PubMed
Format: Abstract Sort by: Best Match
Selected items
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Klin Khir. 2002 Nov-Dec;(11-12):52-3.
1. [Combined treatment of patients with purulent inflammatory
soft tissues by gentaxane, enterosgel and aevit].
[Article in Ukrainian]
Niemchenko II, Kuznietsov Ala, Chumak Pla, Rudyĭ MO, Koval'ov OP, Liul'ka OM, Krasnov OF
PMID: 12549289
[PubMed - indexed for MEDLINE]
MeSH Terms, Substances
Lik Sprava. 1998 Aug;(6):149-52.
2. [The combined treatment of patients with digestive tract
diseases by the action of the enterosorbent Enterosgel and of
the intravascular laser irradiation of the blood].
[Article in Russian]
Shevchenko luN, Osypenko NI, Zlochevskaia LL, Kocherga TV, Komarnitskaia NI.
Abstract

Rehabilitative, medical treatment involved a combined use of enterosorption (the drug **Enterosgel**) and intravascular laser irradiation of blood (ILIB). The results obtained showed the adopted combined mode of treatment (**Enterosgel** + ILIB) to have a positive effect on the patients' body. The above alternative while eliminating the remainder from the body promotes an increase in the content of large granule-

not only to patients having disorders of the alimentary canal but also to those presenting with other pathologies, as well as for preventive and health-promoting purposes.

PMID: 9844904

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

☐ Klin Khir. 1999;(10):32-3.

## 3. [Detoxication properties of enterosgel in the treatment of purulent peritonitis].

[Article in Ukrainian] Burdeniuk IT.

### **Abstract**

It was established in experiment that under the influence of enterosorpent **Enterosgel**, brought into abdominal cavity, the adhesions are forming, thats why the preparation usage in containers is recommended, alone or in combination with gentamycini sulfas.

PMID: 10584519

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

Klin Khir. 1997;(9-10):28-9.

# <sup>4.</sup> [Evaluation of clinical effectiveness of the use of enterosorbent enterosgel in patients with diabetes mellitus and suppurative-inflammatory lesions of soft tissues].

[Article in Ukrainian] Shumeĭko IA.

### **Abstract**

While complex application of "Enterosgel" preparation in 47 patients with diabetes mellitus the acceleration of disease compensation was noted, what permitted to lower the sugar-reducing preparations dosage. This correspondingly improved the cholesterol indexes in blood plasma, what have illustrated the detoxication processes in organism and softening of purulent-inflammatory processes.

PMID: 9511321

[PubMed - indexed for MEDLINE]

Fiziol Zh. 1996;42(5-6):94-100.

[The stabilizing effect of enterosgel on the structural bases of membrane digestion and absorption in the small intestine in severe thermal skin burns].

[Article in Ukrainian] Pasechka NV.

### **Abstract**

5.

Enterosgel effect on morphofunctional indices of the small intestine has been ascertained in experiments on animals, histochemical, electron-microscopic and morphometric methods being used. Enterosorbent in the dose of 0.3 g/kg body weight was injected orally to the guinea-pigs for 14 days. The results of the investigations prove the severe burn traumas to result in sufficient structural changes in the small intestine wall which causes impairment of membranous digestion processes and absorption of nutrients. It is to be noted that the developing burn disease results in the increase of changes severity and reaches the highest values at the stage of septicotoxemia. The enterosorbent assessed positively affects morphofunctional values of the small intestine. The enterosorbent does not enhance conventional development of the pathologic process but considerably decreases its manifestation. The enterosgel promotes the improvement of membranous digestion and absorption in the small intestine, increasing alkaline phosphatase action and rising the number of endocellular vesicles in epitheliocytes having brush margins.

PMID: 9044818

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Klin Khir.	1997;(7-8):87-9.
the state of the s	

6. [The effectiveness of polymethylsiloxane as a hemosorbent in experiments on obstructive jaundice].

