Circulating tumor DNA for prognosis assessment and postoperative

management after curative-intent resection of colorectal liver metastases

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Table of content (Supplementary content)

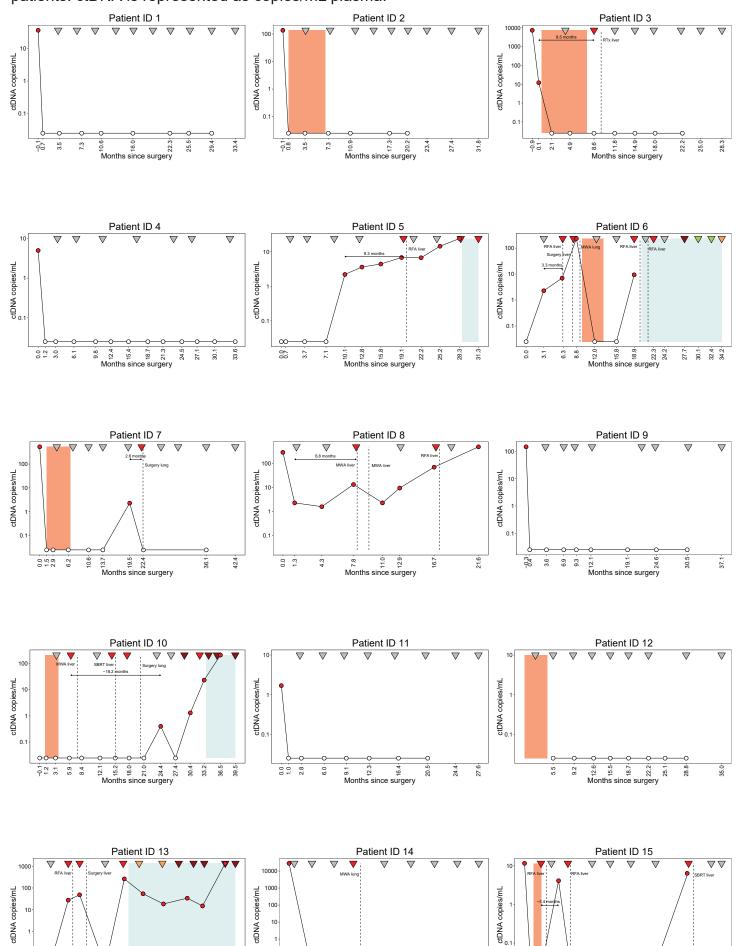
Supplementary Tabels S1 to S8 (Available in separate Excel file) Supplementary Figure S1 Supplementary Figure S2

Supplementary Figure S3

Supplementary Figure S4

Suppl. Figure S1. Detailed ctDNA results and disease course information.

Detailed disease courses, applied treatment, and longitudinal ctDNA analyses for all 68 patients. ctDNA is represented as copies/mL plasma.



