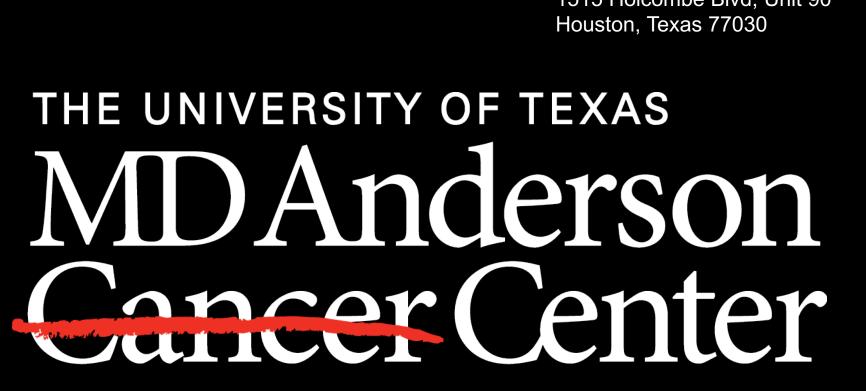
Evaluation of Bezlotoxumab for the Prevention of Recurrent Clostridioides difficile Infection in Patients Living With Cancer at a Large Comprehensive Cancer Center

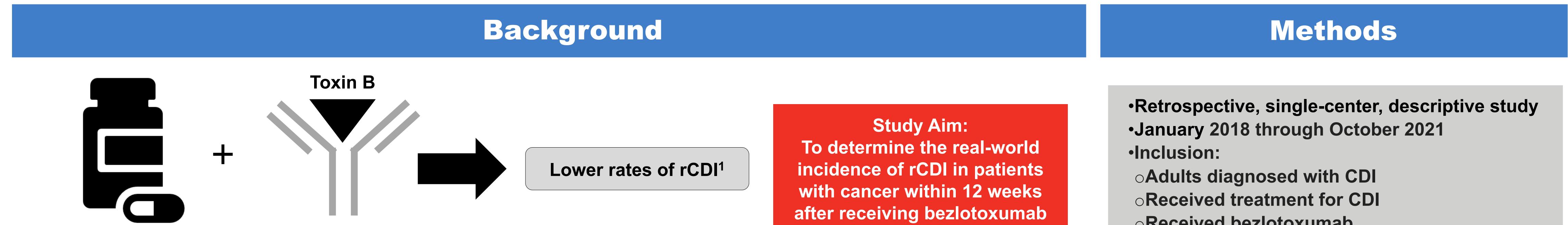
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Making Cancer History[®]

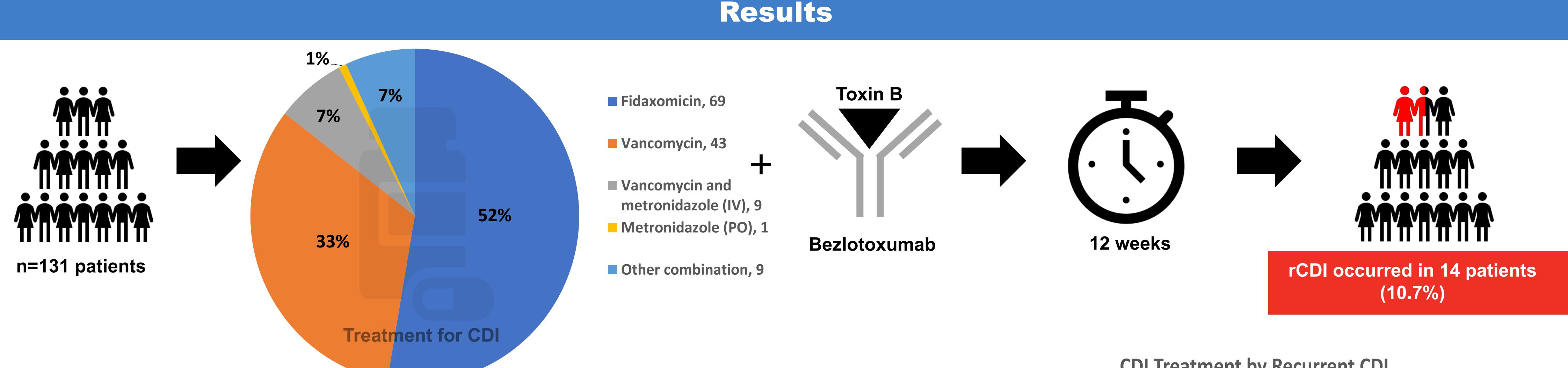


Treatment for CDI

Bezlotoxumab

•Bezlotoxumab, a human monoclonal antibody, binds and neutralizes Clostridioides difficile toxin B •Administration of bezlotoxumab along with treatment for CDI is associated with lower rates of rCDI •Clinical trials evaluating bezlotoxumab in patients with cancer are limited