[Article in Russian]

Popov VL1, Sobko IV, Samodumova IM.

polymethylsiloxan (PMS) dominate significantly over the same of haemosorbent SKN-1K concerning common bilirubin level. It is possible to use PMS for haemosorption in obturating jaundice, viral hepatitis and in haemoperfusion as well.

PMID: 9518125
[PubMed - indexed

## Publication Types, MeSH Terms, Substances

for MEDLINE1

Mikrobiol Z. 1995 Sep-Oct;57(5):52-7.

## <sup>7.</sup> [The sorption of human and animal rotaviruses by Enterosgel].

[Article in Russian] Barbova Al.

### **Abstract**

Adsorptive activity of **enterosgel** has been studied as applied to different strains of rotaviruses of man and animals. Optimal amounts of the sorbent and pH values of the reaction medium at which rotaviruses were most efficiently sorbed from the virus-containing liquid were determined experimentally.

PMID: 8563946

[PubMed - indexed for MEDLINE]

## MeSH Terms, Substances

Patol Fiziol Eksp Ter. 2006 Jul-Sep;(3):21-2.

## 8. [Efficacy of sorption therapy in patients with cicatricial esophageal stenosis].

[Article in Russian]
Chikinev IuV, Antonov AR, Korobeĭnikov AV.

### Abstract

We examined 110 patients treated conservatively for cicatricial esophageal stenosis including expansion on the string. The patients were divided into three groups: controls (n = 35), receiving adjuvant SUMS-1 (n = 38) and given adjuvant enterosgel (n = 37). According to electron microscopy, enterosorbents make esophageal mucosa denser by decreasing interstitial spaces as a result of microcirculatory improvement and reduction of edema. Enterosorbents elevate total protein and sugar in the blood.

PMID: 17002045

[PubMed - indexed for MEDLINE]

9.	Klin Khir. 1994;(4):11-5.  [Use of enterosgel in middle-aged and aged patients with medium-severity burns].
	[Article in Russian] Naĭda IV.
	The comparative dynamics of intoxication and natural humoral organism resistance indexes in elderly and senile patients with burn disease of middle degree severity while application of generally used therapy and incorporating in treatment complex the <b>enterosgel</b> preparation prescribed since 24 hours after injury occurrence was studied. Under the <b>enterosgel</b> influence the intoxication syndrome intensity has been markedly decreased, what promoted the skin loss restoration, favourable burn disease course, mortality reduction, and the shortening of patients hospital stay.
	PMID: 7799576
	[PubMed - indexed for MEDLINE]
10	haemosorbent on the basis of polymethylsiloxane].
	[Article in Russian] Sobko IV <sup>1</sup> .
	Author information
	PMID: 9440982
	[PubMed - indexed for MEDLINE]
	Publication Types, MeSH Terms, Substances
	Klin Khir 1993·(9-10)·53-6
	Naĭda IV, Zapadniuk VI, Povstianoĭ NE, Bezverkhaia IS, Zaika MU, Oranskaia SA, Shevchenko IuN.
	Abstract

In the experiment, the age peculiarities of the detoxication system of the liver in burn disease and the effect of **enterosgel** on them were studied. Decrease in hydroxylase and demethylase activity of hepatic microsomes in relatively stable activity of oxidoreductase as well as increase in activity of aminotransferases, especially that of alanine aminotransferase, which was more pronounced in aged animals, was noted. Under the influence of enterosorption, the increase in functional activity of monooxygenase system of the liver and stabilization of hepatocytic membranes are more pronounced in young animals. This contributed to reduction in lethality, activation of natural mechanisms of detoxication and reparative processes.

PMID: 8158926

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Klin Khir. 1991;(6):26-8.

# 12. [Enteral detoxication using polymethylsiloxane in the comprehensive treatment of septic forms of acute hematogenous osteomyelitis in newborn babies].

[Article in Russian]
<u>Khanes GS, S</u>amodumova IM.

