

MURNIA exists to prevent, treat and relieve severe wounds and conditions of the mucosa and skin.

MURNIA'S products all utilize the IP molecular compound that has a proven mechanism of action.



80.00 Antioxidant Capacity

90.00

90.00

10.00

0.1

0.2

0.3

0.4

0.5

0.6

Concentration (me/ml)

WITH DEMONSTRATED SIGNIFICANT RESULTS IN ORAL MUCOSITIS AND DRYNESS FOR CANCER PATIENTS

ROS SCAVENGING EFFECT:

Murnia test results show 70% inhibition @0.5mg

Plot: Murnia inhibition results

Regeneration support





SUPPORTS EPITHELIAL RENEWAL:

Murnia speeds up collagen / elastin synthesis (like retinol)

Plot: Scratch test with Murnia results in 14 hrs

Microbiological testing

Validation suspension Control of experims (NvO)		ental conditions (A)		Neutralizer / filtration control (B)		Method validation (C)				Validation suspension			
						Product concentration: %80				(NvB)			
F _c 58 x = 58	V.	65	x"=68	F	73 x = 74	ν,		58	x=60	F _c	65	x=60	
30 ≤ X ≤ 160?	A'max x'≥0,5 x No0 x?			B'nus x'≥0,0005 x NvB x?		Can x ≥ 0.5 x No0 z?			30 ≤ N _w /1000 ≤ 160?				
DOVES [] NO	[X] YE	[]NO		[3] YES [3NO		DI YES T I NO			POYES 1 1NO				
Test suspension and test											99 100	()110	
Test suspension	N			W = 1,5 x10 ⁸		logN = 8.21			7				
(N ve NO)	10*	155			1,5 ×10"	logN _e =		7.21					
	10"	17	15	9 7,17 s logN ₀ s 7,70		DQ YES	[]NO	.,					
% (v/v) Product concentration		Ve		No (kob/ni)	log No	log 8 flogs	An - logNo1		Contact Time	Ħ			
% 80,00		<14	<14	<140	<2.15	10	>5.06		90 sec	1			
esting Organisms	S. pureus ATCC 335	91						_		_			
Validation suspension Control of experime (Nv0)		ental conditions (A)		Neutralizer / filtration control (B)		Markedon	idation (C)	_		he es			
						Product concentration: %580			Validation suspension (NyS)				
75 x=76		79			(9)	rittuactor	INCOMPRIOR: NAT	_		(AVO)			
77 7 77	V.	81	x = 80	P.	68 x=67	V_{c}		63	x = 64	F.	62	r=60	
30 ≤ 3 ≤ 160?	A'm	x≥0,5 x Nv0 x?	20,5 x Nv0 x?		B'mm x'≥ 0.9005 x NvB x?		65 Cnmx'≥ 0.5 x Ned x?				58 1-00		
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Test suspension	N	Vc.		N =	1.5 x10 ⁸	loeN =				1			
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(A REIM)	10"	15	19	7,17 s logN ₀ s 7,70?		DOYES	LIND	1,11					
(v/v) Product concentration		Ve		No Bob/mil	Tog No			_					
% 80.00		<14 <14		/No (kob/mi) <140					ontact Time				
	is order		14		<140 <2,15		>5,02 60 s						

IDEAL MUCOSAL PH:

Murnia exhibits antimicrobial properties and supports ideal PH

Plot: Microbial and PH testing

Treating the Most Severe of Oral Mucositis & Radiodermatitis



Grade 3

Grade 4





Grade 3

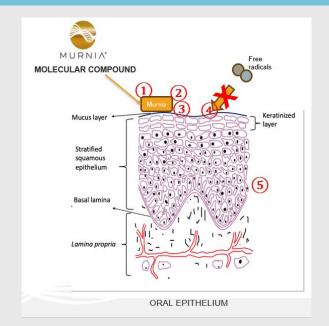
Grade 4

Mucositis: Double Blind Placebo Controlled Clinical Trial (20 H&N Cancer Patients, RT and Concomitant Therapy)

- No Grade 3 or 4 progression in Murnia cohort vs. placebo.
- No break in treatment
- No opioids. No side effects

Radio Dermatitis: Clinical Observational Study (120 Breast Cancer Patients, receiving RT)

• Less than 12% progressed to Grade 3 (allergic skin, large breast) a significant reduction vs. current therapies



Instant, Lasting Relief of Dryness. Ideal pH
Natural, Safe to Swallow.
Easy, Portable.

ORDER

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Murnia. SCIENCE, that Soothes.