pharmaceutics

Supplementary Materials: **Demonstrating the In Vitro and In Situ Antimicrobial Activity of Oxide Mineral Microspheres: An Innovative Technology to Be Incorporated into Porous and Nonporous Materials**

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Table S1. Tested high touch zones under authentic environmental conditions

	Tested high touch zones									
	Bench		**Door handle**		**Hydroalcoholic gel button**		**Mouse Tablet**		**Remote control**	
Conditions of temperature and humidity	**CFU/25cm²**									
To: 20.8°C - 24°C RH: 25% - 31%	56	7	54	**1**	0	0	300	8	3	40
To: 21°C - 25°C RH:25% - 36%	35	16	3	6	23	3	14	20	11	0
To: 21°C - 25°C RH:26% - 34%	28	1	60	1	7	0	4	6	3	0
To: 22 °C - 26.5 °C RH:32% - 50%	7	5	>300	13	1	0	13	1	12	0
To: 20.5 °C - 25°C RH: 34% - 46%	31	11	109	5	1	5	2	3	0	9
To: 21°C - 26°C RH:31% - 41%	3	2	79	0	6	2	15	1	15	0
To: 23°C - 27 °C RH:43% - 63 %	9	4	7	33	1	1	0	1	9	0
Total number of CFU/25cm²*	**466**	**45**	**570**	**52**	**331**	**12**	**396**	**40**	**640**	**46**
% of microbial reduction	**90.34%**		**90.88%**		**96.37%**		**89.90%**		**92.81%**	

Columns in gray are tested zones without polyethylene adhesive film. Column in white are tested zones with polyethylene adhesive film fim;The average percentage of CFU/25cm² reduction is 92.06%, * p=0.001.