#### Abstract

With regard for the role of bacterial and viral toxins and proteases in the pathogenesis of septic forms of acute hematogenous osteomyelitis, the use of enteral detoxication in the pediatric practice has been substantiated. The authors within 1988-1989, in 35 newborns with septic forms of acute hematogenous osteomyelitis used for detoxication the "Enterosgel" preparation. Control of the state of patients was accomplished by means of bacteriologic, biochemical and immunologic methods. A high detoxicative and antiinflammatory activity of the preparation and its harmlessness for the newborns have been proved.

PMID: 1942794

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Antibiot Khimioter. 1988 Sep;33(9):666-71.

13. [Study of general toxic properties and side effects of polymethylsiloxane and gentamicin immobilized on it].

[Article in Russian]
Kaban AP, Keĭsevich LV, Samodumova IM, Znamenskiĭ VA, Cherviak PI.

#### **Abstract**

A long-acting dosage form for local use of gentamicin immobilized on **polymethylsiloxane**, a silicon organic adsorbent was developed. It combined the antimicrobial spectrum of gentamicin and the local sorption-detoxication action of the matrix. In acute and chronic experiments on 5 species of laboratory animals it was shown that **polymethylsiloxane** had no general toxic action on the animals, no damaging action on their internal organs, did not affect their functions and the state of the biological fluids, had no pyrogenic or allergenic effect. During gentamicin immobilization on **polymethylsiloxane** there was observed no increase in the antibiotic toxicity as compared to the nonimmobilized dosage form of the antibiotic. Further study of the immobilized dosage form of gentamicin is advisable.

PMID: 3218990

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

	likrobiol Zh	<u>.</u> 1993	May-Jun;55	(3)	):47-53
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## 14. [The interaction of pathogenic microorganisms with the sorbent polymethylsiloxane].

[Article in Russian]

Dikova IG, Il'chenko OI, Ruban VI, Samodumova IM, Sidel'nikova LF.

### **Abstract**

The method of electron microscopy has been used to study adhesion of the microbic cells of standard strains of Staphylococcus aureus, Escherichia coli and fungi of genus Candida on the organosilicon sorbent **polymethylsiloxane** (PMS) and medicamentous complex containing it. This complex contains furazolidone and metronidazole immobilized on silver ions-modified PMS. It is shown that the adhesion of microorganisms is accompanied by their destruction whose rate on pure PMS and medicamentous complex is different. Using experimental data the

PMID: 8355629

[PubMed - indexed for MEDLINE]

	<u>Ann Phys Med.</u> 1964 May;8:229-33.	
15	TREATMENT OF SALICYLATE-INDUCED DYSPEPSIA WITH	
	POLYMETHYLSILOXANE.	
	WALTHAM-WEEKS CD.	
	PMID: 14170280	
	[PubMed - indexed for MEDLINE]	
	MeSH Terms, Substances	
	Klin Khir. 1989;(3):61-3.	
16	[The use of polymethylsiloxane adsorbents in the treating early intoxication in patients following surgery of gastrointestinal hemorrhage].	
	[Article in Russian] <u>Kuz'menko VF, Kliusov AN, Bulych PV, Samodumova IM, Kiseleva LI</u> .	
	Abstract A detoxicative effect of the use of polymethylsiloxane enterosorbents in the clinic is noted.	
	PMID: 2786593	
	[PubMed - indexed for MEDLINE]	
	Publication Types, MeSH Terms, Substances	
	Klin Khir. 2016 Feb;(2):52-5.	
17.	[VARICOSE DISEASE OF THE LOWER EXTREMITIES: CAUSES, COMPLICATIONS, CHOICE OF METHODS FOR TREATMENT AND PROPHYLAXIS].	
	[Article in Ukrainian] Korzhyk NP.	
	Abstract Abstract The results of 1142 patients treatment for varicose disease of the lower extremities in 2006-2014 yrs were adduced. The patients were divided on 3 groups, depending on the clinical signs severity and method of treatment. There were	

operated 59 patients, in 65--the proposed scheme of treatment was applied.

PMID: 27244921



### MeSH Terms, Substances

Klin Khir.	1986;(1):9-11

## 19. [Basic trends in the use of a new organosilicon adsorbent polymethylsiloxane in surgery].

[Article in Russian]

Shalimov SA, Zemskov VS, Keĭsevich LV, Samodumova IM, Znamenskiĭ VA.

