

Appendix 6.1 Survival by allocated group: Cox regression comparing EUS and non-EUS groups (without covariates)

Model component or contrast	β (coefficient in model)	Standard error of β	Wald statistic	Significance ^a	Hazard ratio [exp(β)]	95% CI for hazard ratio
EUS vs non-EUS	-0.277	0.173	2.563	0.109	0.758	0.540 to 1.064

a The significance level is slightly different from the significance of the log-rank test, which uses a different model. (Both are 'correct' but use different assumptions.)

Appendix 6.2 Survival by allocated group: Cox regression without interaction (including model coefficients)

Model component or contrast	β (coefficient in model)	Standard error of β	Wald statistic	df	Significance	Hazard ratio [exp(β)]	95% CI for hazard ratio
EUS vs non-EUS	-0.348	0.176	3.921	1	0.048	0.706	0.501 to 0.996
Other centres vs (Aberdeen or Gloucester)	-0.073	0.128	0.328	1	0.567	0.929	0.723 to 1.194
Gloucester vs Aberdeen	-0.154	0.099	2.416	1	0.120	0.858	0.707 to 1.041
(T3, T4 or NR) vs (Tis, T1 or T2)	0.303	0.107	7.962	1	0.005	1.353	1.097 to 1.670
Multimodal plan vs not	0.347	0.107	1.525	1	0.001	1.415	1.147 to 1.746
Baseline EQ-5D	-0.335	0.484	0.477	1	0.490	0.716	0.277 to 1.849

Rows in bold type contribute significantly to the model.

Appendix 6.3 Baseline quality of life by centre for 213 participants in main analysis.

	Aberdeen (<i>n</i> = 70): mean (SD) minimum, maximum	Gloucester (<i>n</i> = 102): mean (SD) minimum, maximum	Other centres (<i>n</i> = 41): mean (SD) minimum, maximum
FACT (range 0–4, 4 best)			
Physical	3.44 (0.58) 0.6, 4.0	3.30 (0.59) 1.4, 4.0	3.48 (0.56) 1.6, 4.0
Social	3.47 (0.62) 1.0, 4.0	3.32 (0.70) 0.2, 4.0	3.60 (0.44) 2.0, 4.0
Emotional	3.05 (0.69) 0.7, 4.0	2.88 (0.82) 0.0, 4.0	3.03 (0.73) 1.2, 4.0
Functional	2.99 (0.84) 0.7, 4.0	2.72 (1.03) 0.2, 4.0	3.01 (0.94) 0.2, 4.0
General (average of four scores)	3.24 (0.42) 1.6, 4.0	3.06 (0.54) 1.5, 4.0	3.28 (0.49) 1.4, 4.0
FACT (range 0–4, 0 best)			
Additional Concerns (GOC)	1.12 (0.62) 0.2, 2.8	1.13 (0.66) 0.0, 2.6	1.01 (0.77) 0.0, 3.2
EQ-5D			
EQ-5D utility score (–0.6 to 1.0, 1.0 best)	0.83 (0.18) –0.1, 1.0	0.79 (0.18) 0.1, 1.0	0.81 (0.20) 0.3, 1.0
EQ-VAS (0–100, 100 best)	73.9 (16.1) 30, 100	68.8 (2.1) 20, 100	78.2 (16.6) 30, 100
GOC, gastro-oesophageal cancer.			

Appendix 6.4 EQ-5D utility score by allocated group: unadjusted means at each time point (internally imputed; responders only)

EQ-5D at	Non-EUS group		EUS group		Total
	<i>n</i>	Mean (SD)	<i>n</i>	Mean (SD)	<i>n</i>
Baseline	105	0.800 (0.165)	104	0.810 (0.200)	209
1 month	82	0.768 (0.249)	90	0.757 (0.247)	172
3 months	74	0.675 (0.290)	75	0.676 (0.295)	149
6 months	66	0.658 (0.260)	70	0.660 (0.306)	136
12 months	54	0.689 (0.309)	58	0.751 (0.195)	112
18 months	37	0.735 (0.234)	40	0.690 (0.309)	77
24 months	23	0.657 (0.265)	26	0.695 (0.295)	49
36 months	12	0.588 (0.304)	13	0.651 (0.377)	45

