KARL STORZ Blue Light Cystoscopy with Cysview® System
Photodynamic Diagnosis (PDD)
Bladder cancer affects over **580,000 patients** in the US. It is the #4 **cancer in men** and is observed in men 3-4 times more than women.¹ Treatment is difficult since **bladder tumors look similar to normal, healthy tissue** using the previous standard of care, white light cystoscopy. Due to this challenge, tumors can be **easily missed or incompletely removed** which creates a high probability of **cancer recurrence** in the future.
KARL STORZ Blue Light Cystoscopy with Cysview®

The First and Only FDA-Approved Technology for the Enhanced Detection of Bladder Cancer

The same bladder cancer tumor viewed with white light cystoscopy (left) and KARL STORZ Blue Light Cystoscopy with Cysview® (right)

KARL STORZ Blue Light Cystoscopy with Cysview® utilizes Photodynamic Diagnosis (PDD) to highlight cancerous tumors in a bright pink color during surgery. It offers the following advantages for bladder cancer treatment:

- Increased detection of tumors
- Enhanced tumor removal for complete resection
- Decreased recurrence per AUA/SUO Guidelines³

Cysview® is an optical imaging agent indicated for use in the cystoscopic detection of non-muscle invasive bladder cancer including carcinoma in situ (CIS) among patients suspected or known to have lesion(s) on the basis of a prior cystoscopy. Cysview® is used with the KARL STORZ Photodynamic Diagnostic (PDD) system to perform Blue Light Cystoscopy (BLC) as an adjunct to the white light cystoscopy.²
KARL STORZ Blue Light Cystoscopy with Cysview® System

2-Part System for Enhanced Detection and Complete Resection

DETECTION

BLUE LIGHT FLEXIBLE CYSTOSCOPY

- Repetitive use of Cysview® now approved for on-going surveillance
- Quick and comfortable procedure
- Real-time detection of bladder cancer while the patient is awake

AUA/SUO Guidelines: The Standard of Care for Complete Tumor Resection and Reduced Cancer Recurrence

Flourescence Guided Resection with UH 400 Surgical Generator
Cystoscopy with Cysview®

Detection and Complete Resection

DETECTION

RESECTION

BLUE LIGHT

FLEXIBLE CYSTOSCOPY

RIGID CYSTOSCOPY

• Repetitive use of Cysview® now approved for on-going surveillance

• Quick and comfortable procedure

• Real-time detection of bladder cancer while the patient is awake

AUA/SUO Guidelines: The Standard of Care for Complete Tumor Resection and Reduced Cancer Recurrence

Flourescence Guided Resection with UH 400 Surgical Generator

UH 400: The ONLY Surgical Generator Optimized for Blue Light Resection

• Toggle seamlessly between white light and Blue Light to clearly see surgical margins during resection in the OR

• Bipolar cutting loops specially designed for TURBT
The Standard of Care for Bladder Cancer

Increased Adoption at Top Medical Centers

- National Comprehensive Center Network (NCCN) Designated Cancer Centers: 65%
- National Cancer Institute (NCI) Designated Cancer Centers: 40%
- Of the top 25 of Best Hospitals in Adult Urology ranked by U.S. News and World Report: 75%

Increased Patient Volume at Blue Light Centers

Real-World Example: NCI Designated Comprehensive Cancer Center – A leading NCI Cancer Center almost doubled its patient volume within two years after purchasing a KARL STORZ Blue Light Cystoscopy with Cysview® System.4

Bladder Cancer Program

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLC Purchase</td>
<td>225</td>
</tr>
<tr>
<td>Year 1</td>
<td>315</td>
</tr>
<tr>
<td>Year 2</td>
<td>398</td>
</tr>
<tr>
<td></td>
<td>173 new patients</td>
</tr>
</tbody>
</table>
Blue Light Cystoscopy is Preferred by Patients

In a recent survey of patients diagnosed with bladder cancer, 99% were aware of Blue Light Cystoscopy and were willing to switch to an institution with this technology.\(^5\)

- ✔️ Patients are asking for Blue Light Technology
- ✔️ Attract new patients and retain current ones
- ✔️ Patients willing to travel long distances for treatment

Treat More Patients More Effectively

The value of the KARL STORZ Blue Light Cystoscopy with Cysview\(^\text{®}\) 2-Part System comes from treating more bladder cancer patients more effectively. The Blue Light Procedure can attract new patients and retain current ones by offering a better standard of care, which has been proven through increased adoption at top medical centers, and a strong recommendation by the AUA/SUO.

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\(^1\) American Cancer Society: https://www.cancer.org/cancer/bladder-cancer/about/key-statistics.html (Accessed April, 2018)

\(^2\) Cysview\(^\text{®}\) (Prescribing Information) Princeton, NJ: Photocure ASA; 2018


\(^4\) Data on File, Photocure, 2017

\(^5\) URO Today – March 27, 2019 Survey of Bladder Cancer Patients Reveals Big Changes – Patients are Looking for Cysview\(^\text{®}\) (hexaminolevulinate)

*Cysview\(^\text{®}\) is a registered trademark of Photocure ASA*