

Study Group – Liver Tumors

Prospective documentation of risk factors, treatment modalities and outcome in a data integration platform to optimize therapeutic concepts in hepatocellular carcinoma (HCC) and intrahepatic cholangiocarcinoma (iCCA)

Speaker: PD Dr. Ursula Ehmer, Munich

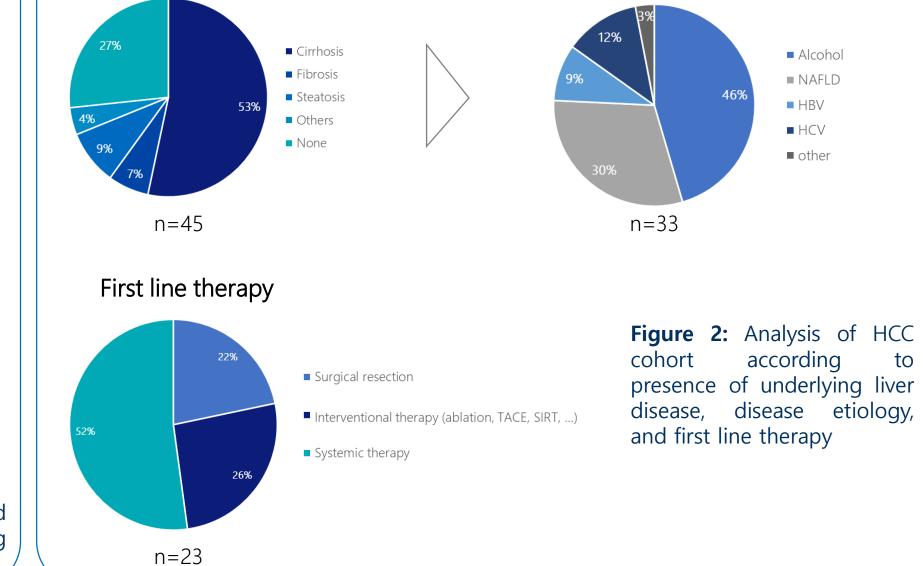


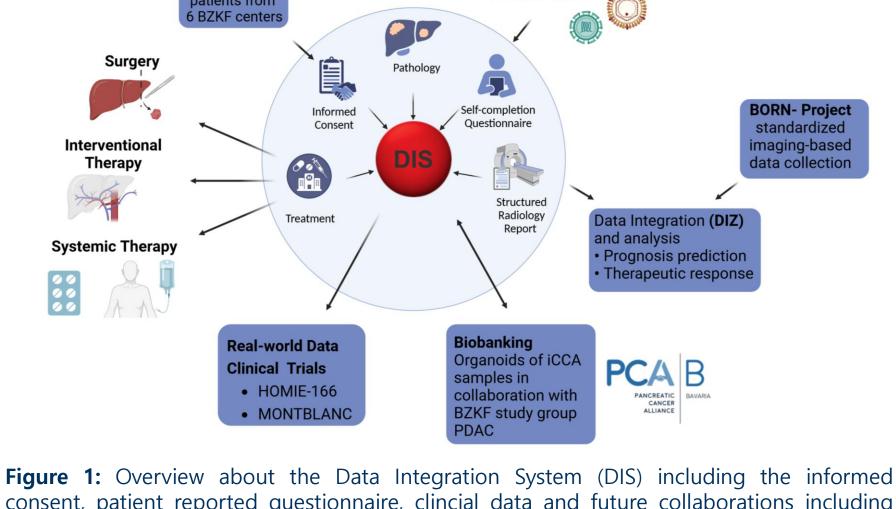
HCC and iCC



Presence of liver disease







consent, patient reported questionnaire, clincial data and future collaborations including Real-world Data Clinical Trials, biosamples and structured radiology reports (BORN-Project).

- Diverse risk factors including metabolic dysfunction-associated fatty liver disease, excessive alcohol consumption, and chronic viral hepatitis contribute to the development of HCC.
- » Presence of these risk factors might influence treatment response a hypothesis not yet proven in large real-world cohort.
- » The establishment of the HCC and iCCA Data Integration System (DIS), a detailed longitudinal documentation and analysis in a large cohort can be generated to reflect tumor and patient heterogeneity and to understand the impact of therapy on disease progression

Achieved Milestones Data: **Clinical Trials:** HOMIE-166: radioembolization of » HCCs with Holmium (166Ho), 5 BZKF » centers (lead: Jens Ricke, LMU): initiated, recruiting phase **>>**

» **MONTBLANC:** medical oncology trial in first line systemic HCC » treatment (lead: Najib Ben Khaled, LMU): recruiting

Implementation of a liver cancer Data Integration System (DIS)

- Expansion of patient cohort and data collection
- Combined data export across all **BZKF-sites**
- Retrospective analysis: bleeding and thromboembolic events after systemic treatment of HCC (lead: Florian Reiter, WÜ): completed

Future Milestones

- Implementation of iCCA patients into the data **>>** integration system
- Data integration of structured radiology reports for » **>>** HCC and iCCA (BORN project) with clinical data and analysis (collaboration with BZKF Lighthouse) project AI and Bioinformatics)
- **Completion of BZKF clinical trials (HOMIE-166, >> MONTBLANC**)

Collaboration with the BZKF study group pancreatic cancer in order to establish organoids from iCCA Patients

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