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PLACE OF SURFACTANT IN TREATMENT OF CHRONIC OBSTRUCTIVE PULMONAR DISEASE

Key words: surfactant, chronic obstructive pulmonary disease, anti-inflammatory activity

The clinical characteristics of chronic obstructive pulmonary disease and the medications based on surfactant have been performed in the review. Thus the theoretical background for research and development of a new drug for complex treatment of chronic obstructive pulmonary disease has been given.

616.311-008.87-07

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() [8].
[15, 17].
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[9], 90% — 0,5% — 20% 9,5%
[9, 19, 21]. 200).
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Lactobacillus spp. Bifidobacterium spp.,
(, ,).
(-10)
[11].
1014

[23].

: Bacteroides spp., Clostridium spp., E. Coli, Fusobacteria, Veilonella, Actinomyce-
taceae, Leptospira, Borrelia,
Treponema (PPLO — pleuropneu-
monia-like organisms) [3].

300

15.04.2005 . 170 "

Bergey [13].

(,).

1 2 (/ 2, ^ / 2).

[4].

— "small intestinal ba-
cterial overgrowth syndrome" (SIBOS) [25, 29],

() [10].

[21]

"

100%
S. mutans ($1,5 \cdot 10^5/$), S. saliva-
rius ($10^7/$), S. mitis ($10^6-10^8/$),
($10^5-10^7/$), ($10^6-10^8/$),
($10^3-10^4/$), 80% —
($10^3-10^4/$), 75% — ($10^2-10^3/$),
60% — 1, 50% —
($10^2-10^3/$),
, 30% — ($10^2-10^4/$), 15% —
Klebsiella ($10-10^2/$) [5].

10:1 [28].

[2, 9].

[2].

coli

[14]

[6].

0,1

(PCR),

[12, 26].

[12].

22.04.1985

[16].

535 "

10.05.2007 . 234 "

(500).

(), () [26].

8 — 8 3, — [9].

[24].

[18].

[19].

Haenel [27]

Candid (. albicans, C. tropicalis, . cre sei), Aspergillia niger, Staphylococcus (S. Aureus, S. Epidermidis, S. Albicans), Streptococcus (Str. Viridans, Str. Pyogenes,, Str. Hominis, Str. Agalactika, Str. Angemoliticus), Klebsiella (K. Pneumoniae, K.Oxytoca), Neisseria (N. sicca, N. subflava, N. Flava, N. mucosa), Enterococcus (E. Faecium, E. Faecalis), Corynebacter (C. Ulcerans, C. Pseudotuberculosis, C. Pseudodiphtheriticum, C. xerosis), Escherichia (. Faecalis, . oli), Pseudomonae (P. Aeruginosa).

: 5% ; "Mitis salivarius

agar" () — ; Candida; ; "Columbia agar

" : S. mutans, S. salivarius, S. mitis, S. sanguis, S. oralis ; " (1994-1995 .): Actinobacillus actinomycetemcomitans, Bacteroides forsythus, Porphiromonos gingivalis [24],

E. faecalis S. Aureus (); E. Faecalis, S. Epidermidis, Streptococcus (); E. Faecalis, S. Aureus, , N. Sicca (); E. coli, E. Faecalis, S. Aureus, Streptococcus, ('); E. Faecalis, S. Epidermidis, Streptococcus, , N. Mucosa ().

("Lachema a.s.",),

(,). S. Aureus, E. coli, Streptococcus, N. sicca, N. Mucosa, E. Faecalis (10⁵ 10⁸), S. Epidermidis, C. albicans (10³ 10⁴) — (10²).

"STREPTOtest16", "ANAEROTest 23", — "NEFERMtest 24" [20].

, S. mutans, S. salivarius, S. mitis, S. sanguis, S. oralis, Actinobacillus actinomycetemcomitans, Bacteroides forsythus, Porphiromonos gingivalis

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 " : CRT (
 Streptococcus mutans Lactobacillus
 Mitis-Sali-
 varius) (Ivoclar Vivadent AG,),
 "SALIVA CHECK MUTANS" (Strep-
 tococcus mutans) ("GC",), Dentocult
 CA (Candida), LB (Lactobacillus),
 SM (Streptococcus mutans) Dentobuff strip
 () (Orion Diagnostica,).
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1994. - 334 . // 2004. - 158 .
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7. // , 2007. - 22 .
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10. // 2008. - . 1. 12, - . 278-282.
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13.01.2010

616.311-008.87-07

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DYSBIOSIS OF THE ORAL CAVITY AND METHODS OF ITS RESEARCH

Key words: oral cavity, microflora, oral liquid, tooth mucus, dysbiosis, research methods

The literature data of research methods of microflora of the oral cavity have been studied and analyzed. The pilot research of an oral liquid and tooth mucus used the bacteriological method have been conducted in order to study the dysbiosis of the oral cavity.