

A Collaborative Approach to Implementing Blue Light Cystoscopy

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INTRODUCTION / BACKGROUND

- White light cystoscopy and urine cytology are standard procedures to diagnose non-muscle invasive bladder cancer (NMIBC).
- Blue Light Cystoscopy (BLC) with Hexaminolevulinate (Cysview) has shown to improve tumor detection of non-muscle invasive bladder cancer.¹
- Urology Team received approval to bring BLC to Lahey Hospital and Medical Center.



<http://clipart-library.com/clipart/n1475277.htm>

OBJECTIVE

The successful implementation of Blue Light Cystoscopy through collaboration, education and preparation of all stakeholders.

STAKEHOLDERS

- Urologists
- Ambulatory Surgery Nurses
- Operating Room Nurses
- Pharmacists
- Central Supply Personnel
- Schedulers

IMPLEMENTATION

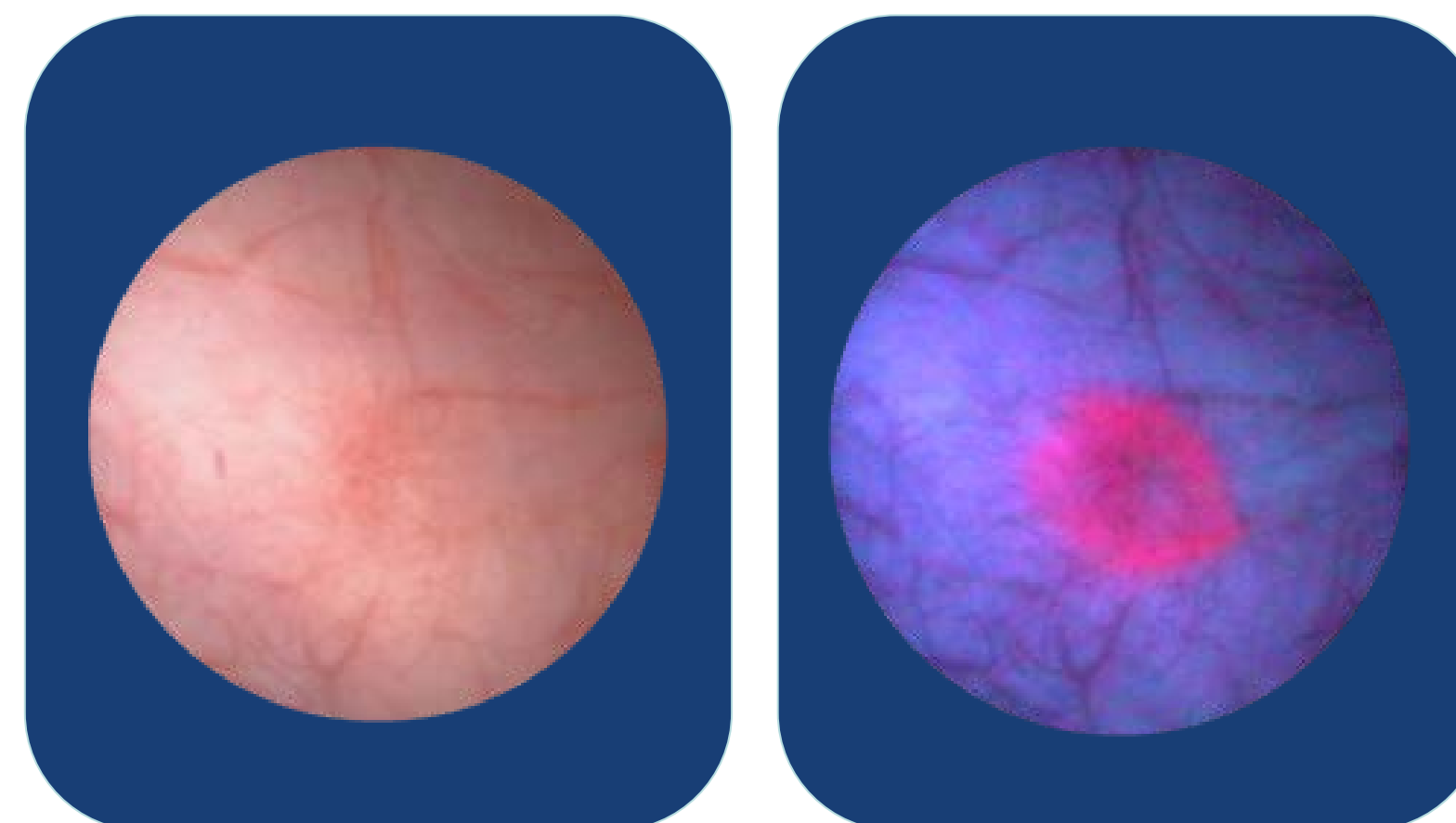
- Identification & inclusion of Stakeholders
- Weekly meetings
- Equipment and supplies available
- OR equipment obtained
- Pharmacy: Cysview distribution
- Schedulers: Proper booking order
- Education: Handouts, Discussion, Presentation, Hands on demonstrations

SUCCESSFUL PRACTICE

- After four months of planning and preparation, the first BLC was performed successfully
- 180 cases have been performed as of 02/2021
- Success is attributed to the collaborative approach to training and support from all stakeholders.

IMPLICATIONS

- The identification and inclusion of all stakeholders at the beginning of this project was key.
- Communication throughout the process ensured all issues and perspectives were identified and addressed.
- Through education and support, success of the new BLC with Cysview was implemented seamlessly.



Standard White Light

Blue Light

Used with permission: Photocure/Cysview

Referrence:1. Daneshmand S, Bazargani ST, Bivalacqua TJ, Holzbeierlein JM, willard B, Taylor JM, Liao JC, Pohar K, Tierney J, Konety B. Blue Light cystoscopy for the diagnosis of bladder cancer: Results from the US prospective multicenter registry. Urologic Oncology. 2018 Aug 36(8):361.e1-361.