0.1

0.0

3.0

6.6

Months since surgery

19.6 22.8 25.7 Months since surgery

31.4 -

36.0-38.0-

-0.2 1.0

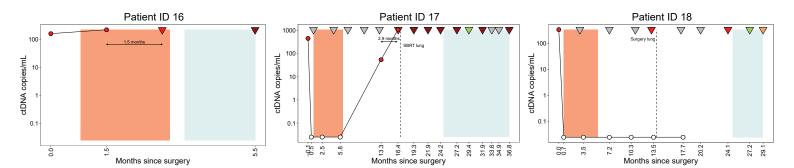
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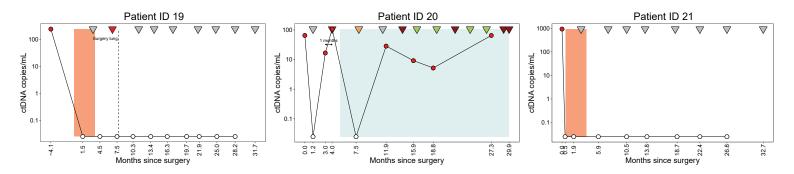
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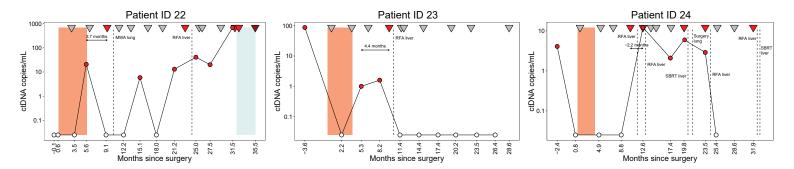
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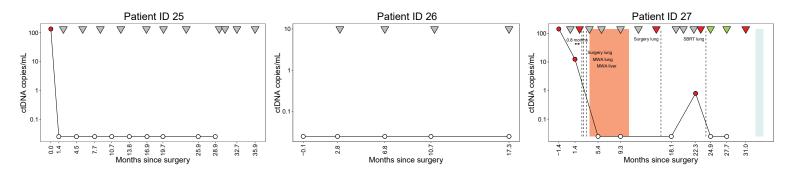
4.5 -6.5 - Months since surgery