Appendix 6.5 Twelve-month FACT scale scores and EQ-5D by allocated group: unadjusted means (internally imputed, responders only)

Scale	Non-EUS group (n = 54): mean (SD)	EUS group (n = 58): mean (SD)	EUS minus non-EUS: difference ^a
FACT			
Physical	3.10 (0.78)	3.13 (0.70)	0.036
Social	3.42 (0.70)	3.60 (0.60)	0.177
Emotional	3.21 (0.69)	3.28 (0.57)	0.065
Functional	2.51 (1.02)	2.52 (0.97)	0.012
General (average of four scores)	3.06 (0.61)	3.13 (0.57)	0.073
Additional Concerns	1.07 (0.68)	1.11 (0.73)	0.039
EQ-5D			
EQ-5D utility	0.689 (0.309)	0.751 (0.195)	0.062
EQ-VAS	72.8 (18.6)	73.1 (16.9)	0.30

a There are no significant differences between groups.

Appendix 6.6 Twelve-month FACT scale scores, EQ-5D and EQ-VAS by allocated group: unadjusted means (imputed, survivors only: 70 non-endoscopic ultrasound and 73 endoscopic ultrasound group)

Scale	Non-EUS group: mean (SD)	EUS group: mean (SD)	EUS minus non-EUS: difference (95% CI) ^a
FACT			
Physical	3.08 (0.70)	3.08 (0.63)	0.01 (-0.22 to 0.23)
Social	3.40 (0.63)	3.56 (0.57)	0.16 (-0.04 to 0.36)
Emotional	3.23 (0.62)	3.23 (0.55)	0.01 (-0.19 to 0.20)
Functional	2.47 (0.93)	2.47 (0.93)	0.01 (-0.30 to 0.31)
General (average of four scores)	3.04 (0.55)	3.09 (0.56)	0.04 (-0.32 to 0.10)
Additional Concerns	1.09 (0.62)	1.16 (0.69)	0.08 (-0.14 to 0.29)
EQ-5D			
EQ-5D utility	0.68 (0.28)	0.74 (0.19)	0.06 (-0.02 to 0.14)
EQ-VAS	71.7 (16.8)	72.1 (16.2)	0.4 (-5.0 to 5.9)

a There are no significant differences between groups.

Appendix 6.7 Quality of life by allocated group: unadjusted means, difference and confidence intervals from basic t-tests; each at each follow-up time point