Received bezlotoxumab •rCDI definition: • Positive C. difficile by stool nucleic acid amplification test and treated for CDI

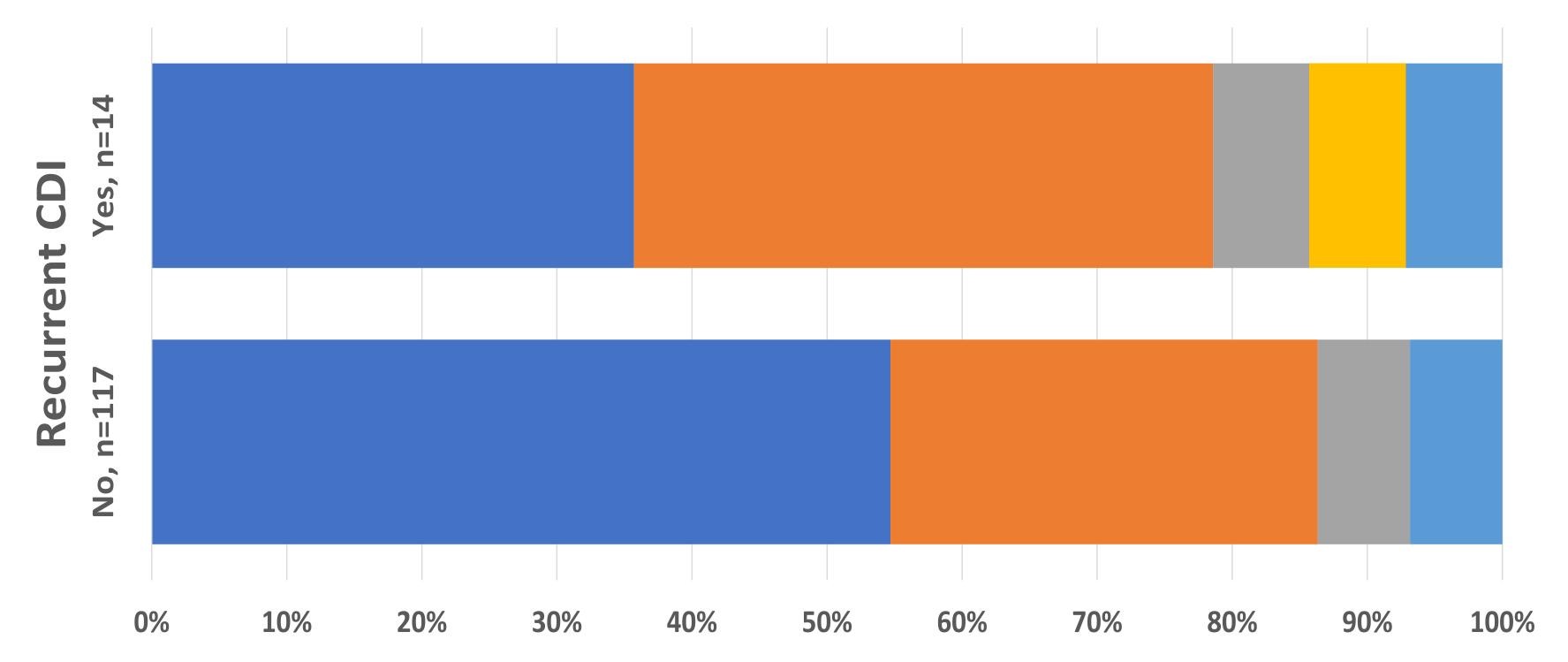


Age	
Median (Range)	66 (18, 87)
Sex, n (%)	
Male	62 (47%)
Race , n (%)	
Asian	3 (2%)
Black or African American	8 (6%)
White or Caucasian	101 (77%)
Other	19 (15%)
Primary Cancer Diagnosis, n (%)	
eukemia	47 (36%)
ymphoma	27 (21%)
Ayeloma	11 (8%)
Solid tumor	46 (35%)

131 patients included

- Most common primary cancer types: leukemia (36%) followed by a solid organ tumor (35%), lymphoma (21%), and myeloma (8%) • Cytotoxic chemotherapy/ICIs were administered within 6 months in 78% of cases
- Fidaxomicin was the most common CDI treatment (52%), followed by oral vancomycin (33%)
- Recurrent CDI occurred in 14 patients (10.7%)
- Levofloxacin was the most prescribed antibiotic in those with rCDI

CDI Treatment by Recurrent CDI





Conclusion and Discussion

 In this real-world study, recurrence was low and consistent with previous studies • Patients with rCDI were more likely to have received levofloxacin following the first episode • A comparative analysis on the rate of rCDI in those not receiving bezlotoxumab at our institution is ongoing

