

CADTH Reference List

Blue Light and White Light Cystoscopy for Transurethral Resection of Bladder Tumour in People Living With Non-Muscle Invasive Bladder Cancer

April 2021

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Cite As: *Blue Light and White Light Cystoscopy for Transurethral Resection of Bladder Tumour in People Living with Non-Muscle Invasive Bladder Cancer*. Ottawa: CADTH; 2021 Apr. (CADTH reference list).

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Funding: CADTH receives funding from Canada's federal, provincial, and territorial governments, with the exception of Quebec.

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Key Message

- No qualitative studies were located that explored how people living with non-muscle invasive bladder cancer or those involved in their care experience transurethral resection of bladder tumours using either white light cystoscopy alone or white light in conjunction with blue light cystoscopy?

Research Question

1. What qualitative literature is available that explores how people living with non-muscle invasive bladder cancer, and those involved in their care, engage with and experience the process of transurethral resection of bladder tumours using either white light cystoscopy alone or white light in conjunction with blue light cystoscopy?

Methods

Literature Search Methods

A limited literature search was conducted by an information specialist on key resources including MEDLINE, CINAHL, and Scopus. The search strategy comprised both controlled vocabulary, such as the National Library of Medicine's MeSH (Medical Subject Headings) and keywords. The main search concepts were non-muscle invasive bladder cancer (NMIBC), transurethral resection of bladder tumour (TURBT), and cystoscopy. Search filters were applied to limit retrieval to qualitative studies. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2016 and April 19, 2021. Internet links were provided, where available.

Selection Criteria

One reviewer screened literature search results (titles and abstracts) and selected publications according to the inclusion criteria presented in Table 1. Full texts of study publications were not reviewed.

Results

A total of 147 citations were retrieved from the electronic literature search. None met the selection criteria.

No studies were located that explored how people living with non-muscle invasive bladder cancer or those involved in their care experience transurethral resection of bladder tumours using either white light cystoscopy alone or white light in conjunction with blue light cystoscopy.

Table 1: Selection Criteria

SPIDER	Description
Sample	People aged ≥ 18 years living with NMIBC who have undergone, or will be undergoing, transurethral resection of bladder tumour (TURBT) using either white light cystoscopy alone or white light in conjunction with blue light cystoscopy; people involved in caring for those living with NMIBC (e.g., family, urologist, nursing staff)
Phenomenon of interest	<p>Process of moving from diagnosis of NMIBC to undergoing TURBT using white light cystoscopy alone or white light in conjunction with blue light cystoscopy</p> <p>Process of preparing for and undergoing TURBT using white light cystoscopy alone or white light in conjunction with blue light cystoscopy</p> <p>Process of recovering from TURBT that has used white light cystoscopy alone or white light in conjunction with blue light cystoscopy</p>
Design	Any qualitative design
Evaluation	Reflections on experiences or understandings of engaging with any of the processes listed under phenomena of interest
Research type	Primary qualitative studies

NMIBC = non-muscle invasive bladder cancer; TURBT = transurethral resection of bladder tumour.

Additional references of potential interest that did not meet the inclusion criteria are provided in Appendix 1.

Appendix 1: References of Potential Interest

Additional References

1. Garg T, Connors JN, Ladd IG, Bogaczyk TL, Larson SL. Defining Priorities to Improve Patient Experience in Non-Muscle Invasive Bladder Cancer. *Bladder Cancer*. 2018;4(1):121-128. [PubMed](#)