



Diuretic Protocol-To reduce and prevents falls in patients on Diuretics Intravenous and Oral Lasix

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A.Punithavathi/Fazlina A.Hathi/Wang Yumiao
Nursing Fall Taskforce Workgroup Members
Department of Nursing, Ward 18,38,48 & A&E
Changi General Hospital

Introduction

In line with international patient safety goals, CGH's management has made Fall Safety as one of the top priorities and departments across CGH are working together to reduce and eventually eliminate falls resulting in serious injury.



Introduction

Upon going through the fall incidences, the workgroup found that some of the incidences the main issues was patient fall due to toileting.

These patients are also on diuretics ,IV Lasix or Oral Lasix

Aim

To create better awareness among nurses when patients are put on intravenous or oral diuretic medications (Lasix).

The initial step is to standardize the timing for administering of IV Lasix at 8am and 5pm.

Nurses knows the effect of the drug when it is being administered.

Nurses should ensure that all patients who are on IV or Oral Lasix in the acute phase to have Urinary Catheter, Urosheath, Diaper or bedside commode or urinal.

Nurses are to initiate fall precautions measures for patients on Lasix.

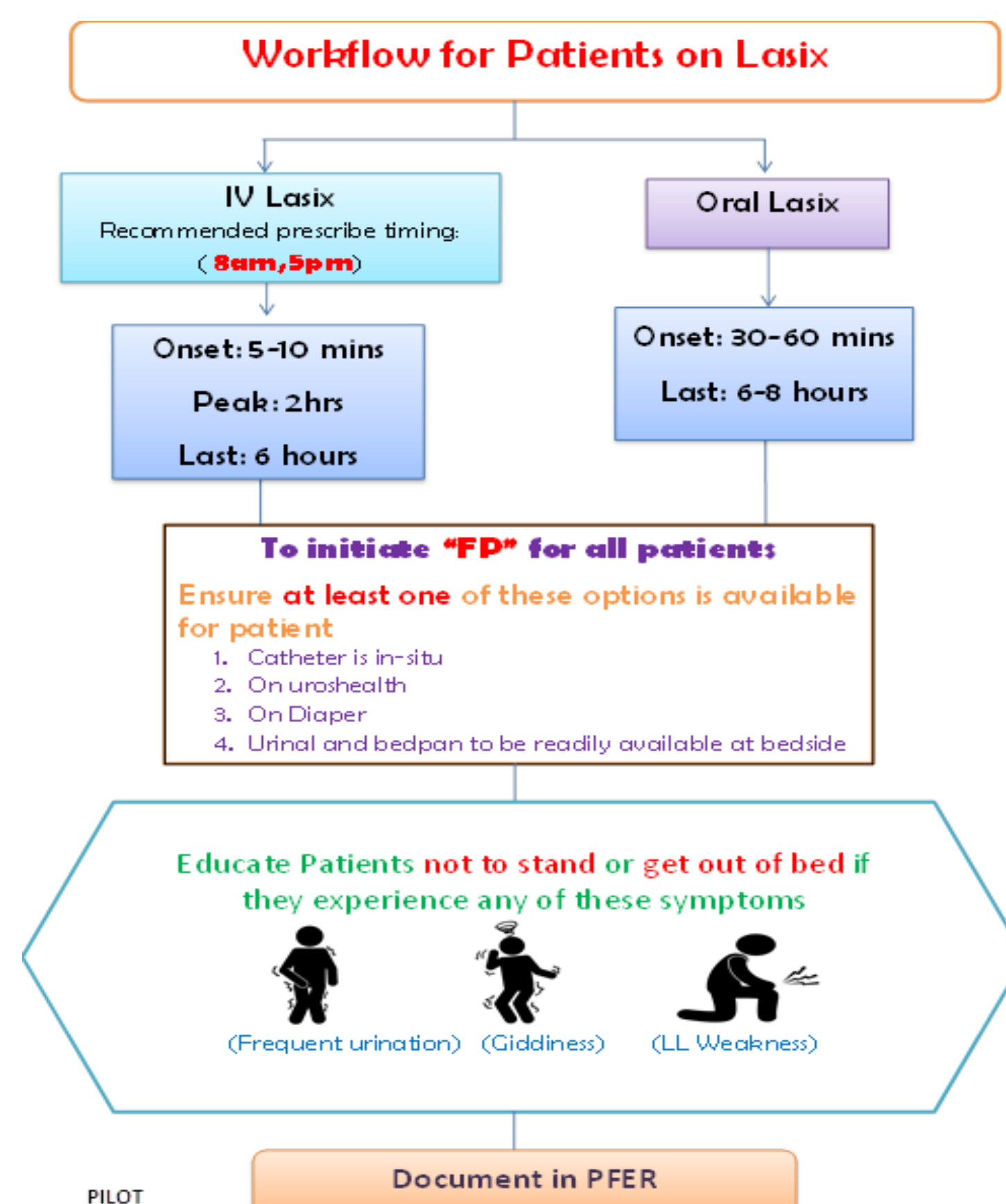
Patient education would be essential as to educate patients on the effects of diuretics and their voiding frequency



