Liver resection in patients (pts) treated with 1st line chemotherapy (CT) for metastatic colorectal cancer (mCRC) from Japanese cross-sectional and cohort study (EMERALD study).

Evaluation of first-line treatment for Metastatic colorectal cancer, Especially Resection of Liver metastasis and Long survival, in Japanese Database

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Liver metastases

- 672 pts had liver mets among 1,005 pts.
- 362 pts had liver limited disease.

Liver resection

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Results

- Overall response rate: 58.6% (95%CI:53-63.7%)
- 6-month PFS rate: 85.1% (95%CI:81-89.0%)

Conclusion

- Liver resection rate was not different from previous reports.
- Observational cohort reported higher liver resection rate, which might result from including cohort received neo-adjuvant chemo.

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6-month PFS rate: 85.1% (95%CI:81-89.0%)

Summary

- 362 pts had liver limited disease among 1,005 pts.
- 88 pts (24.3%) received liver resection followed by 1st line chemo at 6 months. 77 pts (21.3%) had R0 liver resection.
- As a result of multivariate analysis, the following variables at baseline were associated to liver resection: no of liver mets and response to 1st line chemo.
- For the number of liver mets, the Receiver Operating Characteristic analysis identified a cut-off value of (1-5/6) to distinguish between pts with or without liver resection.

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