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DATUM
30.09.2004

EXPERT STATEMENT

Endo Star

The following examinations were accomplished by the Hygiene Nord GmbH in August and September 2004:

1. **By a quantitative suspension test** on the basis of the DIN EN 13727 (2004) (chemical disinfectants and antiseptics - quantitative suspension test for the examination of the bactericidal effect of chemical disinfectants for instruments within the human-medical range - testing method and requirements), the DIN EN 13624 (2004) (chemical disinfectants and antiseptics - quantitative suspension test for the examination fungicides effect of the chemical disinfectants for instruments within the human-medical range - testing method and requirements) and pr the EN 14348 (2004) (chemical disinfectants and antiseptics - quantitative suspension test for the examination of the mycobactericidal effect of chemical disinfectants within the human-medical range including the instrument disinfectants - testing methods and requirements) the effectiveness of the test specimen became **Endo Star**, an instrument disinfectant of the company Laboratorium Dr. rer. nat. H. D. Deppe, examined. (The investigational procedure and the results are contained in the test reports of the Hygiene Nord GmbH of 02.09.2004.)
2. **By a quantitative suspension test** on the basis of the „Standard methods of the DGHM for the examination of chemical disinfection procedures" (state: 01.09.2001) and the „Requirement catalog for the admission of chemical disinfection procedures into the disinfectant list of the DGHM" (state: 04.02.2002) became the effectiveness of the test specimen **Endo Star**, an instrument disinfectant of the company Laboratorium Dr. rer. nat. H. D. Deppe, examined. (The investigational procedure and the results are contained in the auxiliary test reports of the Hygiene Nord GmbH of 02.09.2004.)

3. **By a germ carrier test in line with standard usage for instrument disinfection** on the basis of the „Standard methods of the DGHM for the examination of chemical disinfection procedures" (state: 01.09.2001) and the „Requirement catalog for the admission of chemical disinfection procedures into the disinfectant list of the DGHM" (state: 04.02.2002) became the effectiveness of the test **Endo Star**, an instrument disinfectant of the company Laboratorium Dr. rer. nat. H. D. Deppe, examined (The investigational procedure and the results are contained in the test report of the Hygiene Nord GmbH of 27.09.2004.).

After evaluation of the results can be determined, that the test product **Endo Star** the demands of the „Requirement catalog for the admission of chemical disinfection procedures into the disinfectant list of the DGHM" (state: 04.02.2002), the DIN EN 13624 (2004), DIN EN 13727 (2004) and pr EN 14348 (2004) is sufficient, because the following effects were observed:

- bactericidal, tuberculocidal and fungicides effectiveness in the in vitro tests: In the quantitative suspension test all test species were inactivated with the examined concentration time relations in a sufficient measure.
- confirmation of the effectiveness under conditions in line with standard usage with the following concentration time relations during **dirty condition**: **1.00 % 60 min**
  2.00 % 30 min
  3.00 % 15 min

SUMMARY

Therefore the following application recommendation for the admission of **Endo Star** can be given to disinfectant list of the DGHM as **instrument disinfectants**:

Endo Star (dirty condition)	**1.00 % 60 min**
	2.00 % 30 min
	3.00 % 15 min

Greifswald, 30.09.2004

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