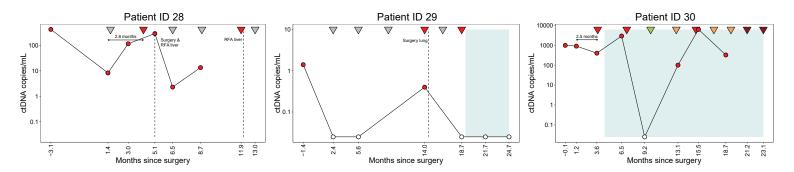
25.5 28.2 32.2

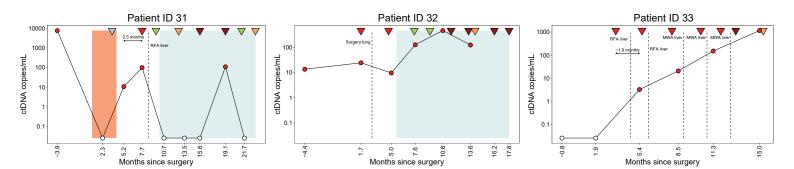


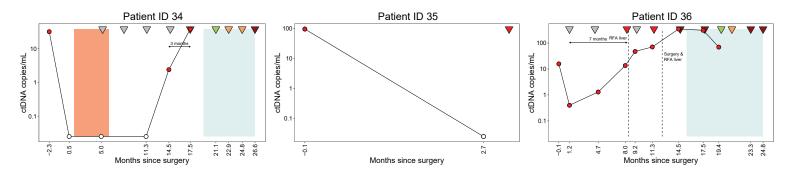


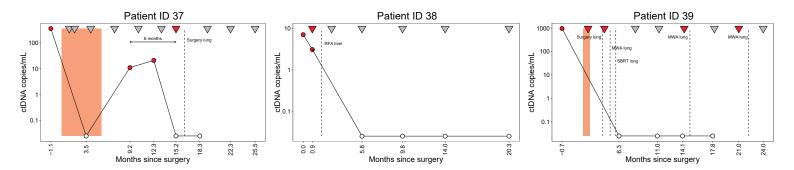


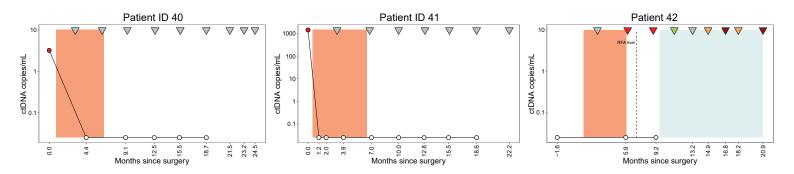


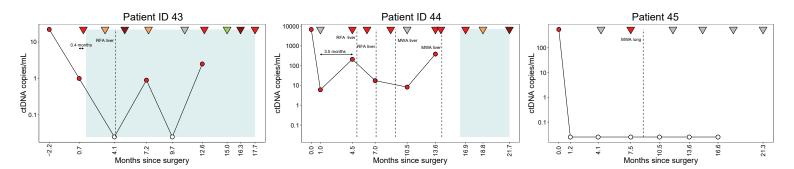


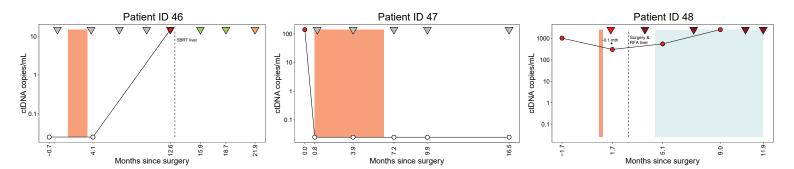


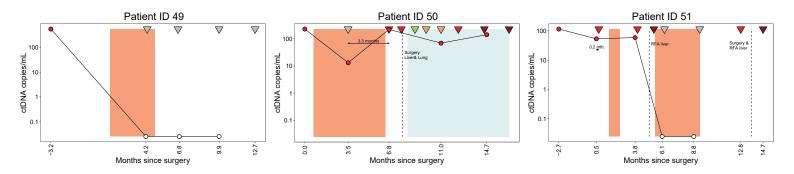


