

#96 Physicians` adherence to the multidisciplinary and recommendations of tumor boards is not only an attribute of certification

P. F. Sorge¹, S. Schulze¹, S. Jaspers¹, C. Thomssen², R. Große², M. Binder³, J. - H. Klusmann⁴, J. Hoell⁴, D. Vordermark⁵, C. Wickenhauser⁶, W. Wohlgemuth⁷, H. K. Al-Ali¹
¹ Universitätsklinikum Halle (Saale), Krukenberg-Krebszentrum Halle (Saale), Halle (Saale), Sachsen-Anhalt, Deutschland, ² Universitätsklinikum Halle (Saale), Universitätsklinik und Poliklinik für Gynäkologie, Halle (Saale), Sachsen-Anhalt, Deutschland, ³ Universitätsklinikum Halle (Saale), Klinik für Innere Medizin IV, Hämatologie und Onkologie, Halle (Saale), Sachsen-Anhalt, Deutschland, ⁴ Universitätsklinikum Halle (Saale), Universitätsklinik und Poliklinik für Pädiatrie I, Halle (Saale), Sachsen-Anhalt, Deutschland, ⁵ Universitätsklinikum Halle (Saale), Universitätsklinik und Poliklinik für Strahlentherapie, Halle (Saale), Sachsen-Anhalt, Deutschland, ⁶ Universitätsklinikum Halle (Saale), Institut für Pathologie, Halle (Saale), Sachsen-Anhalt, Deutschland, ⁷ Universitätsklinikum Halle (Saale), Universitätsklinik und Poliklinik für Radiologie, Halle (Saale), Sachsen-Anhalt, Deutschland

Introduction

- Tumorboards serve as an interdisciplinary platform for discussing all relevant patient cases and should particularly benefit difficult and rare patient cases.
- An interdisciplinary tumorboard is a major medical requirement of the certification program of the German Cancer Society (DKG).
- In addition to evaluating the added value of a tumor board, we also want to identify specificities of these conferences at the Halle (Saale) location.

Methods

- Tumor conferences of the DKG-certified University Krukenberg Cancer Center Halle (KKH) of the University Medical Center in Halle (Saale) was evaluated.
- Form of study: retrospective data analysis
- Entities: breast cancer, haematology-oncology, pediatric-oncology
- Patients: 4100 cases
- Frequency: 12 weekly TBs
- Experts from: pathology, hematology-oncology, radiotherapy, radiology
- Date of certification: 13.01.2004 breast-cancer
29.11.2019 pediatric-oncology
29.11.2019 hematology-oncology

Results

- Overall, 98.9% of patients in the Breast Center, 89% of hematology patients, and 100% of pediatric oncology patients were discussed in Tbs (all TBs were multidisciplinary).
- In addition to oncologists, representatives from pathology (93%), radiology (96%), and radio-therapy (93%) were involved in breast center tumorboards. The corresponding figures for hematology and pediatric oncology were 89%, 95%, and 83%, and 83%, 54%, and 70% (Figure 1)
- Overall, 72% of the recommendations were fully implemented.
- Adherence was comparable across the three centers (breast: 73%, hema: 70%, pediatric: 77%) (Figure 2)
- In addition to the 15.5% (recommendations were partially implemented) and 11.8% of recommendations showed noncompliance. (Figure 2)
- The main causes were: patient request, patient comorbidities, treatment side effects, patient death, physician decision, and loss to follow-up.
- We see the highest adherence in pediatric oncology with 77% compliance.
- The median of the recommendations per tumorboard in the Breast Center as well as in Hematooncology was three, in Pediatric Oncology one.
- The Hematooncology and Pediatric Oncology centers were successfully DKG-certified in 2019.

