Supplementary material

Supplementary Table 1. Correlations found between age, time of diagnosis, BMI, number of hospital stays and core EORTC QLQ-C30 results, taking into account the type of cancer: cervical cancer, N = 22 endometrial cancer N = 40.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Physical functioning | Role functioning | Emotional functioning | Cognitive functioning | Social functioning | Global health status/QoL | Fatigue | Nausea and vomiting | Pain | Dyspnoea | Insomnia | Appetite loss | Constipation | Diarrhoea | Financial difficulties |
| Cervical cancer |
| Age | *R* | 0.080 | 0.214 | 0.624 | 0.300 | 0.245 | 0.078 | −0.117 | −0.346 | −0.348 | 0.034 | −0.245 | −0.268 | 0.204 | −0.320 | 0.377 |
| *p* | 0.7230 | 0.3379 | 0.0019\* | 0.1747 | 0.2721 | 0.7310 | 0.6027 | 0.1151 | 0.1130 | 0.8810 | 0.2712 | 0.2273 | 0.3630 | 0.1467 | 0.0833 |
| Time since diagnosis (mon) | *R* | 0.035 | −0.078 | −0.328 | −0.184 | −0.069 | 0.373 | −0.071 | 0.186 | −0.072 | 0.180 | −0.055 | −0.203 | −0.235 | 0.067 | −0.585 |
| *p* | 0.8762 | 0.7291 | 0.1360 | 0.4123 | 0.7607 | 0.0874 | 0.7546 | 0.4081 | 0.7490 | 0.4234 | 0.8079 | 0.3660 | 0.2914 | 0.7671 | 0.0043\* |
| BMI | *R* | 0.283 | 0.541 | 0.457 | 0.573 | 0.610 | 0.519 | −0.464 | −0.549 | −0.471 | −0.207 | −0.250 | −0.454 | 0.086 | −0.515 | −0.107 |
| *p* | 0.2026 | 0.0094\* | 0.0327\* | 0.0053\* | 0.0026\* | 0.0132\* | 0.0297\* | 0.0081\* | 0.0270\* | 0.3551 | 0.2622 | 0.0339\* | 0.7032 | 0.0142\* | 0.6352 |
| No. of previous adjuvant therapy cycles | *R* | −0.115 | −0.191 | −0.198 | −0.354 | −0.130 | 0.129 | 0.109 | 0.455 | 0.063 | 0.076 | 0.003 | 0.109 | 0.064 | −0.089 | −0.349 |
| *p* | 0.6107 | 0.3933 | 0.3764 | 0.1063 | 0.5637 | 0.5669 | 0.6291 | 0.0333\* | 0.7818 | 0.7377 | 0.9906 | 0.6304 | 0.7788 | 0.6922 | 0.1113 |
| Endometrial cancer |
| Age | *R* | −0.323 | 0.146 | 0.113 | −0.024 | 0.167 | −0.288 | 0.123 | 0.148 | 0.193 | 0.170 | −0.210 | 0.017 | −0.134 | 0.059 | 0.010 |
| *p* | 0.0422\* | 0.3681 | 0.4876 | 0.8818 | 0.3032 | 0.0716 | 0.4484 | 0.3626 | 0.2339 | 0.2940 | 0.1936 | 0.9158 | 0.4082 | 0.7157 | 0.9493 |
| Time since diagnosis (mon) | *R* | −0.199 | −0.414 | −0.028 | −0.148 | −0.253 | 0.002 | 0.224 | 0.010 | 0.179 | 0.476 | 0.237 | 0.103 | 0.018 | −0.051 | 0.310 |
| *p* | 0.2191 | 0.0079\* | 0.8636 | 0.3608 | 0.1159 | 0.9923 | 0.1638 | 0.9493 | 0.2685 | 0.0019\* | 0.1405 | 0.5273 | 0.9103 | 0.7534 | 0.0518 |
| BMI | *R* | −0.050 | 0.251 | 0.266 | 0.288 | 0.265 | −0.034 | −0.116 | −0.124 | 0.000 | 0.108 | −0.210 | −0.218 | −0.406 | 0.104 | −0.050 |
| *p* | 0.7570 | 0.1188 | 0.0970 | 0.0714 | 0.0978 | 0.8357 | 0.4777 | 0.4464 | 0.9976 | 0.5079 | 0.1939 | 0.1757 | 0.0094\* | 0.5219 | 0.7581 |
| No. of previous adjuvant therapy cycles | *R* | −0.202 | −0.224 | 0.027 | −0.156 | −0.180 | 0.067 | 0.245 | 0.169 | 0.051 | 0.210 | 0.109 | 0.031 | 0.040 | −0.001 | 0.098 |
| *p* | 0.2124 | 0.1653 | 0.8682 | 0.3364 | 0.2669 | 0.6830 | 0.1272 | 0.2963 | 0.7561 | 0.1929 | 0.5049 | 0.8484 | 0.8070 | 0.9955 | 0.5476 |

\*Statistically significant values. QoL: quality of life; BMI: Body Mass Index; No.: number.

