**Table 1. Changes over time in serum creatinine levels and glomerular filtration rate in the patient T.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter | Year | | | | | | |
| 2011 | 2012 | 2015 | 2016 | 2019 | 2020 | 2022 |
| Creatinine, mcmol/L | 139.0 | 132.6 | 184.4 | 174.4 | 195.7 | 231.8 | 199.3 |
| Glomerular filtration rate, EPI, mL/min/1,73 m2 | 53 | 56 | 44 | 41 | 35 | 32 | 33 |

**Table 2. Changes over time in the parameters of phosphorus and calcium metabolism in the patient T.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter (reference range) | Year | | | | | | |
| 2011 | 2012 | 2015 | 2016 | 2019 | 2020 | 2022 |
| PTH, pg/mL (15.0–65.0) | 135.4 | – | – | – | 138.8 | – | 258.0 |
| 25-ОН vitamin D, ng/mL (30–100.0) | – | – | – | – | 7.4 | – | < 7 |
| Total calcium, mmol/L (2.15–2.55) | 2.36 | 2.36 | – | 2.37 | 2.44 | 2.46 | 2.37 |
| Ionized calcium, mmol/L (1.03–1.29) | 1.09 | 1.12 | 1.24 | 1.09 | 1.20 | 1.13 | 1.16 |
| Alkaline phosphatase, U/L (40.0–150.0) | 190.7 | 78.0 | 104.0 | 80.0 | 79.0 | 77 | 91.0 |
| Phosphorus, mmol/L (0.74–1.52) | 1.2 | 1.05 | 0.98 | 1.44 | 1.14 | 0.93 | 1.45 |
| Uric acid, mcmol/L (202–416) | 585.4 | 618.1 | – | 439.0 | 430.6 | 602.88 | 350.3 |

PTH, parathyroid hormone