**Supplement to “Bacille Calmette-Guérin Preparation and Intravesical Administration to Patients with Bladder Cancer: Risks to Healthcare Personnel and Patients, and Mitigation Strategies”**

Description of Research Methods

**Research Questions:**

1. Does BCG preparation and administration pose infection risk to healthcare workers?
2. What are infection risks to other patients treated at facilities where BCG is prepared or administered?

**Relevant Results:** <https://www.ncbi.nlm.nih.gov/sites/myncbi/1dQOgFR4i9tQu/collections/62734471/public/>

**PubMed Broad**

("BCG Vaccine"[Mesh] OR "Bacillus Calmette-Guérin["[tiab]](https://pubmed.ncbi.nlm.nih.gov/?term=%22hip+pain%22%5BTitle%2FAbstract%3A%7E2%5D) OR "Bacillus Calmette-Guerin"[tiab] OR “Calmette Guerin Bacillus”[tiab] OR “nosocmial” [tiab] OR “healthcare worker” [tiab] OR “Calmette's Vaccine”[tiab] OR “Calmette Vaccine”[tiab] OR “occupational tuberculosis” [tiab] OR “Calmettes Vaccine”[tiab] OR BCG[ti] OR “Mycobacterium bovis”[tiab]) AND ("Vaccination"[Mesh] OR vaccine\*[tiab] OR vaccinat\*[tiab] OR instillation[tiab] OR intravesical[tiab] OR immuniz\*[tiab]) AND ("Infections"[Mesh] OR infection\*[tiab] OR exposure[tiab] OR transmission[tiab] OR "Occupational Exposure"[Mesh] OR "Disease Transmission, Infectious"[Mesh]) AND ("Non-Muscle Invasive Bladder Neoplasms"[Mesh] OR “Bladder Neoplasm\*”[tiab] OR “Bladder Carcinoma\*”[tiab] OR “NMIBC”[tiab] OR “Bladder Cancer\*”[tiab]) OR “BCG Vaccine/administration and dosage"[MeSH] OR ” "BCG Vaccine/immunology"[MeSH]

**PubMed Narrow**

("BCG Vaccine"[Mesh] OR "Bacillus Calmette-Guérin["[tiab]](https://pubmed.ncbi.nlm.nih.gov/?term=%22hip+pain%22%5BTitle%2FAbstract%3A%7E2%5D) OR "Bacillus Calmette-Guerin"[tiab] OR “Calmette Guerin Bacillus”[tiab] OR “Calmette's Vaccine”[tiab] OR “Calmette Vaccine”[tiab] OR “Calmettes Vaccine”[tiab] OR BCG[ti] OR “Mycobacterium bovis”[tiab]) AND ("Vaccination"[Mesh] OR vaccine\*[tiab] OR vaccinat\*[tiab] OR instillation[tiab] OR intravesical[tiab] OR immuniz\*[tiab]) AND ("Non-Muscle Invasive Bladder Neoplasms"[Mesh] OR "Non Muscle Invasive Bladder Neoplasm\*"[tiab] OR "Non-Muscle-Invasive Bladder Neoplasm\*"[tiab] OR "NMIBC"[tiab] OR "Non-Muscle-Invasive Bladder Cancer\*"[tiab] OR "Non-Muscle Invasive Bladder Cancer\*"[tiab]) AND (inadvertent\*[tiab] OR worker\*[tiab] OR provider\*[tiab] OR accident\*[tiab] OR contaminat\*[tiab] OR disseminate\*[tiab] OR secondary[tiab] OR without\*[ti] OR exposed[tiab] OR exposure[tiab] OR transmission[tiab] OR "Occupational Exposure"[Mesh] OR "Disease Transmission, Infectious"[Mesh])

**Google Scholar**

("BCG Vaccine" OR "Bacillus Calmette-Guérin" OR "Bacillus Calmette-Guerin") AND (inadvertent\* OR exposure OR accident\* OR contaminat\*)