	1.00 (1.26)	2.00 (2.89)	1.67 (1.87)	4.85 (3.41)	3.09 (2.51)	3.39 (2.99)
Median	0	6.00	0.500	0	1.00	5.00	2.00	3.00
(min, max)	(0, 0)	(0, 8.00)	(0, 3.00)	(0, 8.00)	(0, 5.00)	(0, 10.0)	(0, 6.00)	(0, 10.0)
Not collected, n (%)	0 (0)	2 (33.3)	1 (14.3)	3 (18.8)	0 (0)	0 (0)	0 (0)	0 (0)
P2-7								
Mean (SD)	2.00 (2.65)	5.75 (4.35)	2.43 (3.64)	3.29 (3.77)	2.11 (2.37)	3.77 (3.14)	2.00 (3.10)	2.73 (2.97)
Median	1.00	6.50	1.00	1.50	1.00	5.00	0	1.00
(min, max)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 8.00)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	0 (0)	0 (0)	0 (0)
P2-8								
Mean (SD)	3.67 (2.31)	5.00 (4.08)	2.86 (3.67)	3.64 (3.43)	2.78 (2.22)	3.77 (3.47)	3.64 (3.41)	3.45 (3.09)
Median	5.00	5.00	2.00	4.00	2.00	4.00	2.00	3.00
(min, max)	(1.00, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 9.00)	(0, 10.0)
Not collected, n (%)	0 (0)	2 (33.3)	0 (0)	2 (12.5)	0 (0)	0 (0)	0 (0)	0 (0)
P2-9								
Mean (SD)	0.333 (0.577)	3.80 (3.42)	3.57 (3.31)	3.00 (3.16)	1.22 (1.72)	2.54 (3.38)	2.55 (2.77)	2.18 (2.79)
Median	0	3.00	3.00	2.00	0	0	2.00	2.00
(min, max)	(0, 1.00)	(0, 9.00)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 9.00)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	0 (0)	1 (16.7)	0 (0)	1 (6.3)	0 (0)	0 (0)	0 (0)	0 (0)

### Part 3

#### P3-1

Mean (SD)	NA	5.00 (4.08)	1.57 (3.74)	2.82 (4.05)	2.33 (2.74)	2.85 (2.91)	2.45 (3.62)	2.58 (3.03)
Median	NA	5.00	0	0	1.00	4.00	0	0
(min, max)		(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 7.00)	(0, 8.00)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	2 (33.3)	0 (0)	5 (31.3)	0 (0)	0 (0)	0 (0)	0 (0)

#### P3-2

Mean (SD)	NA	6.75 (4.72)	0.667 (1.21)	3.10 (4.25)	1.00 (1.66)	3.77 (3.37)	2.64 (2.84)	2.64 (2.96)
Median	NA	8.50	0	0.500	0	5.00	2.00	2.00
(min, max)		(0, 10.0)	(0, 3.00)	(0, 10.0)	(0, 5.00)	(0, 8.00)	(0, 8.00)	(0, 8.00)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	3 (100)	2 (33.3)	1 (14.3)	6 (37.5)	0 (0)	0 (0)	0 (0)	0 (0)
P3-3 <sup>b</sup>								
Mean (SD)	NA	7.50 (5.00)	3.29 (4.64)	4.82 (5.00)	0 (0)	5.92 (4.79)	2.45 (4.13)	3.15 (4.47)
Median	NA	10.0	1.00	2.00	0	9.00	0	0
(min, max)		(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 0)	(0, 10.0)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	2 (33.3)	0 (0)	5 (31.3)	0 (0)	0 (0)	0 (0)	0 (0)
P3-4 <sup>b</sup>								
Mean (SD)	–	–	–	–	0.111 (0.333)	6.38 (4.65)	2.55 (3.88)	3.39 (4.44)
Median	–	–	–	–	0	10.0	1.00	0
(min, max)					(0, 1.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	–	–	–	–	0 (0)	0 (0)	0 (0)	0 (0)
P3-5								
Mean (SD)	NA	8.20 (3.49)	3.57 (4.54)	5.50 (4.62)	1.22 (1.99)	6.46 (4.43)	2.91 (3.59)	3.85 (4.17)
Median	NA	10.0	2.00	6.00	0	10.0	2.00	2.00
(min, max)		(2.00, 10.0)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	1 (16.7)	0 (0)	4 (25.0)	0 (0)	0 (0)	0 (0)	0 (0)
P3-6								
Mean (SD)	NA	7.50 (3.08)	2.14 (3.93)	4.62 (4.41)	0 (0)	5.38 (4.81)	1.45 (3.21)	2.69 (4.21)
Median	NA	8.50	0	5.00	0	8.00	0	0
(min, max)		(2.00, 10.0)	(0, 10.0)	(0, 10.0)	(0, 0)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	3 (100)	0 (0)	0 (0)	3 (18.8)	1 (11.1)	0 (0)	0 (0)	1 (3.0)
P3-7								
Mean (SD)	NA	4.33 (4.04)	0.857 (1.07)	1.90 (2.69)	2.11 (2.93)	4.31 (3.82)	1.64 (2.29)	2.82 (3.28)
Median	NA	5.00	0	1.00	0	4.00	1.00	2.00
(min, max)		(0, 8.00)	(0, 2.00)	(0, 8.00)	(0, 8.00)	(0, 10.0)	(0, 6.00)	(0, 10.0)
Not collected, n (%)	3 (100)	3 (50.0)	0 (0)	6 (37.5)	0 (0)	0 (0)	0 (0)	0 (0)
P3-8								
Mean (SD)	NA	7.00 (2.45)	3.00 (3.51)	4.45 (3.64)	1.44 (1.67)	5.15 (3.83)	3.55 (3.98)	3.61 (3.67)
Median	NA	6.50	1.00	5.00	2.00	5.00	1.00	2.00
(min, max)		(5.00, 10.0)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)



Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	3 (100)	2 (33.3)	0 (0)	5 (31.3)	0 (0)	0 (0)	0 (0)	0 (0)
P3-9								
Mean (SD)	NA	3.33 (2.89)	1.86 (2.85)	2.30 (2.79)	2.56 (1.81)	1.15 (2.19)	3.55 (3.30)	2.33 (2.67)
Median	NA	5.00	1.00	1.50	2.00	0	3.00	2.00
(min, max)		(0, 5.00)	(0, 8.00)	(0, 8.00)	(0, 5.00)	(0, 5.00)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	3 (50.0)	0 (0)	6 (37.5)	0 (0)	0 (0)	0 (0)	0 (0)
P3-10								
Mean (SD)	NA	7.75 (2.63)	4.14 (4.38)	5.45 (4.11)	2.67 (3.43)	7.31 (3.92)	3.82 (3.22)	4.88 (4.01)
Median	NA	8.00	3.00	5.00	1.00	10.0	3.00	4.00
(min, max)		(5.00, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	3 (100)	2 (33.3)	0 (0)	5 (31.3)	0 (0)	0 (0)	0 (0)	0 (0)
P3-11								
Mean (SD)	NA	3.40 (3.13)	2.57 (3.60)	2.92 (3.29)	1.11 (2.20)	2.08 (2.87)	2.45 (3.39)	1.94 (2.86)
Median	NA	5.00	2.00	2.00	0	0	1.00	0
(min, max)		(0, 6.00)	(0, 10.0)	(0, 10.0)	(0, 5.00)	(0, 8.00)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	1 (16.7)	0 (0)	4 (25.0)	0 (0)	0 (0)	0 (0)	0 (0)
P3-12								
Mean (SD)	NA	6.80 (4.32)	4.57 (2.76)	5.50 (3.50)	0.556 (1.67)	5.42 (3.90)	3.55 (4.01)	3.41 (3.90)
Median	NA	9.00	3.00	5.50	0	6.50	1.00	1.00
(min, max)		(0, 10.0)	(2.00, 9.00)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	3 (100)	1 (16.7)	0 (0)	4 (25.0)	0 (0)	1 (7.7)	0 (0)	1 (3.0)
P3-13								
Mean (SD)	NA	6.50 (2.38)	5.50 (3.67)	5.90 (3.11)	5.11 (3.02)	5.54 (3.89)	5.73 (3.50)	5.48 (3.44)
Median	NA	7.50	4.50	6.00	5.00	7.00	6.00	6.00
(min, max)		(3.00, 8.00)	(2.00, 10.0)	(2.00, 10.0)	(1.00, 10.0)	(0, 10.0)	(1.00, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	2 (33.3)	1 (14.3)	6 (37.5)	0 (0)	0 (0)	0 (0)	0 (0)
P3-14								
Mean (SD)	NA	9.00 (1.41)	1.75 (2.36)	5.78 (4.21)	1.89 (1.83)	5.85 (4.14)	2.36 (2.46)	3.61 (3.54)
Median	NA	10.0	1.00	7.00	2.00	7.00	1.00	3.00
(min, max)		(7.00, 10.0)	(0, 5.00)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 6.00)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1	GD2	GD3	Overall	GD1	GD2	GD3	Overall
	(N=3)	(N=6)	(N=7)	(N=16)	(N=9)	(N=13)	(N=11)	(N=33)
Not collected, n (%)	3 (100)	1 (16.7)	3 (42.9)	7 (43.8)	0 (0)	0 (0)	0 (0)	0 (0)
P3-15								
Mean (SD)	NA	4.60 (4.22)	3.50 (3.11)	4.11 (3.59)	1.78 (1.92)	4.54 (3.93)	3.09 (3.70)	3.30 (3.50)
Median	NA	3.00	3.50	3.00	2.00	6.00	1.00	2.00
(min, max)		(0, 10.0)	(0, 7.00)	(0, 10.0)	(0, 5.00)	(0, 10.0)	(0, 10.0)	(0, 10.0)
Not collected, n (%)	3 (100)	1 (16.7)	3 (42.9)	7 (43.8)	0 (0)	0 (0)	0 (0)	0 (0)
P3-16								
Mean (SD)	NA	1.00 (1.41)	3.00 (2.31)	2.17 (2.17)	3.14 (3.76)	2.25 (2.09)	4.60 (3.31)	3.28 (3.06)
Median	NA	0	3.00	2.50	2.00	2.00	5.00	2.00
(min, max)		(0, 3.00)	(0, 6.00)	(0, 6.00)	(0, 10.0)	(0, 6.00)	(0, 10.0)	(0, 10.0)

Item <sup>a</sup>	Pre-test				Main analysis			
	GD1 (N=3)	GD2 (N=6)	GD3 (N=7)	Overall (N=16)	GD1 (N=9)	GD2 (N=13)	GD3 (N=11)	Overall (N=33)
Not collected, n (%)	3 (100)	1 (16.7)	0 (0)	4 (25.0)	2 (22.2)	1 (7.7)	1 (9.1)	4 (12.1)

<sup>a</sup>Item numbers refer to the final questionnaire used in the main survey

<sup>b</sup>In Part 3, Item 3 (“Over the past week, have you had any difficulty swallowing food or speaking?”) in the pre-test was split into two items in the main survey (P3-3: “Over the past week, have you had any difficulty swallowing food?”; P3-4: “Over the past week, have you had any difficulty speaking?”).

GD1/2/3: type 1/2/3 Gaucher disease; max: maximum; min: minimum; NA: not applicable; P: Part; PROM: patient-reported outcome measure;

SD: standard deviation