PMID: 3959443

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

Klin Khir. 2014 Jun;(6):43-5.

## <sup>20.</sup> [Role of enterosorbents in treatment of complicated varicose disease].

[Article in Ukrainian]

Biliaieva OO, Korzhyk NP, Myronov OM, Balins'ka MI, Iemets' VV.

### **Abstract**

Results of treatment of 43 patients, suffering varicose disease, complicated by trophic disorders, were analyzed. To the patients a complex was prescribed, including sorpents, angioprotectors, locally - ointments. There were operated 14 patients.

PMID: 25252553

[PubMed - indexed for MEDLINE]

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### Selected items

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☐ Zh Mikrobiol Epidemiol Immunobiol. 1994 Jan-Feb;(2):7-11.

## <sup>21.</sup> [An experimental study of the efficacy of enterosorbents in salmonellosis].

[Article in Russian]

Nikolaeva LG, Grigor'ev AV, Znamenskii VA, Koval'chuk VK, Alekseenko EP.

#### Abstract

The effectiveness of enterosorbents (**polymethylsiloxane** used as **enterosgel** and activated charcoal) has been studied in experiments on white rats infected with low virulent Salmonella typhimurium strain N 79. As shown in this study, the use of sorbents normalizes the morphofunctional characteristics of the epithelium of the small intestine and decreases the degree of Salmonella colonization of the parietal layer in the lumen of the small intestine, causing the destruction of some adsorbed bacteria.

PMID: 8017132

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

Lik Sprava. 1994 May-Jun; (5-6):138-40.

## 22. [The use of Enterogel in the combined treatment of patients with viral hepatitis B and mechanical jaundice].

[Article in Russian] Garnitskaia LA.

#### Abstract

**Enterosgel** was studied for its effect in the treatment of viral hepatitis B. No side reactions (allergic or dyspeptic) were noted in patients on **enterosgel**. The agent may be used in complex therapy of viral hepatitis B in the presence of mechanical jaundice.

		PMID: 7831881 [PubMed - indexed for MEDLINE]
		Publication Types, MeSH Terms, Substances
	□ 23.	Fiziol Cheloveka. 2007 May-Jun;33(3):135-6.  [Enterosorption as an important method of the alleviation of chronic endotoxin aggression].
		[Article in Russian] <a href="https://doi.org/10.2016/ncbe/">Chernikhova EA, Anikhovskaia IA, Gataullin luK, Zakirova DZ, Ivanov VB, Savel'ev AA, Iakovlev Mlu</a> .  Mlu
1		PMID: 17619626 [PubMed - indexed for MEDLINE]
7		MeSH Terms, Substances
	□ 24.	Klin Khir. 2001 Jan;(1):34-7.  [Efficacy and perspective of application of preparation based on hydrogel and xerogel of methyl-silicic acid in patients with the intestinal malignancy].  [Article in Ukrainian]  Kaban OP, Hunina LM, Shevchenko luM, Chornyĭ VO, Korobko VB, Valets'kyĭ VL, Sorokin BV, Litvinenko OO, Chornyĭ VV, Lial'kin SA.
)		Abstract There was studied the influence of medicinal preparations, created on the base of methylsiliconorganic matrix, on immediate and late follow-up result of treatment of more than 2000 patients with the digestive channel malignancy. High efficacy of application in complex of preoperative preparation of immobilized antibiotics and cytostatics, enterosorpent enterosgel for the purulent-inflammatory complications prophylaxis, lowering of bilirubin level in tumoral obturative jaundice, and in intraoperative usage for the tumor and metastases recurrences prophylaxis.
		Publication Types, MeSH Terms, Substances
		Lik Coroug 4000 App Many(2):424 C

25.

## [The use of sorption therapy in the combined treatment of exudative erythema multiforme].

[Article in Ukrainian]
Borysenko AV, Makhnova-Chumak EA, Zelyns'ka NA.