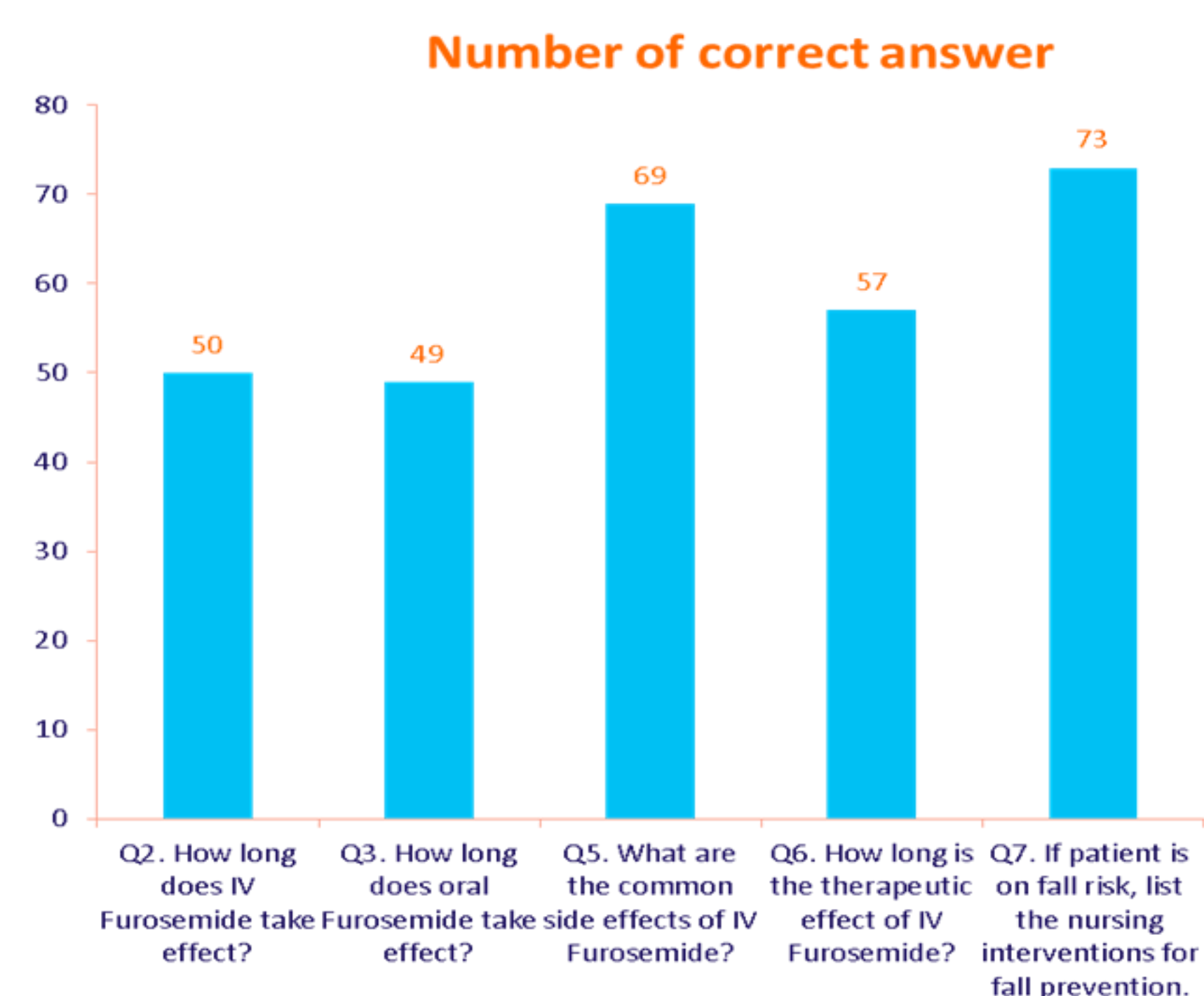
Methodology

We had done a pilot project in Ward 18, Ward 38 and Ward 48 & A&E. Pre-and post-survey questions were done to test the nurse's knowledge on the medication, IV /Oral Lasix. We have put a Diuretic Protocol when patient in on Lasix(I/V or Oral).In this pilot ward, we standardize timing for administering of IV Lasix at 8am and 5pm. Nurses are to educate the patients on effects of diuretics and their voiding frequency

<p>1. Have you nursed a patient with IV Furosemide?</p> <ul style="list-style-type: none"> • Yes • No • Never <p>2. How long does IV Furosemide take effect?</p> <ul style="list-style-type: none"> • 1hr • 5-10mins • 4hrs • Unsure <p>3. How long does oral Furosemide take effect?</p> <ul style="list-style-type: none"> • 30-60mins • 8hrs • 6hrs • 5mins <p>4. Do you think patients on Diuretics must be on Fall Risk?</p> <ul style="list-style-type: none"> • No.....Please Specify • Yes Please Specify • Unsure • Not Really 	<p>5. What are the common side effects of IV Furosemide?</p> <ul style="list-style-type: none"> • Diarrhoea,insomnia • Nausea • Muscle Weakness • Frequent Urination • Low Potassium <p>6. How long is the therapeutic effect of IV Furosemide?</p> <ul style="list-style-type: none"> • 6hours • 12 hours • 24 hours <p>7. If patient is on fall risk, list the nursing intervention for fall prevention.</p>
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Pre Survey Overall Knowledge of Diuretic Lasix



