

SUPPLEMENTARY MATERIALS:

Adaptation to sodium hypochlorite and potassium permanganate may lead to their ineffectiveness against *Candida albicans*

Tomasz M. Karpiński, Marzena Korbecka-Paczkowska, Marcin Ożarowski, Donald Włodkowiec, Marzena Liliana Wyganowska, Agnieszka Seremak-Mrozikiewicz and Judyta Cielecka-Piontek

Abbreviations:

S - sensitivity, R - resistance;

ECN - econazole 2 µg/mL, MIC - miconazole 2 µg/mL, VOR - voriconazole 2 µg/mL, AMB - amphotericin 2 µg/mL, KCA - ketoconazole 0.5 µg/mL, FLU - fluconazole 4 µg/mL, ITR - itraconazole 1 µg/mL, NY - nystatin 1.25 µg/mL, CLO - clotrimazole 1 µg/mL, and FCY - flucytosine 16 µg/mL;

OCT - octenidine dihydrochloride, PHMB - polyhexamethylene biguanide, NaOCl - sodium hypochlorite, KMnO₄ - potassium permanganate, CHX - chlorhexidine digluconate, PVI - povidone-iodine, BA - boric acid, and ET - ethacridine lactate.

Table S1. Drug susceptibility of the tested *Candida albicans* strains to antifungal drugs.

Antifungal drug	<i>Candida albicans</i> strain									
	1	2	3	4	5	6	7	8	9	10
ECN	S	S	S	S	S	S	S	S	S	S
MIC	S	S	S	S	S	S	S	S	S	S
VOR	S	S	S	S	S	S	S	S	S	S
AMB	S	S	S	S	S	S	R	S	S	S
KCA	S	S	S	S	S	S	R	S	S	S
FLU	S	S	S	S	S	S	R	S	S	S
NY	S	S	S	S	R	S	S	S	R	S
ITR	S	S	S	S	S	S	R	R	S	S
CLO	S	S	S	R	S	S	R	S	S	R
FCY	S	S	S	S	R	S	R	S	R	S

Table S10. Adaptation of *Candida albicans* strains to antiseptics. The highest concentrations of antiseptics at which yeast growth was observed are shown.

Antiseptic	<i>Candida albicans</i> strain number									
	1	2	3	4	5	6	7	8	9	10
OCT	10	7.5	10	10	10	10	10	10	7.5	10
[$\mu\text{g/mL}$]	10	7.5	10	10	10	10	10	10	7.5	10
PHMB	70	70	70	70	70	70	70	80	70	70
[$\mu\text{g/mL}$]	70	70	70	70	70	70	70	80	70	70
NaOCl	100	100	100	100	100	100	100	100	100	100
[$\mu\text{g/mL}$]	100	100	100	100	100	100	100	100	100	100
KMnO ₄	8.5	8.5	8.5	8.5	8.5	8.5	9.0	8.5	8.5	8.5
[mg/mL]	8.5	8.5	8.5	8.5	8.5	8.5	9.0	8.5	8.5	8.5
CHX	10	5	5	10	10	10	10	5	10	5
[$\mu\text{g/mL}$]	10	5	5	10	10	10	10	5	10	5
PVI	15	15	11.25	15	11.25	15	15	11.25	15	11.25
[mg/mL]	15	15	11.25	15	11.25	15	15	11.25	15	11.25
BA	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
[mg/mL]	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
ET	200	250	250	300	250	300	250	250	300	250
[$\mu\text{g/mL}$]	200	250	250	300	250	300	250	250	300	250