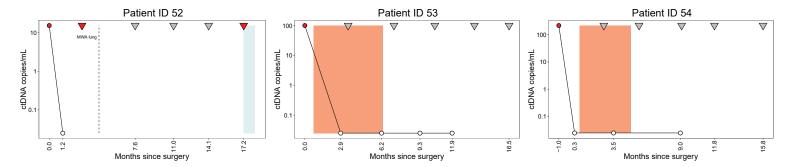


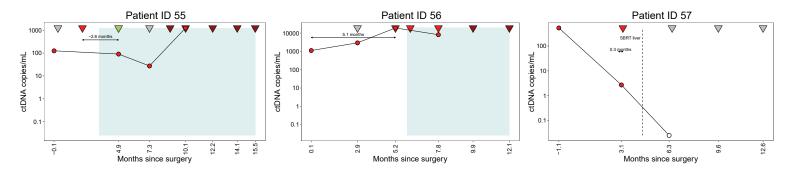


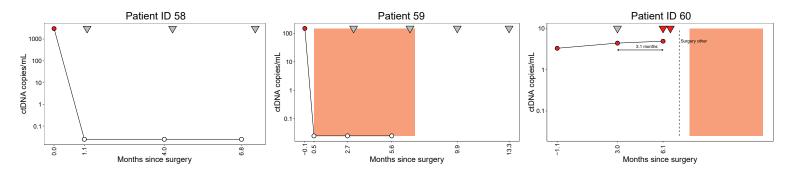


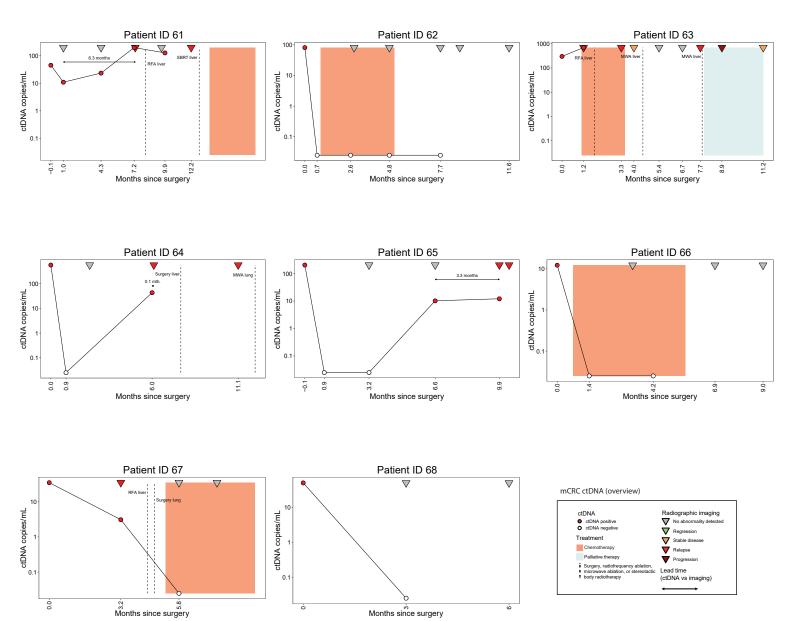








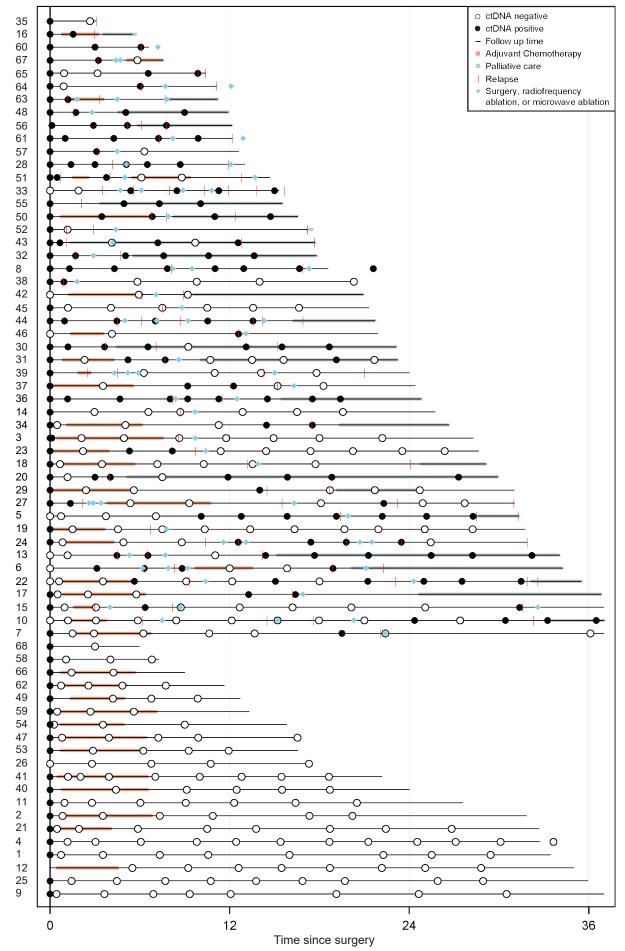




Months since surgery

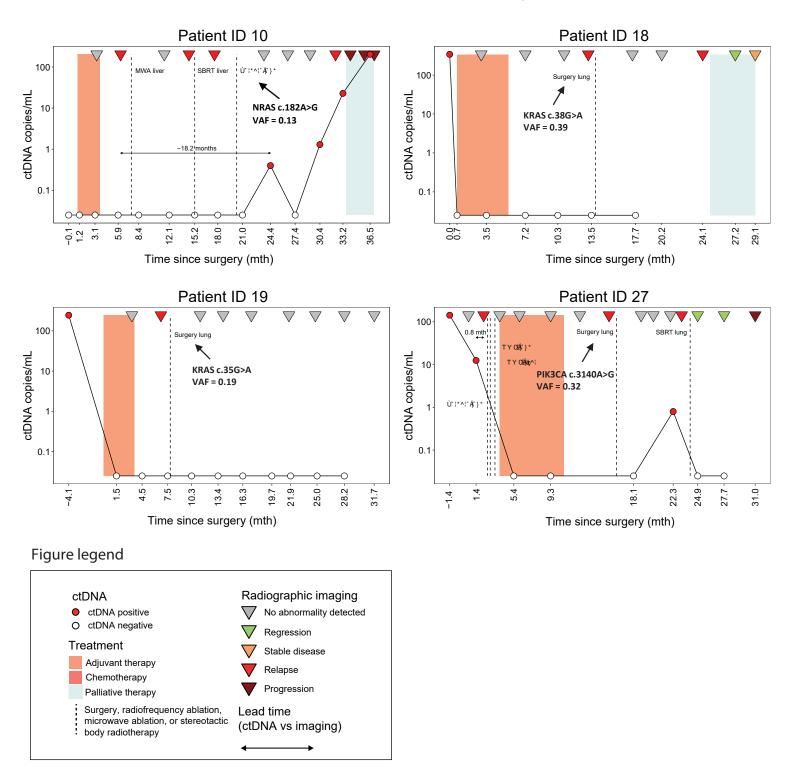
Suppl. Figure S2. ctDNA profiling results for all patients analyzed during

