

Title (en)

PROCESS FOR CLEANING AND DISINFECTING SENSITIVE MEDICAL INSTRUMENTS

Title (de)

VERFAHREN ZUR REINIGUNG UND DESINFEKTION VON EMPFINDLICHEN MEDIZINISCHEN GERÄTEN

Title (fr)

PROCEDE POUR NETTOYER ET DESINFECTER DES INSTRUMENTS MEDICAUX SENSIBLES

Publication

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Application

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Abstract (en)

[origin: DE19603977A1] The invention relates to a process for cleaning and disinfecting sensitive medical instruments, in particular endoscopes, using aqueous cleaning and disinfecting agent solutions. During said process, (a) the surfaces of the medical instruments to be treated are brought into contact with an aqueous disinfecting agent solution which is at a temperature of between 55 and 65 DEG C, held at said temperature from 1 to 15 minutes and subsequently separated off, the disinfecting agent solution containing at least one disinfecting substance from the group of the alkyl propylene diamines with the general formula (I), in which R<1> is an alkyl group or alkenyl group with 8 to 18 carbon atoms, and R<2> is hydrogen, an alkyl group with 1 to 4 carbon atoms or an amino alkyl group with 2 to 4 carbon atoms, and of the products known as glucoprotamine, as they are obtainable, in the mol ratio of from 1 : 1 to 1 : 2 at 60 to 175 DEG C, from alkyl propylene diamine of the formula (II) R<3>-NH-CH2-CH2-CH2-NH2, in which R<3> is a linear alkyl group with 12 to 14 carbon atoms, by reaction with compounds of the formula (III), in which R<4> is hydrogen or an alkyl group with 1 to 4 carbon atoms, as well as the salts thereof, and having a pH value of between 4 and 8; (b) the instruments are brought into contact with an aqueous cleaning solution before or at the same time as treatment with the disinfecting agent solution; (c) the instruments are rinsed with water and subsequently dried as known per se.

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