**Supplementary Materials:**

 **Table S1**: Patient histology

|  |
| --- |
| **Histology at 1st diagnosis** *n (%)* |
| CIS | 3 (4) |
| Ta | 48 (62) |
| T1 | 16 (21) |
| T2-3 | 10 (13) |
| **Grading at 1st diagnosis** *n (%)* |
| CIS | 3 (4) |
| 1 | 27 (35) |
| 2 | 26 (33) |
| 3 | 22 (28) |
| **WHO 2004** *n (%)* |
| Low grade |  40 (51) |
| High grade |  35 (45) |
| Missing |  3 (4) |

**Table S2:** Performances of FBC and UPY in urological controls

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Controls****N=115** | **FBC** (ng/µl)(mean± SD) | **UPY (**SU)(mean± SD) |
| **Urological controls,** *n (%)* | 20 (17.4) | 0.015 ± 0.017 | 101,3 ± 105,7 |
| **Urological controls with haematuria,** *n (%)* | 9 (7.8) | 0.008 ± 0.001 | 77 ± 59.4 |
| **Urological controls + controls with haematuria,** *n (%)* | 29 (25.2) | 0.013 ± 0.014 | 93.8 ± 93.4 |
| **Healthy controls** *n (%)* | 86 (74,8) | 0.025 ± 0.032 | 135.94 ± 114.26 |