Scale and time point	Non EUS group: mean (SD)	EUS group: mean (SD)	EUS minus non-EUS: difference (95% CI)		Significance
One month					
FACT-GP	2.98 (0.84)	2.94 (0.86)	-0.04	(-0.27 to 0.19)	0.724
FACT-GS	3.41 (0.77)	3.52 (0.69)	0.11	(-0.09 to 0.31)	0.268
FACT-GE	2.98 (0.80)	3.09 (0.78)	0.11	(-0.11 to 0.32)	0.330
FACT-GF	2.24 (0.96)	2.25 (1.07)	0.01	(-0.27 to 0.28)	0.962
FACT-G	2.90 (0.65)	2.95 (0.68)	0.05	(-0.14 to 0.23)	0.620
FACT-AC	1.29 (0.74)	1.16 (0.68)	-0.14	(-0.33 to 0.05)	0.159
EQ-5D	0.733 (0.285)	0.729 (0.265)	-0.005	(-0.079 to 0.070)	0.902
EQ-VAS	67.6 (21.3)	68.0 (18.2)	0.4	(-5.0 to 5.7)	0.885
3 months					
FACT-GP	2.73 (1.07)	2.78 (0.96)	0.04	(-0.23 to 0.32)	0.766
FACT-GS	3.21 (1.01)	3.44 (0.83)	0.23	(-0.012 to 0.48)	0.070
FACT-GE	2.83 (1.02)	3.01 (0.81)	0.17	(-0.08 to 0.42)	0.171
FACT-GF	1.98 (1.18)	2.05 (1.05)	0.07	(-0.24 to 0.37)	0.665
FACT-G	2.69 (0.93)	2.82 (0.75)	0.13	(-0.10 to 0.36)	0.271
FACT-AC	1.38 (0.94)	1.26 (0.73)	-0.12	(-0.35 to 0.10)	0.284
EQ-5D	0.615 (0.305)	0.658 (0.289)	0.043	(-0.037 to 0.123)	0.294
EQ-VAS	60.9 (26.6)	65.1 (20.8)	4.3	(-2.2 to 10.7)	0.193
6 months					
FACT-GP	2.31 (1.21)	2.31 (1.29)	0.00	(-0.34 to 0.34)	0.992
FACT-GS	2.89 (1.40)	3.06 (1.35)	0.17	(-0.20 to 0.54)	0.356
FACT-GE	2.55 (1.28)	2.65 (1.26)	0.10	(-0.24 to 0.44)	0.566
FACT-GF	1.70 (1.13)	1.84 (1.24)	0.14	(-0.18 to 0.46)	0.384
FACT-G	2.36 (1.14)	2.46 (1.18)	0.10	(-0.21 to 0.42)	0.512
FACT-AC	1.68 (1.04)	1.60 (1.05)	-0.08	(-0.36 to 0.21)	0.589
EQ5D	0.535 (0.323)	0.550 (0.347)	0.015	(-0.076 to 0.106)	0.744
EQ-VAS	55.5 (29.8)	56.7 (27.9)	1.2	(-6.6 to 9.0)	0.766
12 months					
FACT-GP	2.04 (1.56)	2.13 (1.53)	0.08	(-0.333 to 0.502)	0.691
FACT-GS	2.26 (1.69)	2.46 (1.71)	0.20	(-0.263 to 0.656)	0.401
FACT-GE	2.14 (1.61)	2.23 (1.56)	0.09	(-0.335 to 0.522)	0.667
FACT-GF	1.63 (1.39)	1.71 (1.38)	0.08	(-0.299 to 0.449)	0.692

Scale and time point	Non EUS group: mean (SD)	EUS group: mean (SD)	EUS minus non-EUS: difference (95% CI)		Significance
FACT0G	2.02 (1.51)	2.13 (1.50)	0.11	(-0.294 to 0.519)	0.587
FACT-AC	1.95 (1.31)	1.93 (1.30)	-0.02	(-0.373 to 0.331)	0.907
EQ-5D	0.449 (0.391)	0.509 (0.376)	0.061	(-0.043 to 0.164)	0.251
EQ-VAS	47.6 (36.5)	49.7 (36.0)	2.1	(-7.6 to 11.9)	0.666
18 months					
FACT-GP	1.63 (1.66)	1.68 (1.58)	0.05	(-0.43 to 0.53)	0.832
FACT-GS	1.71 (1.73)	1.81 (1.68)	0.10	(-0.40 to 0.61)	0.692
FACT-GE	1.77 (1.81)	2.00 (1.77)	0.23	(-0.30 to 0.76)	0.398
FACT-GF	1.36 (1.50)	1.40 (1.40)	0.04	(-0.39 to 0.47)	0.857
FACT-G	1.62 (1.62)	1.72 (1.56)	0.10	(-0.37 to 0.58)	0.660
FACT-AC	2.33 (1.36)	2.16 (1.34)	-0.15	(-0.55 to 0.25)	0.462
EQ-5D	0.377 (0.400)	0.394 (0.399)	0.017	(-0.102 to 0.135)	0.783
EQ-VAS	38.0 (39.2)	39.5 (37.1)	1.6	(-9.8 to 12.9)	0.785
24 months					
FACT-GP	1.16 (1.52)	1.33 (1.55)	0.16	(-0.33 to 0.66)	0.513
FACT-GS	1.29 (1.64)	1.52 (1.69)	0.23	(-0.31 to 0.77)	0.402
FACT-GE	1.34 (1.71)	1.62 (1.76)	0.29	(-0.28 to 0.85)	0.316
FACT-GF	0.93 (1.28)	1.13 (1.39)	0.20	(-0.24 to 0.63)	0.369
FACT-G	1.18 (1.50)	1.40 (1.55)	0.22	(-0.28 to 0.71)	0.382
FACT-AC	2.61 (1.28)	2.41 (1.38)	-0.21	(-0.68 to 0.27)	0.387
EQ-5D	0.251 (0.347)	0.330 (0.392)	0.079	(-0.041 to 0.198)	0.195
EQ-VAS	27.8 (36.0)	33.2 (37.8)	5.4	(-6.6 to 17.3)	0.376
36 months					
FACT-GP	1.02 (1.48)	0.96 (1.48)	-0.06	(-0.68 to 0.56)	0.847
FACT-GS	1.14 (1.64)	1.17 (1.62)	0.03	(-0.65 to 0.71)	0.929
FACT-GE	1.28 (1.80)	1.18 (1.66)	-0.10	(-0.82 to 0.62)	0.787
FACT-GF	0.76 (1.16)	0.81 (1.30)	0.05	(-0.46 to 0.57)	0.843
FACT-G	1.05 (1.50)	1.03 (1.47)	-0.02	(-0.64 to 0.60)	0.951
FACT-AC	2.78 (1.28)	2.75 (1.34)	-0.03	(-0.58 to 0.52)	0.923
EQ-5D	0.189 (0.312)	0.226 (0.373)	0.037	(-0.106 to 0.1)	0.607
EQ-VAS	24.6 (35.9)	26.2 (37.7)	1.6	(-13.8 to 16.9)	0.840

