

# Pre Radiation Treatment Educational Talk

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## Introduction

Patient education (PE) is an important component of modern healthcare. Our talk serves as a platform to reinforce knowledge and clarify doubts of Radiation Therapy in a comfortable pace. This process of teaching and learning involve the radiation therapists' educator, patient and family.

## Recruitment of Patients

We distributed many brochures to all NCC clinics (DRO Nurse stations & SOC clinic) and started calling to invite patients & family to register for the talk.

1. Newly Diagnosed Cancer Patients
2. Ambulant
3. Understand English/Mandarin



## Recruitment of Patient Educators

Radiation Therapist is required to have a minimum of 2 years of working experience. Pre-assessment of the educators' presentation skills are conducted before they started their first session with the patients.

## Objectives

1. Increase understanding of radiation Therapy: rationale, procedures, steps and etc.
2. To give an idea of how the different rooms, machines and positioning devices look like.
3. To discuss the possible side effects and advice on how to cope with general ones.
4. To correct and clarify misconceptions and doubts about radiation therapy.

## Methodology

From May 2013- May 2014, Educational Talk is conducted twice weekly in both English & Mandarin.

Before the talk, Pre survey forms are disseminated to the participants to pre-assess their understanding of radiation therapy.

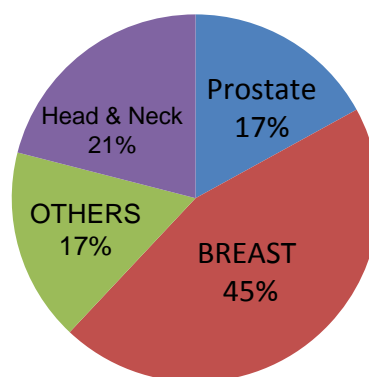
At the end of the talk, participants are to fill up a Post survey form.

	English	Chinese
Total Patients	52	32
Total Companions	23	14

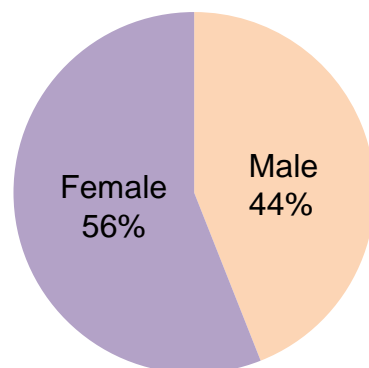
Total Number of Surveys Analyzed: 101  
3 Incomplete surveys, 17 surveys not attempted

## Results

### TREATMENT SITE



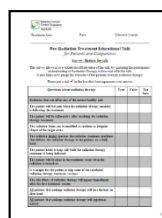
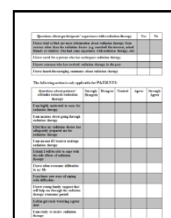
### GENDER



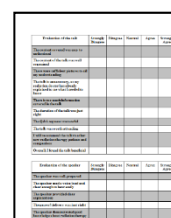
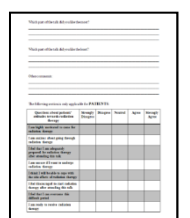
	Pre-Survey Result	Post Survey Result
Correct Answers for Radiotherapy Questions	58%	97%
I am highly motivated to come for radiation therapy	58%	93%
I am anxious about going through radiation therapy	83%	22%
I think I will be able to cope with the side effects of radiation therapy	68%	98%
I am ready to receive radiotherapy	83%	100%

	After the Talk
The Talk was worth attending	100%
I will recommend the talk to other new patients and companions	100%
Overall I found the talk beneficial	100%
I feel I am adequately prepared for radiotherapy after attend this talk	98%

### Pre Survey Form


### Post Survey Form

## Conclusion

To conclude, based on the pre and post evaluation survey results, pre-radiation educational talk helps to

- Have a better understanding of radiotherapy
- Indirectly reduce patients' anxiety towards treatment.
- It serves as a platform to reinforce knowledge of possible side effects and its general management

Almost all participants disagreed that the talk was unnecessary even though their oncologist had explained on the treatment.

Patient and family have found the talk to be beneficial and will recommend to other new patients and companions.

This once again emphasizes the importance of conducting PE talk