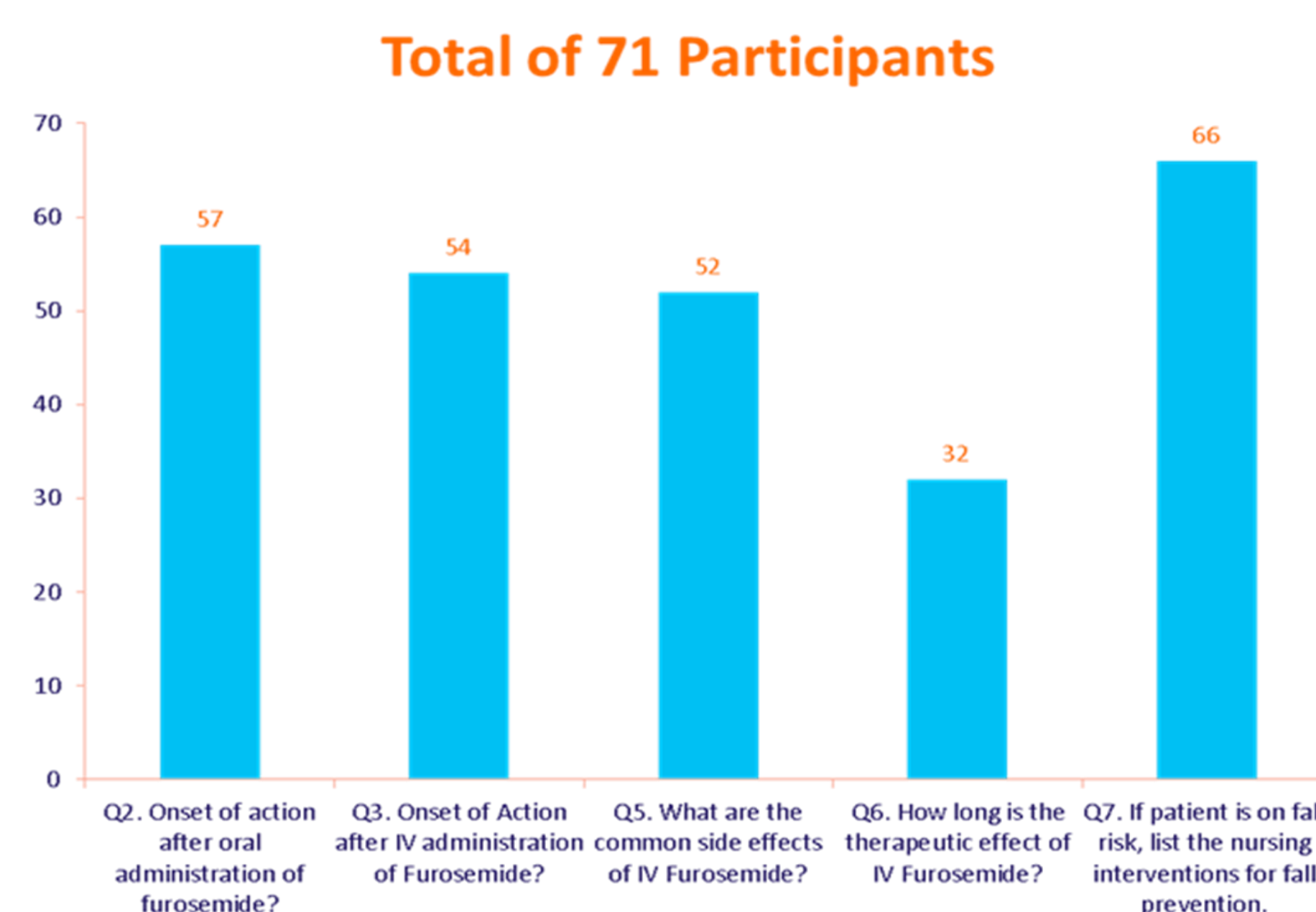
Demographic of Staff

•SSN: 10
•SN :51
•SEN :5
•EN :14

Q1. nursed patient with oral or IV Furosemide
•Yes: 78
•No : 2

Q4. Patient on diuretics should be on Fall Risk
•Yes: 53
•No: 2
•Not sure: 4
•Not really: 21

Post Survey Overall Knowledge of Diuretic Lasix



Demographic of Staff

•SSN: 12
•SN :48
•SEN :3
•EN :7
•Others: 1 (did not indicate)

Q1. nursed patient with oral or IV Furosemide
•Yes: 71

Q4. Patient on diuretics should be on Fall Risk
•Yes: 56
•Not really: 13
•Not sure: 2
•No: 0

Post Pilot Fall Incidences

After the pilot study done in these areas, the fall rates related to IV/Oral Lasix has decreased. Bet Apr – June 2016, there were 17 falls but only 2 patients were on IV/Oral Lasix.

These 2 falls that occurred, it was not due to t but it was due to other factors.



Diuretic Protocol was shared with the Ward Fall Champions and new nurses during orientation programme. It has created constant awareness among staff about effects of the diuretics, importance on the availability of toileting aids and patient education in fall prevention