

OVERALL AIM: To strengthen the local health system to streamline patient flow and reduce the need for inpatient care				
Inputs	Activities	Outputs	Outcomes	Impact
- Funding - Time allocation - Staffing and team - Travel - Training - Discharge software and app	- Examine the pattern of inpatient pediatric oncology unit utilization by process mapping the admission-discharge pathway - Assess the magnitude and causes of admission and discharge delays - Introduce targeted interventions to improve the admission-discharge process - Revise admissions criteria - Revise chemotherapy protocols - Develop educational and communicational resources - Educate staff and patients - Implement redefined discharge process - Explore the feasibility and efficiency of cost-effective alternatives to inpatient care, including shifting selected chemotherapy protocols to outpatient setting - Enhance outpatient department utilization	- Admission-discharge process elements and road map - Throughput and bed indices data - Revised admission-discharge policies and procedures - List of bottleneck areas causing delays - Updated priority coding and admission criteria for chemotherapy - New early discharge criteria/definition - Discharge bundles - Educational materials - List of chemotherapy protocols shifted to OPD and revised hydration for chemotherapy protocols - Dashboard visualizations for admission-discharge timing and bed indices - Implementation of fast-track chemo - Discharge lounge launch	Short-term - Increased understanding of admissions-discharge process - Identification of bottlenecks and delays Intermediate - Implementation of revised admissions-discharge policies and procedures - Implementation of discharge bundles - Improved awareness and engagement of healthcare workers and patient families - Improved interdisciplinary communication and collaboration Long-term - Reduction in treatment delays - Reduction in the number of patients and duration on waiting list - Decreased length of stay - Decreased bed occupancy rate - Increased bed-turnover rate - Decreased readmission rate - Decreased occurrence of unnecessary admissions - Increased expected discharge date accuracy	Improved timeliness and quality of care for children with cancer being treated at KHCC - Improved timeliness of admission - Improved timeliness of discharge - Improved access and timeliness of chemotherapy administration - Improved patient/family satisfaction Improved efficiency and cost-effectiveness of pediatric bed utilization - Strengthened coordination and communication among hospital staff - Expanded inpatient capacity - More efficient inpatient bed utilization - Expanded outpatient service capacity