430,000

patients are diagnosed with bladder cancer every year.¹



A global problem



Bladder cancer is the **Oth**

most common cancer worldwide and the most expensive to treat on a lifetime basis.^{2,3}

Men are most likely to be affected



Each year there are approximately **165,000 deaths**

from bladder cancer worldwide.4

75% of these are men.4

Bladder cancer is **four** times more likely to be diagnosed in men than women.⁵ In the US, bladder

cancer is the **fourth** most common cancer among men.⁶

Symptoms of bladder cancer can include:9

- Blood or blood clots in the urine
- Pain or burning sensation during urination
- Frequent need of urination
- Lower back pain on one side of the body

About non-muscle invasive bladder cancer

Approximately **75-85%** of patients with bladder cancer present with non-muscle invasive bladder cancer.⁵

Non-muscle invasive bladder cancer is when the cancer cells have not grown through the inner lining and into the deeper muscle layer of the bladder.⁷

Survival rates for non-muscle invasive bladder cancer depend on the progression of the tumour into the bladder.8 In recent years, limited funding into research has been attributed as a reason for the lack of improvement in the treatment of bladder cancer.8

Causes of bladder cancer are unknown



It is thought that smoking, environmental factors and chronic infection may increase the risk of bladder cancer.¹⁰

- 1. Antoni, S et al. Bladder Cancer Incidence and Mortality: A Global Overview and Recent Trends. Eur Urol 2017;71(1):96-108.
- 2. Media Planet. Bladder Cancer is the Hidden Cancer with a Big Impact. Available at: https://bit.ly/2uKdEzX Last accessed: April 2018
- 3. Sievert KD, et al. Economic aspects of bladder cancer: what are the benefits and costs? World Journal of Urology 2009;27(3):295-300.
- 4. Shariat, SF et al. The effect of age and gender on bladder cancer: a critical review of the literature. BJU International 2010;105(3):300-308.
- Anastasios, A, de Reijke, TM. Best Practice in the Treatment of Nonmuscle Invasive Bladder Cancer. Therapeutic Advances in Urology 2012;4(1):13–32.
 American Cancer Society. Key Statistics for Bladder Cancer. 2018. Available at: https://bit.ly/2o6DYyJ Last accessed: April 2018
- 7. Cancer Research UK. Early (non muscle invasive) bladder cancer staging. 2015. Available at: https://bit.ly/2JD9RYG Last accessed: April 2018
- 8. Boormans, JL, Zwarthoff, EC. Limited Funds for Bladder Cancer Research and What Can We Do About It. Bladder Cancer 2016;2(1): 49–51.
- 9. Cancer.Net. Bladder Cancer: Symptoms and Signs. 2017. Available at: https://bit.ly/2qpvyT7 Last accessed: April 2018
- 10. Welsh Cancer Intelligence & Surveillance Unit NHS. Bladder Cancer Factsheet. Available at: https://bit.ly/2JDyp3K Last accessed: April 2018