#### **Abstract**

Polymethylsiloxan, a sorbent, was used in combination with enterosorption with thermal alkaline mineral water in a complex treatment of patients (n = 37) with multiform exudative erythema. During the 45-min therapeutic session the sorbent-applicator was changed three times. The above therapy makes for rapid healing of erosions, reduces treatment time periods, prevents recurrences irrespective of the causative factors of inductors of the disease under study.

PMID: 10474957

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

Lik Sprava. 1993 Jul;(8):81-3.

## <sup>26.</sup> [The microbiological aspects of using enterosorbents in acute intestinal infections].

[Article in Russian] Nikolaeva LG.

### **Abstract**

We observed 60 patients with acute Flexner's dysentery and salmonellosis. Complex treatment included enterosorbents; **enterosgel**, activated carbon and polyfepan. The results showed that co-administration of **enterosgel** as compared to that of activated carbon and polyfepan resulted in more vigorous elimination of pathogens. In patients with acute dysentery **enterosgel** when used at the background of nitroflurane therapy potentiated the latter. Enterosorbents improved also body resistance in enteric infections.

PMID: 8079486

[PubMed - indexed for MEDLINE]

## **Publication Types, MeSH Terms**

Klin Khir. 1998;(12):23-7.

<sup>27</sup> [Use of a composite organic biosilicone sorption preparation imosdinit in the treatment of anaerobic infections in surgery].

[Article in Ukrainian]
Bieliaieva OO, Shevchenko luM.

#### **Abstract**

New application sorbent on the base of hydrogel and xerogel of methylsilicone acid with immobilized nitazole in connection with dimexide- imosdynit was investigated in experiment. High efficacy of imosdynit in the treatment of clostridial and non-clostridial anaerobic infection, caused by Klebsiella, was established. Proteus and blue pus bacillus are nonsensitive to imosdynit. Preparation was applied in 56 patients with purulent peritonitis. The frequency of wounds suppuration reduced by 2.4 times.

PMID: 10077942

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

Lik Sprava. 1998 Jul-Aug;(5):93-5.

## <sup>28.</sup> [The efficacy of enterosorbents and antioxidants in the treatment of chronic liver diseases of alcoholic etiology].

[Article in Russian] Skalyga IM, Zhigarenko NI.

#### **Abstract**

Efficacies were studied of enterosorbents (ES) and antioxidants (AO) combined in treatment of chronic hepatic pathology of alcoholic etiology. 102 patients were given ES (enterosgel, polysorb, sillard) in combination with tocopheroli acetas over 6 to 10 days. The control group comprised 84 individuals. A positive effect was ascertained of an ES + AO combination on the clinical course of the illness and on the immunological indices, which observation warrants the above drugs to be included into a combined treatment of patients presenting with chronic disorders of the liver of alcoholic etiology.

PMID: 9793318

Klin Khir. 1996;(5):17-9.

# [Effects of enterosorption on manifestations of endogenous intoxication in patients with obstructive jaundice of nontumorous etiology].

[Article in Russian] Pushkar' SN.

PMID: 8991673

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Ukr Biokhim Zh (1978). 1998 May-Jun;70(3):56-63.

<sup>30.</sup> [Study of sorption properties of organosilanes to be used as the basis for hemosorbents and diagnostic enzyme and immunosensors].

[Article in Ukrainian] Starodub VM<sup>1</sup>.

#### Author information

### **Abstract**

The abilities of different types of organosilanes, in particular of polymers with: 1) completely or 2) partially hydrophobical surfaces; 3) regular changes of part of silicium ions by metal ions; 4) preliminary aminosilanization were studied for sorption of ammonia ions, urea, cholesterol, creatinine, albumin, IgG, haemoglobin and myoglobin. Polymethylsiloxane was used as haemosorbent for directed sorption of myoglobin and haemoglobin from solution and blood. It didn't hemolysate red cells. The high efficiency of those organosilanes for sorption of haemoproteins it was shown. Organosilanes were very good as membrane for immobilization of urease and IgG-specific antibodies to create enzyme sensor and immunosensor based on the ionsensitive field effect transistors. The advantages and possibilities of organosilane usage as haemosorbents in the field of medicine of catastrophes as well as for sensor technology are discussed.

