

Sujana Haque Chawdhury¹, Bilkis Banu^{1,2}, Nasrin Akter¹, Sarder Mahmud Hossain¹

¹Department of Public Health, Northern University Bangladesh (NUB), Dhaka, Bangladesh

²Heidelberg Institute of Global Health, Heidelberg University, Germany

Dr.Sujana Haque Chowdhury, Lecturer, NUB, Email: suzanahaque020@gmail.com, Phone: +880-1758029485

Background:

- Bangladesh has highest prevalence of breast cancer (19.3 per 1,00,000) compared to other types of cancer ¹
- Breast cancer patients and survivors goes through series of unmet supportive care needs in their survivorship.

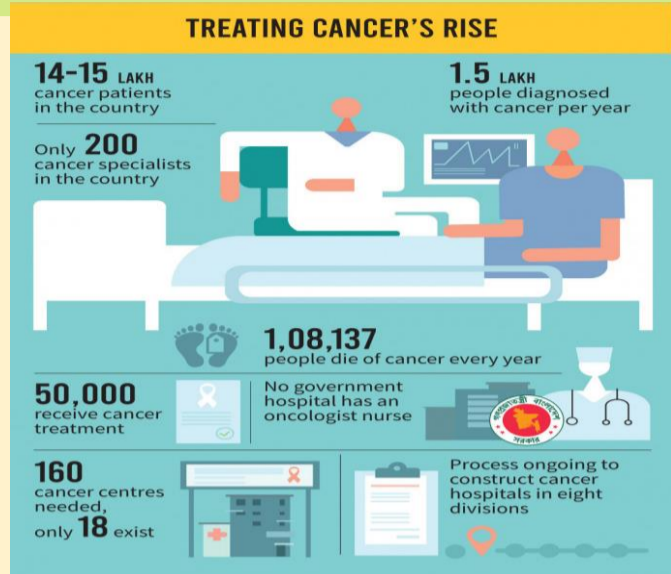


Image source: [Number of cancer patients rising, treatment remains inadequate \(tbsnews.net\)](http://tbsnews.net)

Purpose:

- To compare the role of both public and private cancer treatment center on unmet supportive care need of breast cancer patients in Bangladesh

Method:

- **Study type & design:** Descriptive type of cross-sectional study.
- **Study setting:** 138 breast cancer patient were enrolled conveniently from two public (77) and two private (61) cancer institute.
- **Data collection method and instrument:**
 - Face-to-face interview.
 - Questionnaire was formed on the basis of supportive care need survey short form 34 (SCNS sf-34) by Cancer Council, New South Wales, Center of Health Research and Psych-oncology (CHeRP)

NO NEED	1	Not applicable – This was not a problem for me as a result of having cancer.
	2	Satisfied - I did need help with this, but my need for help was satisfied at the time.
SOME NEED	3	Low need - This item caused me concern or discomfort. I had little need for additional help.
	4	Moderate need – This item caused me concern or discomfort. I had some need for additional help.
	5	High need - This item caused me concern or discomfort. I had a strong need for additional help.

Image source- [scns-sf 34 current \(3\).pdf](#)

- **Inclusion:** Breast cancer patient 18 years and above who have been diagnosed with cancer at list 2-5 years back.
- **Analysis:** Result was analyzed through univariate and multivariate producer.

Results:

- Patient from private cancer institute significantly reported sexuality moderate/high need (40%) compared to patients who received treatment from public cancer institute.

