|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Yamashita et al.** | | **Wang et al.** | | **Goffredo et al.** | | **Gagniere et al.** | | | | **Margonis et al.** | | | | **Kim et al.** | | **Chen et al.** | | | | **De Santibanes et al.** | | **French et al** | |
| **Publication year** | 2018 | | 2018 | | 2018 | | 2018 | | | | 2019 | | | | 2020 | | 2020 | | | | 2019 | | 2018 | |
| **Country** | USA | | China | | USA | | USA | | | | USA | | | | South Korea | | Taiwan | | | | Argentina | | France | |
| **Study type** | Single | | Single | | Population | | Multicenter | | | | Multicenter | | | | Single | | Single | | | | Population | | Single | |
| **Design** | Retrospective | | Retrospective | | Retrospective | | Retrospective | | | | Retrospective | | | | Retrospective | | Retrospective | | | | Retrospective | | Retrospective | |
| **Interval of data collection** | Nov 1990 – Feb 2015 | | Jan 2002 - Dec 2015 | | Jan 2010 -  Dec 2015 | | Jan 2001 -  Dec 2016 | | | | Jan 2000 -  Dec 2016 | | | | Jan 2006 -  Dec 2015 | | - | | | | - | | Jan 2001 -  Dec 2016 | |
| **Total patients** | 725 | | 420 | | 2665 | | 775 | | | | 1137 | | | | 227 | | 336 | | | | 595 | | 695 | |
| **Median FU** | 27 months | | 26 months | | NR | | 53.1 months | | | | 26.13 months | | | | 43.4 months | | 39.5 months | | | | 16.73 months | | 46.13 months | |
| **KRAS mutated** | 262 | | 97 | | 1116 | | 299 | | | | 297 | | | | 78 | | 124 | | | | 147 | | 304 | |
|  | Right | Left | Right | Left | Right | Left | Right | | | Left | Right | | | Left | Right | Left | Right | | | Left | Right | Left | Right | Left |
| 92 | 170 | 29 | 68 | 651 | 465 | 112 | | 187 | | 124 | | 173 | | 21 | 57 | 41 | | 83 | | 31 | 116 | 180 | 124 |
| **KRAS wild type** | 463 | | 233 | | 1539 | | 476 | | | | 840 | | | | 149 | | 212 | | | | 448 | | 391 | |
|  | Right | Left | Right | Left | Right | Left | Right | | Left | | Right | | Left | | Right | Left | Right | | Left | | Right | Left | Right | Left |
| 146 | 317 | 38 | 195 | 541 | 998 | 99 | 377 | | | 200 | 640 | | | 20 | 129 | 28 | 184 | | | 82 | 366 | 240 | 151 |

**eTable 1.** Study characteristics and variable of interest.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Yamashita et al.** | | **Wang et al.** | | **Goffredo et al.** | | | **Gagniere et al.** | | | **Margonis et al.** | | | **Kim et al.** | | **Chen et al.** | | **De Santibanes** | | | | | **French** | | | | |
| **Age, median** [**interquartile range] /**  **Age, mean ± SD** | 58 [50-65] | | NR | | NR | | | NA | | | 61 [51 - 68] | | | NR | | NR | | 67  [59 – 75] | | | | | 59.6  [51.6 – 67.9] | | | | |
|  | Right | Left | Right | Left | Right | | Left | Right | | Left | Right | | Left | Right | Left | Right | Left | Right | | | Left | | Right | | | Left | |
| 56 [49-64] | 58 [50-66] | 58.5 [49.7-65.0] | 57.0 [49.7-64.0] | NR | | NR | NA | | NA | 63.8  [55.0 - 71.5] | | 59.1  [49.7 - 66.6] | 59.8 ± 12.2 | 57.6 ± 10.3 | 63.9 [61.2–66.7] | 61 [59–63] | 70  [63.5 - 77.5] | | 67  [58 - 74] | | | 59.3  [51.3 - 67.9] | | 60.3  [52.0 - 68.0] | | |
| **Gender (females %)** | 41.79% | | 38.80% | | 46.25% | | | NA | | | 36.05% | | | 34.36% | | 35.17% | | 41.37% | | | | | 42.87 | | | | |
|  | Right | Left | Right | Left | Right | | Left | Right | | Left | Right | | Left | Right | Left | Right | Left | Right | | Left | | | Right | | Left | | |
| |  |  | | --- | --- | |  |  |   44.53% | 40.45% | 53.5% | 35.0% | NR | | NR | NA | | NA | 43.82% | | 32.96% | 43.9% | 32.3% | 44% | 33.00% | 43.11% | | 43.18% | | | 48.09 | | 34.90 | | |
| **Presentation of liver metastasis (synchronous %)** | 74.06% | | 51.19% | | 100% | | | 64.38% | | | 48.25% | | | 100% | | 63.25% | | 62.39% | | | | | 53.38% | | | | |
| **Number of liver metastases**  **Median [IQR] OR Multiple %** | Reported but on different\* | | NR | | NR | | | 2 [1- 4] | | | 2 [1 - 3] | | | Reported but on different\* | | Reported but on different\* | | 3[1 - 4] | | | | 2 [1 – 3] | | | | |
|  |  | | Right | Left | Right | Left | | Right | Left | | Right | Left | | NR\* | | NR\* | | Right | Left | | | Right | | Left | | |
|  |  | | 2 (1-3.5) | 2 (1-4) | NR | NR | | 2 [1- 3] | 2 [1- 4] | | 2 [1 - 3] | 2 [1 - 4] | | NR\* | | NR\* | | 3[1-4] | 3[1 – 4] | | | 2 [1 – 3] | | 2 [1 – 3] | | |
| **Concurrent extrahepatic disease** | NR | | 11.90% | | NR | | | 8.68% | | | 10.85% | | | NR | | 0% | | 18.32% | | | | 7.19 | | | | |
|  |  | | Right | Left | Right | Left | | Right | Left | | Right | Left | | NR | | 0% | | Right | Left | | | Right | | Left | | |
|  |  | | 12.7% | 11.6 | NR | NR | | 9.47% | 8.25% | | 11.80% | 10.47% | | NR | | 0% | | 18.01% | 21.15% | | | 5.71 | | 8.18 | | |
| **R0 resections (n,%)** | 92.82% | | NR | | 85.72% | | | 89.41% | | | 80.24 | | | 79.73% | | 98.15% | | 98.87% | | | | 95.25% | | | | |
| **Adjuvant chemotherapy** | 66.20% | | 56.7% | | 90.88% | | | 93.19% | | | 58.34% | | | 91.62% | | 85.03 | | 30.25% | | | | 96.47% | | | | |