Appendix 6.8 Twelve-month FACT scale scores and EQ-5D by allocated group: unadjusted means (imputed, all cases)

Scale	Non-EUS group (n = 107): mean (SD)	EUS group (n = 106): mean (SD)	EUS minus non-EUS: difference (95% CI)
FACT			
Physical	2.04 (1.56)	2.13 (1.53)	0.08 (-0.33 to 0.50)
Social	2.26 (1.69)	2.46 (1.71)	0.20 (-0.26 to 0.66)
Emotional	2.14 (1.61)	2.23 (1.57)	0.09 (-0.33 to 0.52)
Functional	1.63 (1.39)	1.71 (1.38)	0.08 (-0.30 to 0.45)
General (average of four scores)	2.02 (1.51)	2.13 (1.50)	0.11 (-0.29 to 0.52)
Additional Concerns	1.95 (1.31)	1.93 (1.30)	-0.02 (-0.37 to 0.33)
EQ-5D			
EQ-5D utility	0.449 (0.391)	0.509 (0.376)	0.061 (-0.043 to 0.164)
EQ-VAS	47.6 (36.5)	49.7 (36.0)	2.1 (-7.6 to 11.9)

Appendix 6.9 Quality of life between allocated groups: full analysis of covariance comparisons, including effects of covariates but no interaction, at 12 months for EQ-5D

Model component or contrast	Type III sum of squares	df	Mean square	F	Significance
EUS vs non-EUS	0.176	1	0.176	1.258	0.263
Centre (three categories)	0.071	2	0.036	0.263	0.775
(T3, T4 or NR) vs (Tis, T1 or T2)	0.991	1	0.991	7.095	0.008
Age (years) ^a	0.502	1	0.502	3.596	0.059
Baseline EQ-5D	0.485	1	0.485	3.471	0.064
Error	28.777	206	0.140		
Corrected total	31.277	212			

^a A model with age replaced by multimodal management plan is nearly as good, but neither model is improved by using both age and multimodal plan

Rows in bold type contribute significantly to the model.

Appendix 6.10 Quality of life between allocated groups: full analysis of covariance comparisons, including effects of covariates but no interaction, at 12 months for FACT-G

Model component or contrast	Type III sum of squares	df	Mean square	F	Significance
EUS vs non-EUS	0.748	1	0.748	0.366	0.546
Centre (three categories)	2.754	2	1.377	0.673	0.511
(T3, T4 or NR) vs (Tis, T1 or T2)	18.120	1	18.120	8.863	0.003
Age (years)^a	9.768	1	9.768	4.778	0.030
Baseline FACT-G	24.941	1	24.941	12.199	0.001
Error	421.170	207	2.045		
Corrected total	478.567	212			

a Even as a replacement for age, management plan does not contribute significantly to this model ($p = 0.12$)
 Rows in bold type contribute significantly to the model.