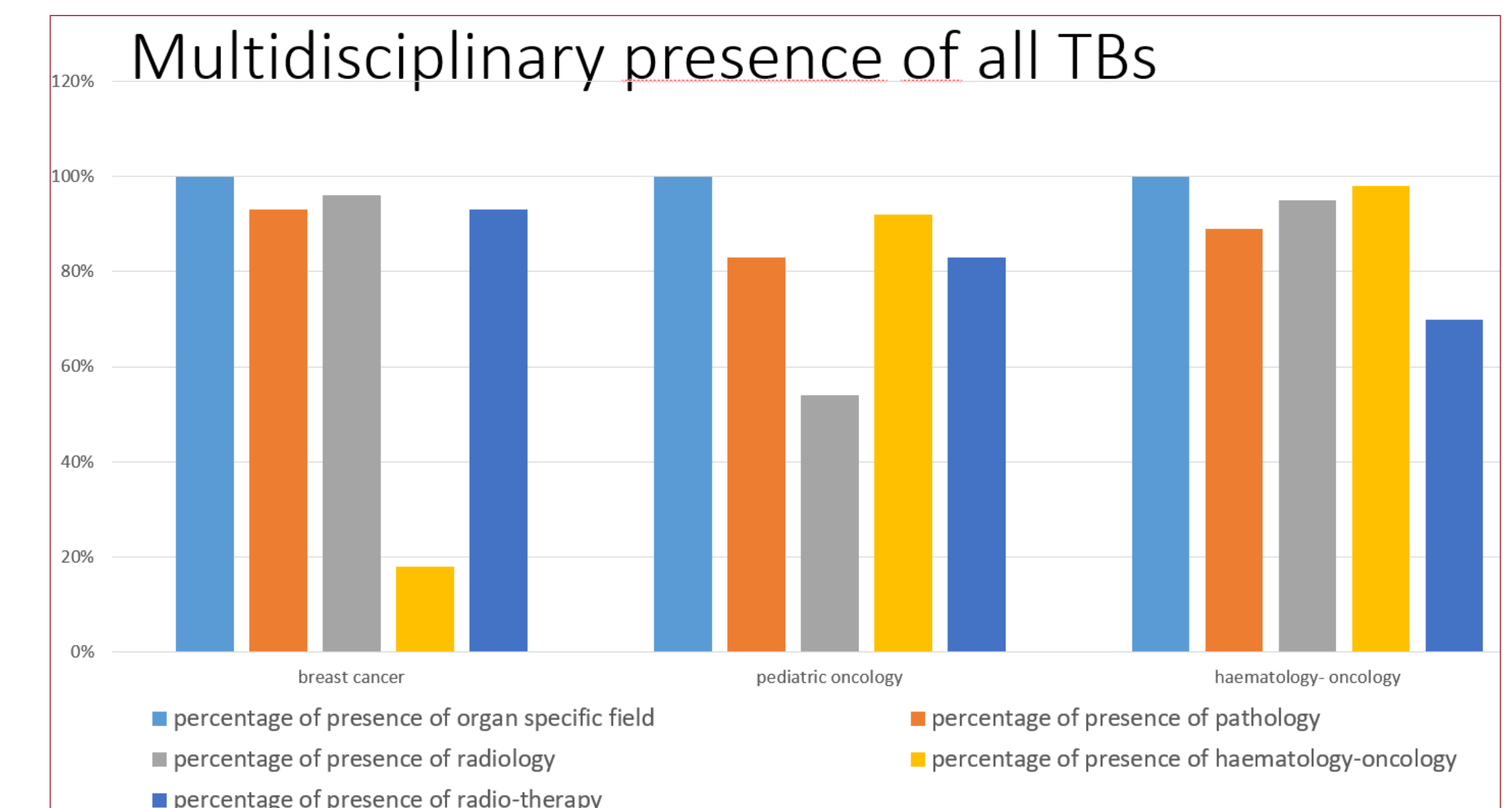


Figure 1: Multidisciplinary presence in Tumor Conferences

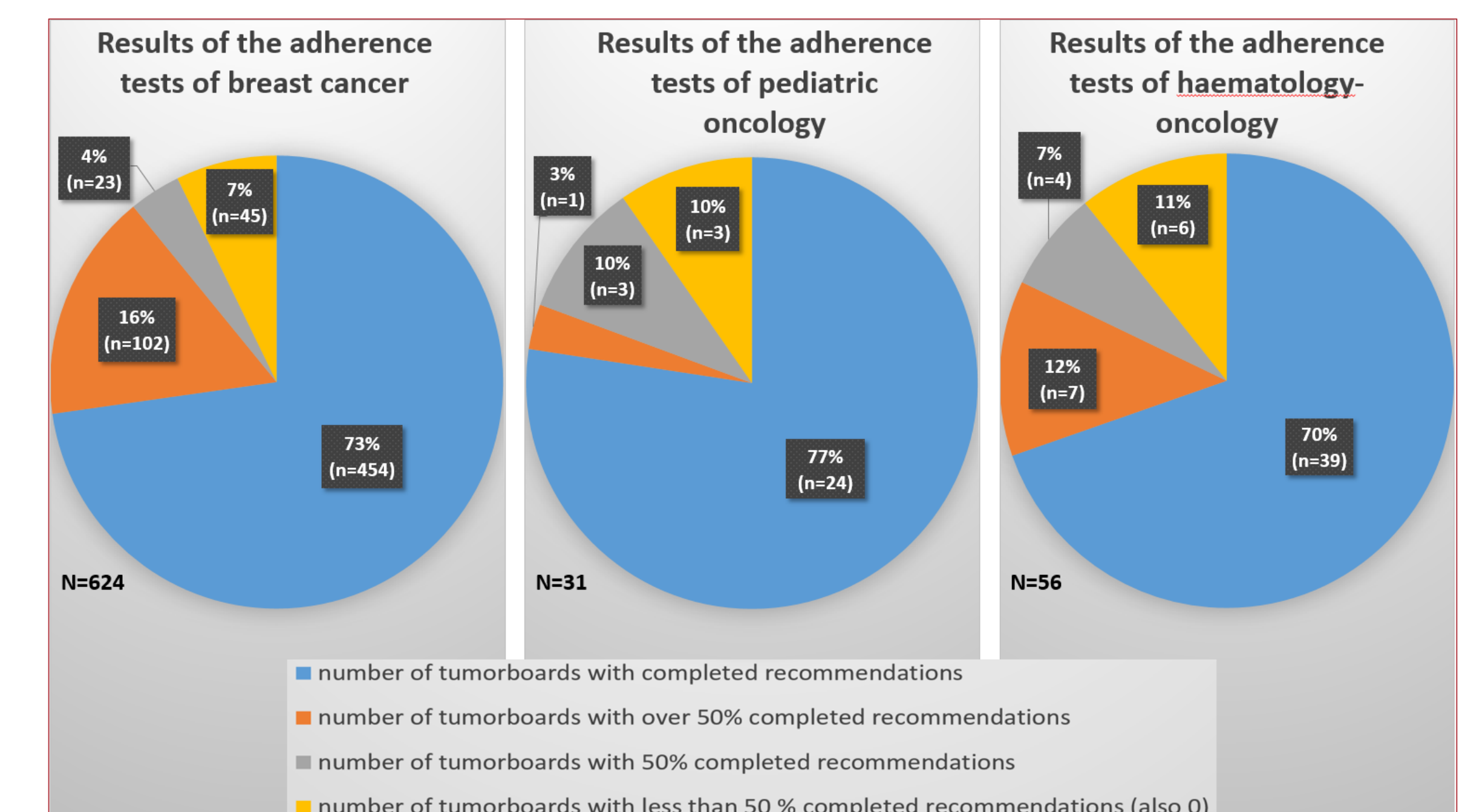


Figure 2: Results of the adherence

Conclusion

- The evaluation shows no entity specific differences with most patients being discussed in multidisciplinary tumorboards
 - A certified Oncological Center such as the KKH fulfills all technical and medical requirements to provide the highest quality of cancer care.
- Yet, efficiency of tumorboard and adherence to recommendations might be further optimized by increased respect of patients` preferences and improved presentation of patient-related data.