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Candida albicans Antigen Injection

National Cancer Institute

Source

National Cancer Institute. *Candida albicans Antigen Injection*. NCI Thesaurus. Code C150379.

An injectable formulation composed of antigens derived from the culture filtrate and cells of two different strains of *Candida albicans* (*C. albicans*), with immunomodulatory activity. Upon intralesional administration into the cutaneous human papilloma virus (HPV)-infected warts, the *C. albicans* antigens stimulate the immune system to mount a cytotoxic T-lymphocyte (CTL)-mediated immune response against the injected antigens and cause a delayed type hypersensitivity response against other local antigens, including antigens within the wart tissue. This leads to the production of Th1 cytokines, and the activation of natural killer (NK) cell- and CTL- mediated killing of HPV-infected cells. This causes clearing of both local and distant warts, and prevents both HPV infection and wart formation that results from HPV infection.