**Supplement table no. 7: Course of disease case no. 7**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Date** | **Therapy** | **Staging** |
| **2012** | 04/2012 |  | mixed adeno-neuroendocrine carcinoma  Synaptophysin+, CD56+, PD-L1 – |
|  | 04/2012 | right- and left hemicolectomy |  |
|  | 04-08/12 | cisplatin/etoposide |  |
| **2015** | 0672015 |  | isolated metastasis of diaphragm |
|  | 09/2015 | resection of diaphragm metastasis |  |
|  | 09/2015 |  | PD with ileal lymph nodes, liver and pleural metastases |
| **2016** | 09/16-01/17 | FOLFOX |  |
| **2017** | 01-10/2017 | FOLFIRI |  |
|  | 10/2017 |  | PD |
|  | 12/2017 | diagnostic laparoscopy | SNV in MSH2, MSH6, POLE NR-21, BAT-26, BAT-25, NR-24, Mono-27 |
| **2018** | 03-09/2018 | pembrolizumab |  |
|  | 06/2018 |  | SD |
|  | 12/2018 |  | PD |
|  | 11/2018 | radiotherapy of pleural metastases |  |
|  |  |  | SD |
|  | 11/2018-06/2019 | CAP/TEM |  |
| **2019** | 11/2019 |  | PD |

Progressive disease (PD), CAP/TEM (capecitabin/temozolomide), SNV (Single nucleotide variant)