



# CLEANING & DISINFECTION

## Lessons Learned From COVID & Overall Best Practices

TO BE FEATURED IN THE NEXT  
*INDUSTRY INNOVATIONS*

**Industry Innovations for Winter 2021** will showcase innovative product offerings and practice recommendations supporting cleaning and disinfection for infection prevention and control in health care.

The past year has been filled with extraordinary circumstances as a result of the battle against COVID-19 and Environmental Services (EVS) professionals have been on the frontline all along. Securing the required cleaning and disinfecting supplies has been one of the main challenges faced by EVS, while trying to keep surfaces clean and disinfected for everyone's safety. The industry as a whole faced many new challenges which were brought upon by supply shortages, the need to adapt to changes in the supply chain and staffing shortages, while providing extensive training to EVS personnel based on the latest disinfection protocols that allow us to protect patients, fellow healthcare workers and ourselves.

Our healthcare system relies on keeping surfaces sanitized as one of the key elements in breaking the chain of transmission of infectious agents. The future will most certainly bring forward new and emerging infections and EVS professionals are gearing up to ensure that we are ready to face these battles. New disinfection technologies and many parallel innovations will help make the difference for this evolving industry. With this in mind, industry partners are

being called upon to showcase equipment and technology which will make a difference in our quest to stop the spread of infection through environmental surfaces.

### GUIDELINES

The role of the Editor and Guest Editors, Industry Innovations, is to ensure this publication is a high quality, structured, and comparative resource for Infection Prevention and Control Canada's (IPAC Canada) core membership. All submissions to Industry Innovations are subject to curatorial review. Relevance to IPAC Canada membership and integrity of claims will be assessed prior to approval or denial of publication partnership. For whitepapers accepted for publication, the editor and publisher will coordinate with the submitting industry partner prior to publication with applicable technical editing requests. The editor and publisher will also ensure that the curation and publishing process of whitepapers and advertisements accepted for publication are managed transparently in consultation with authoring industry partners.

Preferred whitepapers for publication in Industry Innovations will refrain from subjective and unverifiable claims. They will use a mixture of industry voice, technical specification, and use-case logistics with significant attention to the immediate organizational impact of implementation. The numbered guideline sections below are sequentially ordered





to provide a comparable reading flow throughout Industry Innovations volumes and must be adhered to during whitepaper development. The suggested word count is included for the whitepaper author's reference to ensure sufficient content is incorporated into each section without exceeding the suggested submission length of 4500 words.

#### GENERAL GUIDELINES:

- Core Focus: Industry Innovations' guidelines are structured to provide a comparable summary of considerations to enable IPAC Canada readership to assess their organization's implementation readiness and the immediate use cases of an industry product
- Please refrain from comparing your product's solution to competing solutions
- Where clinical or industry research is referenced; ensure summary description of the research is included rather than generalizations

For in-text citations, use parenthetical numbers (Vancouver style) and append references to end of whitepaper using the same order of numbers appearing in-text

#### 1. Abstract – ~500 Words:

- What makes this product stand out as an innovative contribution or solution to issues of cleaning and disinfection in healthcare settings?
  - Please refrain from comparative analysis to other innovations regarding cleaning and disinfection, but common standardized processes may be referenced.

#### 2. Specifications – ~600 Words:

- Describe the technology/engineering design of the cleaning and disinfection equipment innovation.
- If there are electronic components, please describe their utility (sensor, tracking, cleaning, connectivity, etc).
- Describe any additional resources used peripherally to your product innovation if applicable and what ongoing resources a healthcare facility implementing your solution will need to have in place to support the cleaning and disinfection innovation you describe (e.g., storage/wall space, embedded into infrastructure, etc.).

#### 3. Metrics – ~600 Words:

- Describe any recommended statistical tracking methodology for cleaning and disinfection, as applicable (e.g., reduction of HAIs, impact on department cleaning and disinfection measurement audits, ATP audits, hand hygiene compliance)
- Previous quantitative research in effectiveness of the innovation may be described and referenced here.

#### 4. Practice Changes – ~600 Words:

- Please describe the frontline practice changes involved in implementing your company's solution.
  - For example, will your solution add additional steps to the cleaning and disinfection process? Will it affect care of the patient? Will there need to be accommodations for additional laundering or disposal of single use products? Will Environmental Services staff and Clinical Health Care providers need to be trained to use your new product or innovation?

#### 5. Implementation – ~600 Words:

- Please describe the steps involved in implementation of your cleaning and disinfection innovation. What stakeholders are needed (Infection Control, Occupational Health, Health Educator, Environmental Services, Facilities/Maintenance, etc....)?
- What activities involved in initial implementation/ ongoing maintenance of this innovation will be managed by your company?
- What initial/ongoing maintenance steps will be managed by the healthcare facility hosting your cleaning and disinfection solution?
- What maintenance steps are required to ensure the cleaning and disinfection innovation is operating effectively on a continuous basis?

#### 6. Narrative – ~700 words:

- Please provide in narrative format the post-implementation use-case of the cleaning and disinfection innovation product by healthcare staff and any new processes involved with use of the product.
  - Please include information on contact times, dilution requirements, health and safety measures, additional training; focus on tasks performed by healthcare institution staff involving the immediate use of your product

#### 7. Cost Estimate - ~300 words:

- Please provide a cost estimate in table format for implementation of your cleaning and disinfection solution given typical needs in a small/medium/large healthcare setting

#### 8. Contact Info

- Please provide detailed contact info (phone, email, webpage, etc.) to ensure interested readers are able to reach out for further information and estimates.