Supplementary Table 2a. Correlations between selected interview data and data from the core EORTC QLQ-C30 questionnaire in cervical cancer N = 22.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EORTC QLQ-C30 Cervical cancerData from the medical history | Physical functioning | Role functioning | Emotional functioning | Cognitive functioning | Social functioning | Global health status/QoL | Fatigue | Nausea and vomiting | Pain | Dyspnoea | Insomnia | Appetite loss | Constipation | Diarrhoea | Financial difficulties |
| Professional activity |
|  | Yes | Mean | 86.67 | 83.33 | 39.58 | 87.50 | 83.33 | 77.08 | 19.44 | 4.17 | 12.50 | 0.00 | 33.33 | 8.33 | 16.67 | 8.33 | 8.33 |
| SD | 14.40 | 19.25 | 25.80 | 15.96 | 13.61 | 7.98 | 13.98 | 8.33 | 15.96 | 0.00 | 27.22 | 16.67 | 33.33 | 16.67 | 16,67 |
| No | Mean | 59.63 | 56.48 | 49.07 | 67.59 | 50.00 | 45.83 | 57.41 | 30.56 | 46.30 | 33.33 | 53.70 | 38.89 | 42.59 | 24.07 | 35.19 |
| SD | 29.06 | 33.40 | 32.95 | 25.23 | 38.77 | 26.55 | 32.62 | 33.46 | 33.60 | 41.22 | 34.56 | 36.60 | 37.58 | 35.80 | 35.19 |
| *p* | 0.0807 | 0.1408 | 0.7120 | 0.1662 | 0.1952 | 0.0194\* | 0.0257\* | 0.1178 | 0.0659 | 0.1408 | 0.3002 | 0.1662 | 0.2269 | 0.5936 | 0.1952 |
| Without comorbidities |
|  | No | Mean | 74.00 | 75.00 | 62.50 | 81.67 | 66.67 | 61.67 | 34.44 | 15.00 | 28.33 | 16.67 | 43.33 | 30.00 | 46.67 | 16.67 | 30.00 |
| SD | 23.40 | 23.90 | 19.74 | 18.34 | 38.49 | 24.28 | 24.26 | 22.84 | 26.12 | 32.39 | 31.62 | 29.19 | 32.20 | 28.33 | 33.15 |
| Yes | Mean | 56.67 | 50.00 | 34.72 | 62.50 | 47.22 | 43.06 | 63.89 | 34.72 | 50.00 | 36.11 | 55.56 | 36.11 | 30.56 | 25.00 | 30.56 |
| SD | 31.33 | 35.53 | 34.42 | 26.71 | 36.12 | 27.26 | 34.86 | 36.56 | 36.93 | 43.71 | 35.77 | 41.34 | 41.34 | 37.94 | 36.12 |
| *p* | 0.2543 | 0.1072 | 0.0426\* | 0.0931 | 0.1802 | 0.1593 | 0.0426\* | 0.1593 | 0.1802 | 0.3463 | 0.4176 | 0.8718 | 0.2829 | 0.6744 | 0.9742 |
| Radiochemotherapy |
|  | No | Mean | 62.00 | 68.33 | 65.83 | 76.67 | 63.33 | 57.50 | 50.00 | 21.67 | 26.67 | 30.00 | 50.00 | 30.00 | 53.33 | 10.00 | 46.67 |
| SD | 28.47 | 25.40 | 23.06 | 16.10 | 38.33 | 21.32 | 30.20 | 23.64 | 19.56 | 39.91 | 28.33 | 33.15 | 39.13 | 22.50 | 35.83 |
| Yes | Mean | 66.67 | 55.56 | 31.94 | 66.67 | 50.00 | 46.53 | 50.93 | 29.17 | 51.39 | 25.00 | 50.00 | 36.11 | 25.00 | 30.56 | 16.67 |
| SD | 30.08 | 37.83 | 29.69 | 30.15 | 37.61 | 31.07 | 37.14 | 38.35 | 39.22 | 40.51 | 38.92 | 38.82 | 32.18 | 38.82 | 26.59 |
| *p* | 0.7223 | 0.5387 | 0.0090\* | 0.4965 | 0.3136 | 0.4965 | 0.9229 | 0.9229 | 0.1402 | 0.6277 | 1.0000 | 0.7713 | 0.0931 | 0.2276 | 0.0503 |

\*Statistically significant values. EORTC: European Organization for Research and Treatment of Cancer; QLQ: quality of life questionnaire; SD: standard deviation.

