

# SUMMARY

-  Healthcare Associated Infections (HAI)
-  Who we are ?
-  Why do you need infection prevention care ?
-  Our approach
-  Our activities
-  Antimicrobial stewardship program
-  Outbreak investigations



  +1 (253) 281 8923

 PIPC Consulting



[www.pipcconsulting.com](http://www.pipcconsulting.com)



5401 South Tacoma Way #3 Tacoma, WA 98409



## HEALTHCARE ASSOCIATED INFECTIONS (HAI)

Healthcare Associated Infections are the infections that can occur as a direct result of the care or treatment that a patient receives at your facility

**PIPC Consulting** can work with you to make sure that your facility, clinic or hospital stay is safe from healthcare – associated infections such as urinary tract infections, respiratory infections, gastrointestinal infections, skin infections (pressure ulcers), and bloodstream infections by using proven methods! Our team can oversee and coordinate all infection prevention activities at your facilities. As a result, our work with you guarantees an improvement of patient outcomes at your facility!





## WHO WE ARE?

### PIPC INFECTION CONTROL AND PREVENTION TEAM

is a privately-owned and locally operated provider of non-medical hospitalized, nursing homes, adult family homes, assisted living facilities, boarding homes, correctional facilities, clinical facilities, etc. customized services.

PIPC Infection Control and Prevention Team operates under the direction of PIPC Consulting LLC to provide the most successful, innovative, Subject Matter Expert (SME) and customized infection

control and prevention services and solutions and patient outcomes to healthcare facilities such as hospitals and clinics, businesses, and other organizations.



**Since 2018**, we have served the needs of thousands of patients including seniors, children, and individuals with disabilities or chronic conditions at their various facilities in *Tacoma, Lakewood, Lacey, Federal Way, Spanaway, Seattle, Tukwila, Kent, University Place, Des Moines, Bellevue, Redmond, Lynnwood, Edmonds, SeaTac, Renton, Woodinville, Mercer Islands, Kenmore, Covington in Washington.*

Under the direction of its founder and CEO, **Chris Moses**, PIPC Infection Control and Prevention Team has a unique story to tell behind its origins over a decade of how under Mr. Moses' leadership PIPC Infection Control and Prevention Team continues to remain unique.



## WHY DO YOU NEED INFECTION PREVENTION CARE ?

According to the **CDC**, the **National and State Healthcare Associated Infections**, and various progress reports from a few national healthcare organizations, there is a huge demand of infection control and prevention service needs.

- ✓ – Healthcare-associated infections (**HAIs**) cost between **\$28 and \$45 billion** annually and result in almost **100,000 deaths** in the United States
- ✓ – Cost-effectiveness models continue to emerge showing financial benefits of infection prevention efforts.
- ✓ – Investing in infection prevention provides an opportunity for improving patient outcomes and the financial health of an organization



### BENEFITS FOR YOUR FACILITY

- + Improvement of patient outcomes while reducing overall costs
- + Huge financial, time, and energy savings benefits for your facility
- + Higher positive ranking for your facility in terms of patient safety
- + Implementation of infection control and prevention best practices
- + Community reputation and market position
- + Return on investment
- + Staff experience with infection control and prevention best practices
- + Patient and family experience with infection control and prevention best practices
- + Reduction of harm events



## OUR APPROACH

**PIPC Infection Control and Prevention Team** partners with members of your healthcare team and use proven methods and the infection control and prevention best practices to make sure that everyone stays safe at your facility from healthcare Associated Infections (HAI) during patients' visits. We use a wide range of activities such as alcohol-based hand rubs; hand washing stations; disinfectant wipes; "cover your cough" signs; healthcare providers wearing gloves, masks, and gowns; evidence that surfaced and equipment are being cleaned.





## OUR ACTIVITIES

### ALCOHOL -BASED HAND RUBS



According to **APIC**, “Alcohol-based hand sanitizer is recommended before and after patient care, before donning sterile gloves, before inserting invasive devices, after contact with a patient’s intact skin, after removing gloves, after contact with objects and equipment in the patient’s immediate vicinity, and when moving from a contaminated to a clean site on the same patient”. PIPC will make sure this is implemented in your facility and monitored. We will make sure the manufacturer’s recommendation for volume of product is checked and the appropriate amount is dispensed.



### HAND WASHING STATIONS

**PIPC Infection Control and Prevention Team** will partner with members of your healthcare team to implement the use of hand Washington stations in your facility. We will help to educate your personnel about when and how to perform

hand hygiene. We will help to monitor the healthcare personnel adherence to hand hygiene. We will implement the multimodal interventions to improve hand hygiene based on results of monitoring and institutional assessment of high-risk areas. Therefore, the improved hand hygiene practices will help to

## DISINFECTANT WIPES



**Disinfectant wipes** play an important role in fighting the healthcare-associated infections. They are not a total replacement of a full professional cleaning. However, they are great for quickly cleaning minor messes or spills around the facility. They are also great for disinfecting nurse's working stations and medical equipment after each use. Disposable wipes are ideal for easy use on high-touch surfaces in dental offices, chiropractic offices, waiting rooms and general patient areas. PIPC Infection Control and Prevention Team will help to monitor the appropriate use of disinfectant wipes. We will also help to monitor their effectiveness. For instance, disinfectant wipes are great for single surface cleaning, around patient with respiratory issues, quick cleanings in the OR, and medical equipment.