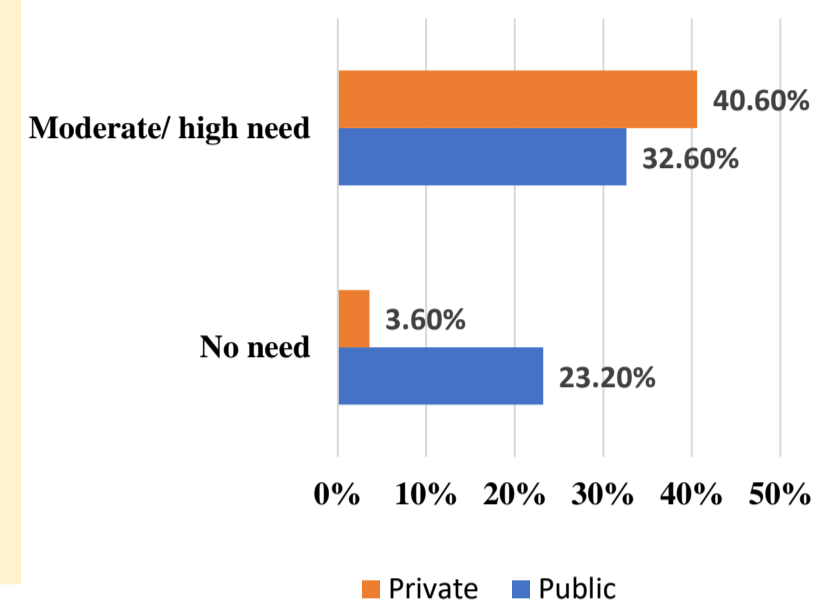


Figure 1- Sexually unmet need status of breast cancer from public (77) and private (61) cancer treatment center.

- No patient from private cancer treatment center reported “no need”, furthermore highest moderate/ high need (44.2%) was observe from private compare to public centers.

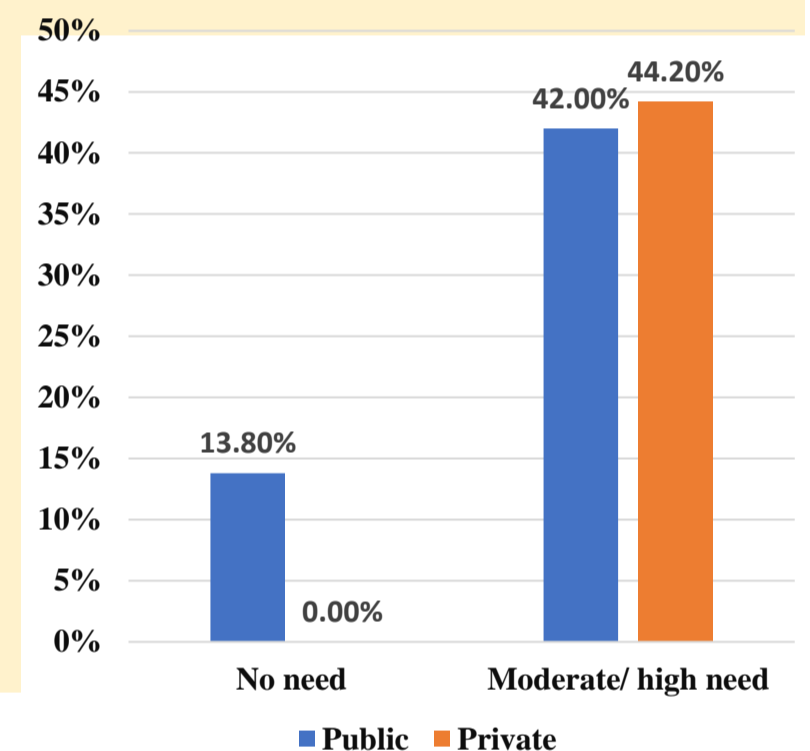


Figure 2- Patient care and support system from public and private cancer treatment center.

- Highest respondent was found to have non formal education (29%) attending public cancer treatment center.
- Study also revealed that sexuality need domain as significant predictor in private cancer treatment center for unmet need compare to public.

Conclusion & Recommendations:

- ✓ Individuals unmet need assessment should be a part of every treatment protocol of breast cancer for a better treatment outcome.
- ✓ Breast cancer patient's unmet need assessment needs to be include in their treatment protocol. Helping patients with their individual needs may trigger a better treatment outcome.

References:

1. Begum SA, Mahmud T, Rahman T, Zannat J, Khatun F, Nahar K, Towhida M, Joarder M, Harun A, Sharmin F. Knowledge, attitude and practice of Bangladeshi women towards breast cancer: a cross sectional study. Mymensingh Med. J. 2019 Jan;28(1):96-104