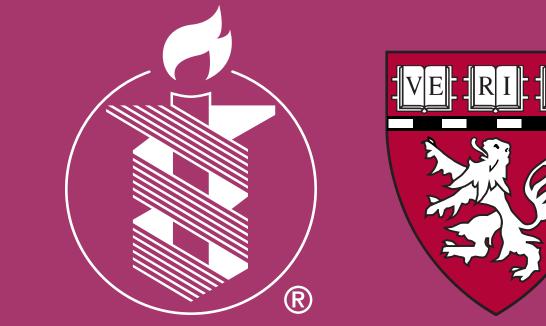


# Evaluation of Discharge Phone Calls Following Total Joint Replacement Surgery



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## Introduction

Joint replacement surgery extends beyond hospitalization. Successful recovery and prevention of complications is dependent on patient and family active participation in the discharge plan of care. This requires comprehensive patient/family education, including information on medication management, signs/symptoms of post-operative complications, and activity levels.

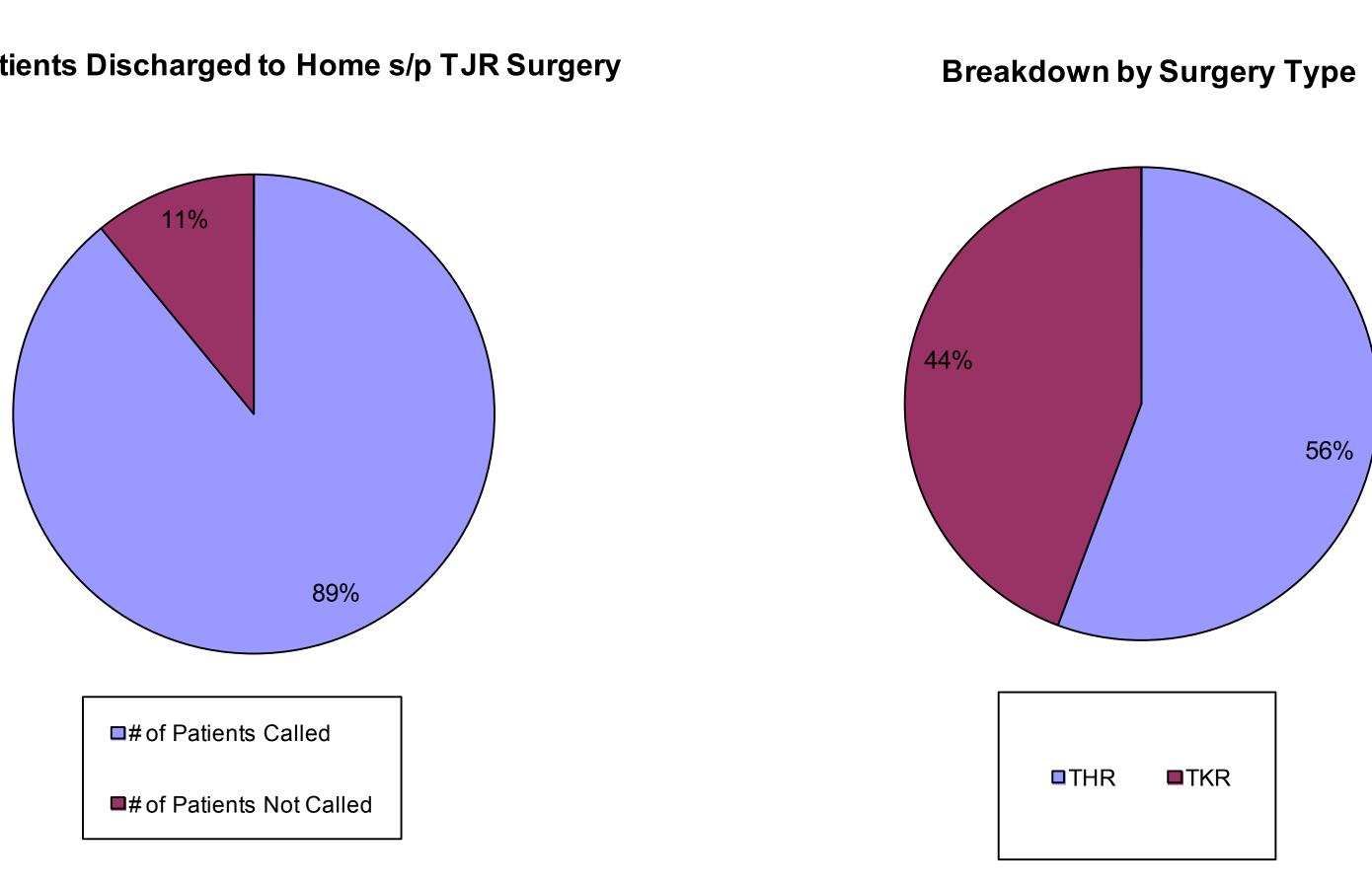
## Purpose

The purpose of this prospective quality improvement project was to evaluate patients' understanding of post-operative care at home, screen for post-operative complications, and identify inconsistencies or gaps in discharge teaching.

# Methods

- 1 year evaluation period (August 2010-August 2011)
- 89% (244/ 274) of patients who had undergone TJR surgery received a telephone call after discharge to home with or without services
- Created discharge questionnaire for phone calls that addressed general feeling, pain control, wound appearance, edema, anti-coagulation, and physical therapy
- Provided opportunity for clarification of questions regarding their post-op care and specific concerns were clarified