Supplementary Table 2b. Correlations between selected interview data and data from the core EORTC QLQ-C30 questionnaire in endometrial cancer N = 40.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EORTC QLQ-C30Endometrial cancerData from the medical history | Physical functioning | Role functioning | Emotional functioning | Cognitive functioning | Social functioning | Global health status/QoL | Fatigue | Nausea and vomiting | Pain | Dyspnoea | Insomnia | Appetite loss | Constipation | Diarrhoea | Financial difficulties |
| Coexisting diabetes |
|  | No | Mean | 79.08 | 75.29 | 73.56 | 83.33 | 64.37 | 60.06 | 28.74 | 13.22 | 18.39 | 5.75 | 35.63 | 17.24 | 26.44 | 10.34 | 28.74 |
| SD | 15.71 | 25.83 | 21.02 | 18.90 | 29.45 | 21.98 | 20.25 | 22.88 | 22.86 | 15.61 | 19.78 | 26.16 | 27.28 | 23.74 | 27.78 |
| Yes | Mean | 60.00 | 63.64 | 68.18 | 72.73 | 60.61 | 38.64 | 48.48 | 7.58 | 42.42 | 15.15 | 33.33 | 27.27 | 18.18 | 21.21 | 39.39 |
| SD | 27.65 | 30.57 | 19.66 | 28.16 | 33.56 | 23.65 | 29.93 | 20.23 | 38.27 | 17.41 | 39.44 | 32.72 | 22.92 | 30.81 | 32.72 |
| *p* | 0.0444\* | 0.2178 | 0.4729 | 0.3225 | 0.7883 | 0.0180\* | 0.0640 | 0.6328 | 0.0555 | 0.1479 | 0.4366 | 0.3852 | 0.4546 | 0.2539 | 0.3689 |
| Coexisting hipertension |
|  | No | Mean | 80.78 | 65.69 | 74.02 | 81.37 | 53.92 | 63.73 | 31.37 | 4.90 | 19.61 | 7.84 | 41.18 | 15.69 | 25.49 | 9.80 | 33.33 |
| SD | 17.30 | 29.74 | 15.56 | 21.15 | 26.04 | 17.16 | 22.30 | 11.43 | 28.40 | 14.57 | 18.74 | 29.15 | 25.08 | 25.72 | 33.33 |
| Yes | Mean | 68.70 | 76.81 | 70.65 | 79.71 | 70.29 | 47.10 | 36.23 | 16.67 | 28.99 | 8.70 | 30.43 | 23.19 | 23.19 | 15.94 | 30.43 |
| SD | 22.60 | 24.99 | 23.82 | 23.00 | 31.76 | 26.43 | 26.43 | 26.59 | 30.24 | 18.03 | 30.01 | 27.40 | 27.40 | 26.34 | 26.43 |
| *p* | 0.0900 | 0.3022 | 0.8925 | 0.9784 | 0.0548 | 0.0148\* | 0.5697 | 0.3563 | 0.2315 | 0.9784 | 0.1335 | 0.2895 | 0.7049 | 0.3855 | 0.9569 |
| Without comorbidities |
|  | No | Mean | 69.76 | 73.81 | 72.02 | 78.57 | 67.86 | 49.40 | 36.51 | 14.29 | 29.17 | 10.71 | 34.52 | 22.62 | 23.81 | 16.67 | 29.76 |
| SD | 23.97 | 27.38 | 22.36 | 24.79 | 33.00 | 25.35 | 27.86 | 24.73 | 31.63 | 18.27 | 30.74 | 30.16 | 27.00 | 29.40 | 29.17 |
| Yes | Mean | 83.33 | 68.06 | 72.22 | 84.72 | 52.78 | 65.28 | 28.70 | 5.56 | 15.28 | 2.78 | 36.11 | 13.89 | 25.00 | 5.56 | 36.11 |
| SD | 6.03 | 27.94 | 16.41 | 13.22 | 19.89 | 17.35 | 13.78 | 12.97 | 21.86 | 9.62 | 9.62 | 22.29 | 25.13 | 12.97 | 30.01 |
| *p* | 0.1819 | 0.5899 | 0.7599 | 0.8046 | 0.0645 | 0.0421\* | 0.5699 | 0.4749 | 0.1819 | 0.3132 | 0.5502 | 0.4749 | 0.8272 | 0.4055 | 0.5699 |
| Other comorbidities |
|  | No | Mean | 78.33 | 76.04 | 75.78 | 85.94 | 69.79 | 57.81 | 29.51 | 10.94 | 18.75 | 4.17 | 31.25 | 16.67 | 20.83 | 10.42 | 29.17 |
| SD | 15.97 | 25.73 | 18.25 | 16.99 | 26.59 | 22.99 | 17.76 | 22.24 | 22.70 | 11.20 | 23.85 | 22.40 | 23.57 | 17.84 | 27.76 |
| Yes | Mean | 55.83 | 56.25 | 57.29 | 58.33 | 37.50 | 39.58 | 52.78 | 14.58 | 50.00 | 25.00 | 50.00 | 33.33 | 37.50 | 25.00 | 41.67 |
| SD | 30.01 | 29.46 | 23.75 | 26.73 | 31.81 | 24.70 | 38.38 | 22.60 | 40.82 | 23.57 | 30.86 | 43.64 | 33.03 | 46.29 | 34.50 |
|  | *p* | 0.0465\* | 0.0699 | 0.0506 | 0.0061\* | 0.0166\* | 0.0947 | 0.1256 | 0.5838 | 0.0426\* | 0.0247\* | 0.1854 | 0.4747 | 0.2092 | 0.8814 | 0.3774 |

\*Statistically significant values. EORTC: European Organization for Research and Treatment of Cancer; QLQ: quality of life questionnaire; SD: standard deviation.