Appendix 6.11 Quality of life between allocated groups: full analysis of covariance comparisons, including effects of covariates but no interaction, at 12 months for FACT-AC

Model component or contrast	Type III sum of squares	df	Mean square	F	Significance
EUS vs non-EUS	0.359	1	0.359	0.240	0.624
Centre (three categories)	0.774	2	0.387	0.260	0.772
(T3, T4 or NR) vs (Tis, T1 or T2)	15.597	1	15.597	1.461	0.001
Age (years)^a	6.454	1	6.454	4.329	0.039
Baseline FACT-AC	28.275	1	28.275	18.964	<0.001
Error	307.141	206	1.491		
Corrected total	358.924	212			

a Even as a replacement for age, management plan does not contribute significantly to this model ($p = 0.25$)
 Rows in bold type contribute significantly to the model.

Appendix 6.12 Quality of life between allocated groups: full analysis of covariance comparisons, including effects of covariates and interaction, at 12 months for EQ-5D

Model component or contrast	Type III sum of squares	df	Mean square	F	Significance
EUS vs non-EUS	0.178	1	0.178	1.325	0.251
Centre (three categories)	0.0144	2	0.072	0.536	0.586
(T3, T4 or NR) vs (Tis, T1 or T2)	0.603	1	0.603	4.481	0.035
Age (years)^a	0.582	1	0.582	3.974	0.039
Baseline EQ-5D	0.751	1	0.751	5.573	0.019
Interaction (allocation group by baseline EQ-5D)	1.206	1	1.206	8.966	0.003
Error	27.571	205	0.135		
Corrected total	31.277	212			

a Management plan does not significantly improve this model, although as a replacement for age it would be significant ($p = 0.048$)

Rows in bold type contribute significantly to the model.

Appendix 6.13 Quality of life between allocated groups: full analysis of covariance comparisons, including effects of covariates and interaction, at 12 months for FACT-G

Model component or contrast	Type III sum of squares	df	Mean square	F	Significance
EUS vs non-EUS	0.780	1	0.780	0.397	0.529
Centre (three categories)	3.306	2	1.653	0.842	0.432
(T3, T4 or NR) vs (Tis, T1 or T2)	3.964	1	11.131	5.672	0.018
Age (years)^a	11.362	1	11.362	5.790	0.017
Baseline FACT-G	20.499	1	20.499	10.446	0.001
Baseline EQ-5D	0.450	1	0.450	0.229	0.633
Interaction (allocation group by baseline EQ-5D)	20.834	1	20.834	10.617	0.001
Error	400.333	204	1.962		
Corrected total	478.567	212			

a Even as a replacement for age, management plan does not contribute significantly to this model ($p = 0.09$).

Rows in bold type contribute significantly to the model.

Appendix 6.14 Quality of life between allocated groups: full analysis of covariance comparisons, including effects of covariates and interaction, at 12 months for FACT-AC

Model component or contrast	Type III sum of squares	df	Mean square	F	Significance
EUS vs non-EUS	0.387	1	0.387	0.270	0.604
Centre (three categories)	1.473	2	0.736	0.513	0.599
(T3, T4 or NR) vs (Tis, T1 or T2)	1.120	1	1.120	7.051	0.009
Age (years)^a	7.609		7.609	5.301	0.022
Baseline FACT-AC	28.148	1	28.148	19.611	< 0.001
Baseline EQ-5D	0.309	1	0.309	0.215	0.643
Interaction (allocation group by baseline EQ-5D)	14.322	1	14.322	9.978	0.002
Error	292.807	204	1.435		
Corrected total	358.924	212			

a Even as a replacement for age, management plan does not contribute significantly to this model ($p = 0.23$). Rows in bold type contribute significantly to the model.

Appendix 6.15 Survival adjusted by FACT-G, by allocated group: Cox regression

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS	0.724	0.514 to 1.020	0.065
Other centres vs (Aberdeen or Gloucester)	1.022	0.696 to 1.501	0.912
Gloucester vs Aberdeen	0.868	0.690 to 1.091	0.224
(T3, T4 or NR) vs (Tis, T1 or T2)	1.294	1.054 to 1.588	0.014
Multimodal plan vs not	1.409	1.142 to 1.739	0.001
Baseline FACT-G	0.617	0.428 to 0.888	0.009

Rows in bold type contribute significantly to the model.

