



CLOSTRIDIUM DIFFICILE

CLOSTRIDIUM DIFFICILE RELATED DEATHS IN THE RISE IN QUEBEC, CANADA/ BASIC MEASURES TO PREVENT CLOSTRIDIUM DIFFICILE SPREAD INFECTION

The Quebec's public health research institute releases a report last month stating that the number of deaths due to Clostridium Difficile reached at its highest during 2010-2011 (619 deaths) since the epidemy that hit Quebec in 2004-2005 (1,034)

BACKGROUND

The region of Quebec in Canada has been famously known to host a virulent outbreak of Clostridium Difficile amongst its hospitals that lasted from 2003 through 2005. This outbreak featured a particularly high virulent strain of Clostridium difficile. Clostridium difficile is a very fast spreading germs, which why hygiene measure remain key in preventing large scale outbreaks as Quebec has been facing over the last decade.

CHARACTERISTICS OF CLOSTRIDIUM DIFFICILE AND METHODS TO PREVENT ITS INFECTION

Clostridium Difficile is a spore gram positive bacteria that causes severe diarrhea potentially leading to death. A patient acquires Clostridium difficile infection following an antibiotic treatment that kills all forms of bacteria but Clostridium difficile, which is highly resistant towards antibiotics. As a result, Clostridium difficile that can be found in a non threatening way in somebody gastro intestinal tract, is left with the absence of other bacteria to invade all the patient gastro intestinal tract which after the patient contracts the infection.



Ref : <http://biology-pictures.blogspot.com/2011/11/clostridium-difficile.html>



As this bacteria can spread very easily within an hospital via the environment and healthy carriers, it is very important once a case is confirmed to actively combat the spread of the bacteria to prevent large scale outbreaks.

Key features of infection control outside of careful selection in antibiotic treatment and contaminated patient isolation, include :

- *Sterilization of environment hygiene practice, in particular around toilet areas used by infected patients where the bacterial spread occurs most. Sterilization of medical instruments as this constitutes a major means of contamination spread for this bacteria.
- *Handwashing practice by patients and healthcare workers as this constitutes a major means of contamination spread for this bacteria.
- *Clostridium difficile being a spore bacteria, only sterilization level can kill those bacterias.
- *Clostridium bacteria being a spore bacteria, they cannot be killed with alcohol. Only the removing action of hand soap is enough to deal effectively with Clostridium Difficile in healthcare hygiene. All major International guidelines on hand hygiene promote hand disinfection as the primary tool of hand hygiene, which why healthcare workers must in particular pay attention not to forget about hand wash as it is the only way in hand hygiene to combat Clostridium Difficile infection spread and to prevent them.

TO MAKE SURE YOUR HANDS WILL BE FREE FROM CLOSTRIDIUM DIFFICILE, WE RECOMMEND THE USE OF OUR SHAVONET HAND SOAP SERIES



For more on Shavonet UM P-5, please go to **HYPERLINK** :

["http://worldwide.saraya.com/index.php/en/products/healthcare-hygiene-products/chemicals/hand-soap/item/shavonet-ump5?category_id=4"](http://worldwide.saraya.com/index.php/en/products/healthcare-hygiene-products/chemicals/hand-soap/item/shavonet-ump5?category_id=4)

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["http://worldwide.saraya.com/index.php/en/products/healthcare-hygiene-products/chemicals/hand-soap/item/shavonet-5?category_id=4"](http://worldwide.saraya.com/index.php/en/products/healthcare-hygiene-products/chemicals/hand-soap/item/shavonet-5?category_id=4)



**6th International Congress of the
Asia Pacific Society of Infection Control**
Strategic Practices for Combating Microbial Resistance

10th-13th April, 2013
Shanghai International Convention Center
Shanghai, PR China



SARAYA BECOMES A GOLD SPONSOR OF THE APSIC 2013 AND ICPIIC 2013

Saraya is proud to announce its partnership with the Asia Pacific Society of Infection Control (APUSIC), to gold sponsor the APUSIC 2013 International congress on Infection control that will take place from April 10th-13th in Shanghai, China.

The APUSIC is an organization aimed at sharing knowledge and expertise on infection control throughout the whole Asia Pacific region, to foster Patient Safety in the region. The major focus of the Congress will be on "Strategic Practices for Combating Microbial Resistance".

Saraya is also proud to announce its partnership with the WHO as a Gold sponsor of the 2nd edition of the International Conference on Prevention & Infection Control (ICPIC) that will take place in Geneva, Switzerland from June 25th to June 28th.

Organized by the WHO in collaboration with the University Hospital of Geneva, the event is an opportunity for worldwide scientists to foster their knowledge on the field of infection control science and thus increase global patient safety. The conference will include a wide variety of seminars on the topic of Infection Control such as antibiotic resistance control management, hand and environmental hygiene etc.

Both of those conferences will also be an opportunity for all key players including Saraya in the industry to exhibit their latest products and innovations in the field of Infection Control.

With the very rapid emergence of antimicrobial resistance throughout the world those past few years, Hospital acquired infection have become and more and more difficult to deal with once they occur. That is why proper hygiene has become all the more important to provide patients with the highest degree of safety and why Saraya is all the more committed to developing innovations in the field of healthcare hygiene.

We are looking forward to seeing you all in Shanghai in April and in June in Geneva!

ICPIC 2013



For more on the APSIC 2013, please consult :
HYPERLINK
["http://www.apsic2013.org/"](http://www.apsic2013.org/)

For more on the ICPIIC 2013, please consult :
HYPERLINK
["http://icpic.com/index.php/invitation"](http://icpic.com/index.php/invitation)