## “COVER YOUR COUGH” SIGNS

**PIPC Infection Control and Prevention Team** will help posting these signs in your facility. We will also help to monitor the implementation of these signs in your facility by your personnel, your patients, and your visitors. Our efforts should help to reduce the spread of the germs that make you and your patients sick in your facility.

## HEALTHCARE PROVIDERS WEARING GLOVES, MASKS, AND GOWNS



Healthcare providers wearing gloves, masks, and gowns is very important as these will stop the spread of the viruses during procedures.

## EVIDENCE THAT SURFACE AND EQUIPMENT ARE BEING CLEANED

### ✔ Cleaning surface first prior leading to a successful disinfection

- Scrubbing with detergents and surfactants and rinsing with water to remove most microorganisms
- Removing all visible blood and inorganic and organic matter as critical as the germicidal activity of the disinfectant agent
- A successful cleaning leads to a successful disinfection



### ✔ After the cleaning process comes the disinfection

- Disinfection happens in a way of destroying most pathogenic and other microorganisms by using the physical force or chemical products

### ✔ With resistant bacterial spores, it is important to use sterilization

- Sterilization destroys all microorganisms by using heat (steam autoclave, dry heat, and unsaturated chemical vapor) or liquid chemical sterilant





## ANTIMICROBIAL STEWARDSHIP PROGRAM

**PIPC Infection Control and Prevention Team** use the antimicrobial stewardship programs as a set of practices dedicated to improving and optimizing antimicrobial selection, dose, and duration while minimizing patient harm.

### THE PRACTICE OF ASEPSIS

**PIPC** uses the practice of asepsis as a key strategy for preventing the transmission of microorganisms capable of causing illness in humans. Interrupting the transmission of microorganisms from reservoir to susceptible host can prevent these illnesses.



### OCCUPATIONAL EXPOSURE TO BLOODBORNE PATHOGENS

**PIPC** works partners with your personnel to make sure your personnel is safe from the bloodborne pathogens using a multifaceted approach such as :

- Promoting hepatitis B vaccination of all healthcare personnel who may have contact with blood or body fluids, considering all patients as potentially infectious, using appropriate barriers to prevent blood and body fluid contact
- Preventing percutaneous injuries by eliminating unnecessary needle use, implementing devices with safety features, using safe work practices when handling needles and other sharp devices, and safely disposing of sharps and blood-contaminated materials
- Postexposure management is also an integral component of a complete program to prevent infection following bloodborne pathogen exposure and an important element of workplace safety



## OUTBREAK INVESTIGATIONS

**PIPC** investigates disease outbreaks no matter their scope using certain predictable epidemiological elements. We use a systematic approach to verification of diagnosis, formation of a case definition, creating a line list, preparing an epidemic curve of disease distribution, and implementing infection prevention and control measures.

## SURVEILLANCE

**PIPC** uses surveillance as an essential component of our effective infection prevention and control program using sound epidemiological and statistical principles.

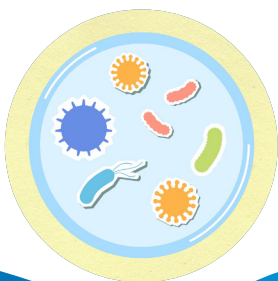
We use a system that can identify risk factors for infection

and other adverse events, implement risk-reduction measures, and monitor the effectiveness of interventions. Therefore, our programs are able to identify outbreaks, pandemics, emerging infectious diseases, multidrug-resistant organisms, and bioterrorist events so that infection prevention measures can be instituted.



## RISK FACTORS FACILITATING THE TRANSMISSION OF INFECTIOUS AGENTS

**PIPC** uses the approach of understanding the risk factors that facilitate the transmission of infectious agents as an important method for preventing the spread of these microorganisms in various healthcare settings. This method is used for healthcare-associated infection surveillance data that adjust for certain infection risks and are used for interfacility comparison of infection rates. Therefore, it helps to develop and implement the interventions to mitigate the transmission of infectious agents.



## KEY PAST SUCCESSES PIPC IS PROUD OF

NO ORD	KEY CATEGORIES	RESULTS
1	Mortality	67.45%
2	Readmissions	88.95%
3	Safety of Care	89.90%
4	Effectiveness of Care	48.10%
5	Patient Experience	50.25%
6	Timeless of Care	65.00%
7	Efficient use of Medical Imaging	45.76%

Table showing key elements of patient outcomes in before they incorporated the infection prevention and control in their program

NO ORD	KEY CATEGORIES	RESULTS
1	Mortality	9.45%
2	Readmissions	15.20%
3	Safety of Care	98.10%
4	Effectiveness of Care	98.25%
5	Patient Experience	95.37%
6	Timeless of Care	10.11%
7	Efficient use of Imaging	90.76%

Table showing key elements of patient outcomes 6 months after they hire PIPC Consulting to incorporate the infection prevention and control in their program

NO ORD	KEY CATEGORIES	RESULTS
1	Mortality	1.75%
2	Readmissions	5.45%
3	Safety of Care	98.88%
4	Effectiveness of Care	99.32%
5	Patient Experience	97.59%
6	Timeless of Care	8.75%
7	Efficient use of Imaging	98.90%

Table showing key elements of patient outcomes 12 months after they hire PIPC Consulting to incorporate the infection prevention and control in their program



+1 (253) 281 8923



5401 South Tacoma  
Way #3 Tacoma, WA 98409



[www.pipcconsulting.com](http://www.pipcconsulting.com)



[www.pipcconsulting.com](http://www.pipcconsulting.com)