Appendix 6.16 Survival adjusted by FACT-G, by allocated group: Cox regression, including interaction

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS	0.729	0.517 to 1.029	0.073
Other centres vs (Aberdeen or Gloucester)	0.907	0.611 to 1.346	0.628
Gloucester vs Aberdeen	0.878	0.698 to 1.104	0.264
(T3, T4 or NR) vs (Tis, T1 or T2)	1.227	0.997 to 1.510	0.053
Multimodal plan vs not	1.433	1.160 to 1.772	0.001
Baseline FACT-G	0.626	0.410 to 0.956	0.030
Baseline EQ-5D	0.622	0.191 to 2.025	0.431
Interaction EQ-5D and group	14.939	1.825 to 122.28	0.012

Rows in bold type contribute significantly to the model.

Appendix 6.17 Survival adjusted by FACT-AC by allocated group: Cox regression

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS	0.769	0.545 to 1.084	0.134
Other centres vs (Aberdeen or Gloucester)	0.991	0.675 to 1.456	0.964
Gloucester vs Aberdeen	0.911	0.726 to 1.144	0.424
(T3, T4 or NR) vs (Tis, T1 or T2)	1.408	1.137 to 1.743	0.002
Multimodal plan vs not	1.422	1.153 to 1.754	0.001
Baseline FACT-AC	0.557	0.431 to 0.719	<0.001

Rows in bold type contribute significantly to the model.

Appendix 6.18 Survival adjusted by FACT-AC by allocated group: Cox regression with interaction

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS	0.785	0.555 to 1.110	0.170
Other centres vs (Aberdeen or Gloucester)	0.868	0.584 to 1.289	0.482
Gloucester vs Aberdeen	0.938	0.745 to 1.180	0.584
(T3, T4 or NR) vs (Tis, T1 or T2)	1.324	1.066 to 1.645	0.011
Multimodal plan vs not	1.440	1.167 to 1.777	0.001
Baseline FACT-AC	0.534	0.407 to 0.700	<0.001
Baseline EQ-5D	0.850	0.280 to 2.583	0.775
Interaction EQ-5D and group	19.312	2.148 to 173.59	0.008

Rows in bold type contribute significantly to the model.

Appendix 6.19 'Treatment received': Cox regressions for survival (n = 221)

Cox regression for survival: no covariates

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.753	0.534 to 1.062	0.106

Cox regression for survival: covariates, but no interactions

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.697	0.492 to 0.986	0.041
Other centres vs (Aberdeen or Gloucester)	1.013	0.690 to 1.488	0.946
Gloucester vs Aberdeen	0.843	0.671 to 1.058	0.141
(T3, T4 or NR) vs (Tis, T1 or T2)	1.361	1.102 to 1.680	0.004
Multimodal plan vs not	1.413	1.146 to 1.743	0.001
Baseline EQ-5D	0.774	0.299 to 2.003	0.597

Cox regression for survival: with interaction between allocated group and baseline EQ-5D

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.693	0.487 to 0.984	0.041
Other centres vs (Aberdeen or Gloucester)	0.961	0.654 to 1.413	0.841
Gloucester vs Aberdeen	0.853	0.679 to 1.072	0.174
(T3, T4 or NR) vs (Tis, T1 or T2)	1.324	1.060 to 1.621	0.012
Multimodal plan vs not	1.440	1.167 to 1.778	0.001
Baseline EQ-5D	0.685	0.255 to 1.841	0.453
Interaction EQ-5D and group	7.403	0.972 to 56.393	0.053

Appendix 6.20 'Treatment received': Cox regressions for survival adjusted by EQ-5D (n = 213)

