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To whom it may concern

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Disinfection of Caleo Incubator with Sanivap SP400

The relevance of infection prevention in the hospital has continuously increased over the past few years and it has become a major focus for our customers. Dräger's goal is to provide support for all infection prevention aspects for each and every one of our products. Thus Dräger is looking for new reprocessing methods that are compatible with our products and help reduce the use of aggressive disinfectants, especially for the most precious patients in Neonatal Care.

Here we would like to inform you that the Steam Generator SP400 from Sanivap, a French manufacturer, may be used for the disinfection of the neonatal incubator Caleo. Sanivap SP400's reprocessing method with hot steam was validated by an external hygiene institute which proved the effectiveness of the reprocessing method with the Caleo. The test results show that the reduction of germs with hot steam fulfills the required reduction rate of 5 log-levels. However, the procedure must be conducted exactly as described in the instruction for use for SP400.

According to the manufacturer Sanivap, the SP400 biocleaning system can be used for the disinfection of different kinds of surfaces, including floors, furniture and medical devices. SP400 produces constant steam quality to ensure effectiveness of cleaning and disinfection. The device comes with a boiler which includes a water tank. A wide range of accessories for versatility in terms of use are available. Special steam nozzles and a microfiber cloth are needed for standard use.

Sanivap SP400 is certified according to CE LNE-GMED 0459.

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For the validation of the efficiency of steam disinfection with SP400 on the neonatal incubator Caleo, 11 different surfaces including the fan wheel, basic device, handport, handport opener, grommet, rotary knob, drawer, air channel, SoftBed and others were identified and contaminated with a standard test suspension of germs and proteins. Then the surfaces were disinfected with the Sanivap SP400 and the contact nozzle SV110 with its microfiber cloth MV225 according to the Sanivap instruction for use. It is important to follow the described steps exactly to ensure the correct steam temperature of 95°C is reached and thus providing effective steam disinfection. As a next step, the test surfaces were dried with a microfiber cloth. Then the remaining germ count was determined. For statistical reasons, the test on each surface was repeated three times. The results show that steam disinfection with SP400 fulfills the reduction rate of 5 log-levels as required by DIN EN ISO 15883.

After evaluation of the test results, Dräger rates the hot steam disinfection functionality of the Sanivap SP400 acceptable in terms of efficiency for use with of the incubator Caleo. Dedicated application training provided by the manufacturer Sanivap instructing how to use the SP400 on Caleo is highly recommended. For every disinfection procedure the instruction for use of SP400 must be followed exactly to ensure the correct steam temperature of 95°C and thus effective steam disinfection.



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Sanivap SP400

Incubator Caleo

http://www.draeger.com/sites/de_de/Pages/Hospital/Caleo.aspx