PMID: 9848181

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Klin Khir. 1998;(7):32-3.

<sup>31.</sup> [The treatment of intra-abdominal abscess].

[Article in Russian] Beliaeva OA.

#### **Abstract**

The experience of treatment of 18 patients with intraabdominal abscess using the regional laparostomy conduction and introducing nitazol, immobilized on **polymethylsiloxane**, in the abscess cavity, was summarized.

PMID: 9989085

[PubMed - indexed for MEDLINE]

## Publication Types, MeSH Terms, Substances

<u>Vrach Delo.</u> 1990 Apr;(4):117-20.

## 32. [Enterosorption in the combined treatment of patients with viral hepatitis].

[Article in Russian]

Vozianova ZhI, Korchinskii NCh, Pashkovskaia EG, Piven' VI, Samodumova IM, Garnitskaia LA.

#### **Abstract**

The authors studied the efficacy of using USSR-made adsorbent "Enterosgel" in the complex treatment of viral hepatitis. A scheme of employment of the drug is described. Recommendations on the doses and duration of treatment are given. It was established that the efficacy of "Enterosgel" treatment was optimal in patients with intoxication syndrome due to hepatic insufficiency, cholestasis with marked skin pruritus and allergic manifestations. Use of the named drug permits to restrict the employment of other agents that effected favourably the course and outcome of viral hepatitis.

PMID: 2275148

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

[Article in Russian] Lositskaia VM, Klimenko LA, Mashchenko VA.

**Abstract** 

The data suggesting the enterosorbent influence on the activity of proteolysis inhibitors and arginase, on the fibrin-fibrinogen and fibronectin decay products content, blood serum toxin fixating activity of injured with the burns were presented. The dependence of expression of mentioned indexes changes from the trauma severity in acute burn disease period was shown. The **enterosgel** application promotes the lowering of dystrophic degree severity, alike the hepar and fixed macrophage system load, the investigated indexes normalization acceleration, and patients condition improvement.

PMID: 7528288

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Lik Sprava. 1992 Feb;(2):90-3.

## <sup>34.</sup> [Enterosorption in the treatment of chronic kidney failure in patients with surgical diseases of the kidneys].

[Article in Russian]

Vozianov AF, Kolesnik NA, Samodumova IM.

#### Abstract

**Enterosgel** was used in 89 patients with different stages of renal failure treated surgically and medically. It is concluded that isolated or complex detoxication using **enterosgel** is a perspective approach in the treatment of patients with surgical renal diseases complicated by chronic renal failure. The use of enterosorption in the preoperative period allows to perform operative intervention in situations when infusion treatment by traditional methods was not sufficient.

PMID: 1441347

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

Klin Khir. 1993;(3):71-2.

<sup>35.</sup> [Local use of a drug combination consisting of fluorouracil, cyclophosphamide and silicone sorbent in patients with colonic cancer].

[Article in Russian]

Rustamov IR, Dzhulbekov KI.

PMID: 8301969

[PubMed - indexed for MEDLINE]

MeSH Terms, Substances

Lik Sprava. 1993 Jul;(7):95-7.

<sup>36.</sup> [The specific antigens in the biological substrates of patients with salmonellosis in connection with enterosorption therapy].

[Article in Russian] Nikolaeva LG.

#### **Abstract**

There have been under observation 172 patients with gastrointestinal salmonellosis who besides conventional treatment were given 45 g of enterosgel or activated carbon daily in a single dose and divided into three taking in 15 g each. It was shown that enterosorbents did not delay formation of immune complexes in serum, neither interfered they with fixation of specific antigens by immune complexes at blood cells of patients with salmonellosis. Co-administration of enterosorbents promotes elimination of Salmonella's antigens which can be detected in coprofiltrate. Activated carbon in a single dose had the most pronounced eliminative effect.

PMID: 7516103

[PubMed - indexed for MEDLINE]

Publication Types, MeSH Terms, Substances

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