Cox regression for survival adjusted by EQ-5D: no covariates

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.753	0.533 to 1.065	0.108

Cox regression for survival adjusted by EQ-5D: covariates, but no interactions

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.711	0.503 to 1.007	0.055
Other centres vs (Aberdeen or Gloucester)	1.039	0.708 to 1.526	0.844
Gloucester vs Aberdeen	0.879	0.699 to 1.104	0.267
(T3, T4 or NR) vs (Tis, T1 or T2)	1.327	1.073 to 1.641	0.009
Multimodal plan vs not	1.392	1.128 to 1.718	0.002
Baseline EQ-5D	0.488	0.198 to 1.204	0.119

Cox regression for survival adjusted by EQ-5D: with interaction between allocated group and baseline EQ-5D

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.718	0.506 to 1.020	0.065
Other centres vs (Aberdeen or Gloucester)	0.964	0.674 to 1.457	0.964
Gloucester vs Aberdeen	0.887	0.706 to 1.115	0.305
(T3, T4 or NR) vs (Tis, T1 or T2)	1.280	1.032 to 1.587	0.024
Multimodal plan vs not	1.406	1.138 to 1.736	0.002
Baseline EQ-5D	0.427	0.166 to 1.098	0.077
Interaction EQ-5D and Group	5.196	0.764 to 35.362	0.092

Appendix 6.21 'Treatment received': Cox regressions for survival adjusted by FACT-G (n = 213)

Cox regression for survival adjusted by FACT-G: no covariates

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.765	0.542 to 1.081	0.129

Cox regression for survival adjusted by FACT-G: covariates, but no interactions

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.698	0.493 to 0.989	0.043
Other centres vs (Aberdeen or Gloucester)	1.050	0.714 to 1.544	0.803
Gloucester vs Aberdeen	0.868	0.690 to 1.091	0.225
(T3, T4 or NR) vs (Tis, T1 or T2)	1.387	1.122 to 1.714	0.002
Multimodal plan vs not	1.405	1.139 to 1.733	0.002
Baseline FACT-G	0.609	0.422 to 879	0.008

Cox regression for survival adjusted by FACT-G: with interaction between allocated group and baseline EQ-5D

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.704	0.495 to 1.001	0.050
Other centres vs (Aberdeen or Gloucester)	0.998	0.678 to 1.469	0.992
Gloucester vs Aberdeen	0.880	0.699 to 1.107	0.274
(T3, T4 or NR) vs (Tis, T1 or T2)	1.339	1.081 to 1.858	0.008
Multimodal plan vs not	1.423	1.152 to 1.757	0.001
Baseline FACT-G	0.609	0.396 to 0.938	0.024
Baseline EQ-5D	0.898	0.278 to 2.901	0.857
Interaction EQ-5D and group	6.425	0.844 to 48.90	0.072

Appendix 6.22 'Treatment received': Cox regressions for survival adjusted by FACT-AC (n = 213)

Cox regression for survival adjusted by FACT-AC: no covariates

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.784	0.555 to 1.108	0.168

Cox regression for survival adjusted by FACT-AC: covariates, but no interactions

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.760	0.536 to 1.084	0.122
Other centres vs (Aberdeen or Gloucester)	0.991	0.674 to 1.456	0.961
Gloucester vs Aberdeen	0.917	0.730 to 1.144	0.454
(T3, T4 or NR) vs (Tis, T1 or T2)	1.415	1.142 to 1.743	0.001
Multimodal plan vs not	1.417	1.150 to 1.754	0.001
Baseline FACT-AC	0.556	0.431 to 0.719	<0.001

Cox regression for survival adjusted by FACT-AC: with interaction between allocated group and baseline EQ-5D

Model component or contrast	Hazard ratio	95% CI	Significance
EUS vs non-EUS (treatment received)	0.766	0.539 to 1.089	0.138
Other centres vs (Aberdeen or Gloucester)	0.934	0.634 to 1.375	0.726
Gloucester vs Aberdeen	0.944	0.750 to 1.190	0.628
(T3, T4 or NR) vs (Tis, T1 or T2)	1.363	1.098 to 1.692	0.005
Multimodal plan vs not	1.433	1.162 to 1.767	0.001
Baseline FACT-AC	0.533	0.405 to 702	<0.001
Baseline EQ-5D	1.246	0.423 to 3.673	0.690
Interaction EQ-5D and group	7.414	0.919 to 59.84	0.060