# Findings



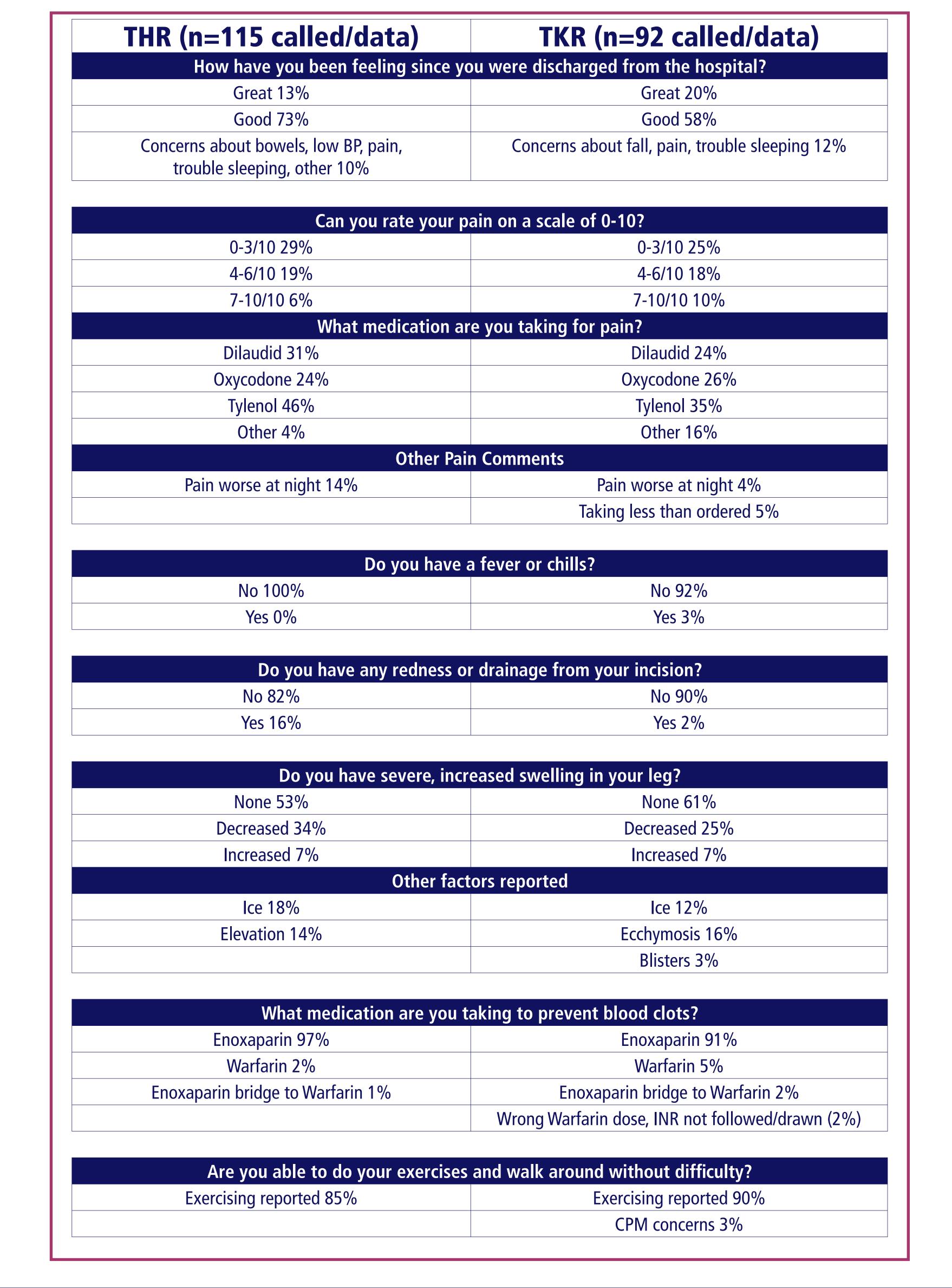
#### Demographics

		THR (n=148)	TKR (n=126)
Gender	Male	68 (46%)	50 (40%)
	Female	78 (53%)	76 (60%)
	Unspecified	2 (1%)	0 (0%)
Side/Site	Right	75 (51%)	66 (52%)
	Left	73 (49%)	60 (48%)
Length of Stay (LOS)	Range	2-8 Days	2-8 Days
	Mean	3.8 Days	3.6 Days
Time Called Since	Range	1-9 Days	1-9 Days
Discharge from Hospital	Mean	3.7 Days	3.3 Days

#### Thematic Analysis

Overall	Themes	
Bowel problem	rs, prescription refills, resuming home meds) rs/concerns 25% rvith TEDs 18%	
Specific to THR	Specific to TKR	
Activity 9%	Bruising 9%	
Pain 5%	Skin altered 3%	
	BP issues 2%	
Patients who Re	quired Follow-up	
Yes 9%	Yes 23%	
No 91%	No 77%	
Reasons included: Pain medication, bowel/bladder, medication side effects, resuming meds, increased drainage	Reasons included: Pain medication, mental status changes, leg swelling, s/s incision infection, resuming meds	

#### Response to Discharge Phone Call Questions



### Conclusions

- Gaps in nurse-patient/family teaching after TJR surgery remained
- Patient and family participation in the discharge teaching plan is vital for successful recovery at home
- Discharge questionnaire needs revision to be more specific and better address concerns

# Nursing Practice Implications

- Identify specific areas for improvement in nurse-patient/family teaching
- ° Teach importance of wearing TEDs, anticoagulation regimen, side effects of pain medication, icing/elevation of surgical extremity, bowel management, recognition of danger signs, what to expect at home
- ° Begin discharge teaching on post-op day 1
- Outilize the teachback method in order to recognize whether the patient and family have a complete understanding of the instructions
- Improve patient teaching handouts to target above themes
- ° Involve patients and families in the development
- ° Translate teaching handouts into other languages
- Educate nurses on themes to continuously evaluate discharge teaching while in the hospital
- ° Continue to mentor staff nurses to make the discharge phone calls
- ° Establish discharge class for patients and families during hospital admission

#### Contact Information

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