**Table 7** ALPPS cases in adult patients with other malignant secondary liver pathologies

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Case | Author | Ref | Year | Affiliation | Country | Study period | N | Age (yrs) | Sex (M:F) | Primary disease | Tumor size | Number of lesions | Primary lesion location | neoadjuvant treatment | Type of liver resection | MILS | Days 1-2 stage | FLR pre1 | FLR post1 | FLR hypertrophy | CD post-2 | LOS post-2 | 30-day mortality | Adjouvant treatment | Overall survival | Recurrence |
| 1 | Alvarez | (32) | 2015 | Buenos Aires | Argentina | Jun 2011–Apr 2014 | 1 | – | – | Breast cancer metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | No |
| 2 | Alvarez | (32) | 2015 | Buenos Aires | Argentina | Jun 2011–Apr 2014 | 1 | – | – | Leiomyosarcoma metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | No |
| 3 | Alvarez | (32) | 2015 | Buenos Aires | Argentina | Jun 2011–Apr 2014 | 1 | – | – | Esophagus cancer metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | Yes |
| 4 | Enne | (45) | 2017 | ALPPS Registry | International | Oct 2012–Nov 2015 | 1 | – | – | Non CRLM | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 5 | Jiao | (34) | 2019 | London | UK | Jul 2015–Oct 2017 | 1 | – | – | Germ cell ovarian tumor metastasis | – | – | – | – | RALPPS | Yes | – | – | – | – | – | – | – | – | – | – |
| 6 | Jiao | (34) | 2019 | London | UK | Jul 2015–Oct 2017 | 1 | – | – | Endometrial carcinoma metastasis | – | – | – | – | RALPPS | Yes | – | – | – | – | – | – | – | – | – | – |
| 7 | Jiao | (34) | 2019 | London | UK | Jul 2015–Oct 2017 | 1 | – | – | Breast cancer metastasis | – | – | – | – | RALPPS | Yes | – | – | – | – | – | – | – | – | – | – |
| 8 | Jiao | (34) | 2019 | London | UK | Jul 2015–Oct 2017 | 1 | – | – | Leiomyosarcoma metastasis | – | – | – | – | RALPPS | Yes | – | – | – | – | – | – | – | – | – | – |
| 9 | Lang | (46) | 2015 | Regensburg | Germany | Sep 2007–Feb 2014 | 1 | – | – | Malignant paraganglioma metastasis | – | – | – | Vinblastine/isfosphamide/cisplatin/epirubicine | – | – | – | – | – | – | – | – | – | No | Death (recurrence) | Yes |
| 10 | Lang | (46) | 2015 | Regensburg | Germany | Sep 2007–Feb 2014 | 1 | – | – | Cervix cancer emtastasis | – | – | – | No | – | – | – | – | – | – | – | – | – | No | Death (recurrence) | Yes |
| 11 | Lang | (46) | 2015 | Regensburg | Germany | Sep 2007–Feb 2014 | 1 | – | – | Cervix cancer emtastasis | – | – | – | Trastuzumab | – | – | – | – | – | – | – | – | – | No | Alive | Yes |
| 12 | Lunardi | (47) | 2018 | Pisa | Italy | Jun 2015–Apr 2016 | 1 | – | – | Parotid adenoid cystic carcinoma metastasis | – | – | – | Yes | PISA | No | 21 | 460 | 790 | 72 | 0 | 14 | No | – | Alive 3 months | – |
| 13-14 | Machado | (19) | 2017 | São Paulo | Brazil | Jul 2011–Jun 2016 | 2 | – | – | Sarcoma metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15-16 | Olthof | (48) | 2017 | – | International | Jun 2011–Aug2016 | 2 | – | – | Bladder cancer liver metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 17 | Olthof | (48) | 2017 | – | International | Jun 2011–Aug2016 | 1 | – | – | Melanoma liver metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 18-19 | Petrowsky | (27) | 2015 | Zurich | Switzerland | Oct 2012–Jun 2014 | 2 |  | – | Other secondary liver tumor | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 20 | Robles | (42) | 2014 | Murcia | Spain | Sep 2011–Mar 2013 | 1 | – | – | Clear cell kidney carcinoma | – | – | Whole right lobe | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 21 | Robles | (42) | 2014 | Murcia | Spain | Sep 2011–Mar 2013 | 1 | – | – | Clear cell kidney carcinoma | – | – | Bilobar | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 22 | Røsok | (14) | 2016 | Scandinavia | International | Oct 2012–Mar 2014 | 2 | 22 | F | Wilms tumor metastases | 3.4 | 4 | – | – | – | – | – | – | – | – | – | – | – | – | Death (7.1 mo) | – |
| 23 | Røsok | (14) |  | Scandinavia | International |  |  | 71 | F | Ocular melanoma metastases | 6.6 | 2 | – | – | – | – | – | – | – | – | – | – | – | – | Alive (4.2 mo) | No |
| 24 | Sanei | (43) | 2017 | Ahvaz | Iran | Jun 2013–Mar 2014 | 1 | 56 | M | Bronchial carcinoid tumor | – | – | Right lobe +S1- S4 | – | Right trisectionectomy | – | 7 | – | – | – | 0 | – | No | No | Alive (40 mo) | No |
| 25 | Schnitzbauer | (2) | 2012 | Germany | Multicentre | Sep 2007–Jan 2011 | 1 | – | – | Ovarian cancer metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 26 | Schnitzbauer | (2) | 2012 | Germany | Multicentre |  | 1 | – | – | Gastric cancer metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 27-37 | Schadde | (22) | 2014 | ALPPS Registry | International | 2010–2013 | 11 | – | – | Others | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 38 | Stavrou | (28) | 2017 | Hamburg | Germany | Mar 2015–Mar 2017 | 1 | – | – | duodenal cancer metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 39 | Tomassini | (49) | 2018 | Ghent | Belgium | Jun 2013–Jul 2017 | 1 | – | – | Meningeal melanoma metastasis | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 40 | Troja | (44) | 2014 | Oldenburg | Germany | 2010–2014 | 1 | 65 | M | Barrett cancer metastasis | – | – | – | Cisplatin/5-FU | Right trisectionectomy | – | 14 | – | – | – | Iid | 69 | No | – | Alive (2 mo) | Yes (1 mo) |
| 41-42 | Truant | (24) | 2015 | France–Belgium | International | Apr 2011–Sep 2013 | 2 | – | – | Others | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 43 | Ulmer | (50) | 2017 | Aachen | Germany | Jul 2011–Apr 2015 | 1 | 54 | M | Hypopharyngeal cancer metastasis | – | – | – | Carbo - Cis - docetaxel - cetuximab | – | – | – | – | – | – | II | – | – | – | – | – |