Additional file 1 Dynamic changes of complete blood counts and immune parameters pre-RT and post-RT

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| Parameter | Pre-RT | Post-RT | P value |
| Platelet count | 184.44 ±85.20 | 135.20 ±58.66 | <0.001 |
| Lymphocyte count | 4.53 ±4.74 | 3.44 ±3.90 | <0.001 |
| Neutrophil count | 1.91 ±10.52 | 1.14 ±4.30 | 0.298 |
| PLR | 168.28 ±150.25 | 353.96 ±450.60 | <0.001 |
| NLR | 4.52 ±6.05 | 9.26 ±13.77 | <0.001 |
| SII | 849.16 ±1323.86 | 1261.09 ±2206.24 | <0.001 |

Data are mean ± standard deviation.

PLR= platelet count/lymphocyte count; NLR=neutrophil count/lymphocyte count; SII = platelet count× neutrophil count/lymphocyte count. Pre-RT, before radiotherapy; Post-RT, 1 month after radiotherapy.