the study. Patients are ordered by recurrence status. Patients were considered positive if one or more plasma samples postdefinitive treatment was ctDNA-positive. Generally, longitudinal analysis revealed persistent ctDNA positivity in serial samples, with ctDNA status changing only in case of clinical intervention. Patients are sorted by relapse status and follow-up length.



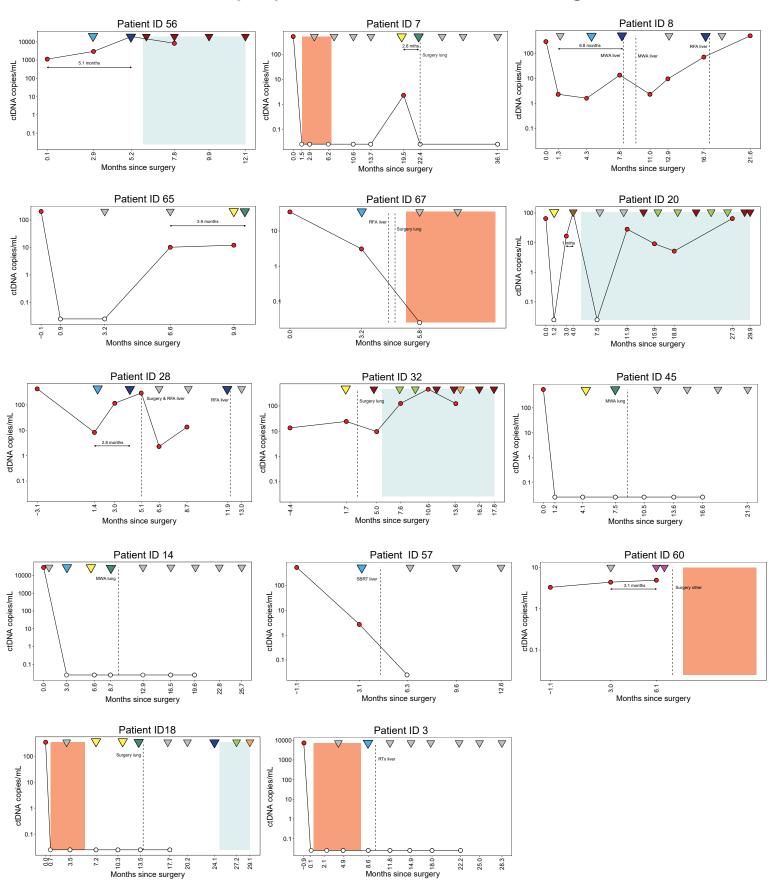
Suppl. Figure S3. Lung metastasis undetected by plasma ctDNA monitoring. Four

patients that were ctDNA negative in the period up to diagnosis and surgical treatment for lung metastasis. Mutations used as ctDNA markers were identified in the primary liver metastases.



Suppl. Figure S4. Detailed ctDNA results and disease course information for

patients with indeterminate radiographic imaging. Detailed disease courses for 21 patients with indeterminate radiographic imaging findings during follow up. For relapsing patients, we only include follow-up from primary treatment and until diagnosis of relapse. Shown are the results of radiographic imaging, longitudinal ctDNA analyses. Treatment periods are also indicated.



Relapse patients with indeterminate findings

Relapse free patients with indeterminate findings

