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Background

TBI INCIDENCE:

- Up to 170/100,000 people
- Sub-Saharan Africa
- 106/100,000 people
- Global

REHABILITATION ASSISTS:

- Movement
- Cognitive Function
- Behavioral Function
- Daily Activities

Purpose & Objectives

Purpose:

To assess the current state of outpatient physiotherapy (PT) service availability and utilization for patients who have been discharged from an acute hospitalization due to TBI

Objectives:

- To describe the patient experience of accessing and utilizing outpatient physiotherapy resources.
- To examine the facility-level attributes that affect the current ability for patients to follow through with referrals to outpatient physiotherapy.
- To understand organizational characteristics that affect implementing a new intervention for care transition to outpatient physiotherapy.

Methods and Analysis Plan

- Mixed-method study informed by Care Transition Framework (CTF)
- Domains: Organizational Characteristics, External Context, Outcomes
- Components: 1) Quantitative Cross-sectional Patient and Caregiver Surveys; 2) Strength, Weakness, Opportunities, and Threats (SWOT) Analysis; and 3) Qualitative Key Informant Interviews

Figure 1: Care Transition Framework

Patient & Caregiver Surveys

- Purposive sample of 50 patients & 50 caregivers from MNRH & MRRH
- Caregiver included if patient not eligible
- Scripted telephone interviews to determine no. of referrals to outpatient physiotherapy (OPT), no. of attempts to complete referral, no. of successful OPT attendance, and ranking of factors that affect OPT attendance
- Descriptive Statistics & Non-Parametric Data Analysis

SWOT Analysis

- Purposive sample of 30-40 PTs; 1-2 participants from ~20 eligible OPT Clinics in Central and Western Regions
- Deductive thematic analysis of structured telephone interviews to examine perspectives and attitudes of patient ability to follow up with OPT Clinic

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