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An *in-vitro* study on synergetic antifungal activity of garlic extract with honey and lemon juice against *Candida* sp

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The incidence of *Candida* infections is increasing worldwide. The serious nature of these infections is compounded by increasing levels of drug resistance. Pure cultures of the *Candida* sp. was obtained from clinical isolates and fresh garlic extracts were obtained by extraction techniques. The antifungal activity of garlic extract was investigated in an *in vitro* system. The extract (100%, 75% and 50%) showed significant antifungal activity against *Candida*, whereas, low concentration (25%) of the extract showed less antifungal activity against the test organism. Antifungal activities of honey and lemon juice were tested against the *Candida*; however, the growth was not inhibited by these extracts. On the other hand honey and lemon when combined with garlic exhibited a good antifungal activity. The study thus confirms the antifungal properties of garlic extract along with additives like honey and lemon have significant antifungal activity against isolates of *Candida* species.

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