

Disease**Infectious agent****©2000, Derm Facts**

abscess	<i>Staphylococcus aureus</i> , <i>S. epidermidis</i> , α -hemolytic & non-hemolytic streptococci, <i>Bacteroides</i>
acrodermatitis chronica atrophicans	<i>Borrelia burgdorferi</i> (America), <i>B. garinii</i> , <i>B. afzelii</i> , (Europe); vector is <i>Ixodes ricinus</i> (sheep tick)
actinomycosis	<i>Actinomyces israelii</i> , <i>Streptomyces somaliensis</i> , <i>Actinomadura madurae</i> , <i>Actinomadura pelleterii</i> , <i>Nocardia asteroides</i> , <i>N. brasiliensis</i> , <i>N. caviae</i>
adult T-cell leukemia & lymphoma	human lymphotropic virus type 1 (HTLV-1)
ancylostomiasis	<i>Ancylostoma duodenale</i> , <i>Strongyloides stercoralis</i>
anthrax	<i>Bacillus anthracis</i>
aphthae, minor	? <i>Streptococcus sanguis</i> strain 2A
aspergillosis	<i>Aspergillus flavus</i> , (primary cutaneous aspergillosis) <i>A. fumigatus</i> (disseminated aspergillosis), <i>A. niger</i>
bacillary angiomatosis	<i>Bartonella henselae</i> , <i>B. quintana</i>
bacteremia, gram negative	<i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> , <i>Serratia marcescens</i> , <i>Aeromonas hydrophila</i> , <i>Vibrio vulnificus</i>
bacteremia, gram positive	<i>Staphylococcus aureus</i> , <i>Nocardia</i> spp.
<i>Bartonella</i>	bartonellosis, cat scratch d.
bartonellosis	<i>Bartonella bacilliformis</i> ; vector is <i>Phlebotomus</i> sandfly
bedbug bites	<i>Limex lectularis</i>
bejel (endemic syphilis)	<i>Treponema pallidum</i>
black dot hair	<i>Trichophyton tonsurans</i> , <i>T. violaceum</i>
blastomycosis	<i>Blastomyces dermatitidis</i>
blastomycosis-like pyoderma	coagulase positive staphylococci, β -hemolytic streptococci
blistering distal dactylitis	group A β -hemolytic streptococci, <i>Staphylococcus aureus</i> , <i>Streptococcus pyogenes</i>
<i>Borrelia</i>	Lyme d., morphea (Europe)
Boston exanthem	echovirus 16
Botryomycosis (actinophytosis)	<i>Staphylococcus aureus</i> , <i>Escherichia coli</i> , proteus, <i>Pseudomonas</i>
bowenoid papulosis	HPV-16
bullous impetigo	staphylococci phage 71, coagulase positive
buruli ulcer	<i>Mycobacterium ulcerans</i>
candidiasis	<i>Candida albicans</i> , <i>C. tropicalis</i> , <i>C. parapsilosis</i> , <i>C. krusei</i> , <i>C. kefyr</i> , <i>C. glabrata</i> (<i>Torulopsis glabrata</i>)
candidiasis, disseminated	<i>Candida albicans</i> , <i>C. tropicalis</i>
carbuncle	<i>Staphylococcus aureus</i>
Castleman's d. (plasma cell variant)	HHV-8
cat scratch disease	<i>Bartonella henselae</i> , <i>B. clarridgeiae</i>
cellulitis	<i>Staphylococcus aureus</i> , <i>Streptococcus pyogenes</i> , facial cellulitis in children; <i>Haemophilus influenzae</i> , post dog or cat bite; <i>Pasteurella multocida</i>
Chagas disease	<i>Trypanosoma cruzi</i> vector; reduviid bug
chancroid	<i>Haemophilus ducreyi</i>
<i>Chlamydia</i>	lymphogranuloma venereum
<i>Chlamydia</i>	psittacosis
chromoblastomycosis	<i>Cladosporium carrionii</i> , <i>Fonsecaea compacta</i> , <i>Fonsecaea pedrosoi</i> , <i>Phialophora verrucosa</i> , <i>Rhinocladiella aquaspersa</i>
CMV	Giannotti-Crosti s.
coccidioidomycosis	<i>Coccidioides immitis</i>
condyloma acuminata	HPV 6, 11, 16, 18

cryoglobulinemia	hepatitis B
cryptococcosis	<i>Cryptococcus neoformans</i>
cutaneous larva currens	<i>Strongyloides stercoralis</i>
cutaneous larva migrans	<i>Ancylostoma braziliensis</i> (#1 cause in US), <i>A. crinum</i> , <i>A. duodenale</i> , <i>Bunostomum phlebotomum</i> , <i>Necator americanus</i> , <i>Uncinaria stenocephala</i>
cutaneous small vessel vasculitis	group A β -hemolytic Streptococcus, <i>Staphylococcus aureus</i> , <i>Mycobacterium leprae</i> , HAV, HBV, HCV, HSV, influenza virus, <i>Candida albicans</i> , <i>Plasmodium malariae</i> , <i>Schistosoma haematobium</i> , <i>Schistosoma mansoni</i> , <i>Onchocerca volvulus</i>
cysticercosis	<i>Taenia solium</i> (pork tapeworm)
Dengue fever	arbovirus, vector is <i>Aedes aegypti</i> mosquito
diphtheria	<i>Corynebacterium diphtheriae</i>
dimorphic fungi	<i>Blatomyces dermatitidis</i> , <i>Coccidioides immitis</i> , <i>Paracoccidioides immitis</i> , <i>Histoplasma capsulatum</i> , <i>Sporothrix schenckii</i>
dirofilariasis	<i>Dirofilaria tenuis</i> , <i>D. immitis</i>
donovanosis (granuloma inguinale)	<i>Calymmatobacterium granulomatis</i>
dracunculosis (Guinea worm d.)	<i>Dracuncula medinensis</i> ; vector is <i>Cyclops</i> , water flea
EBV	exanthem, Giannotti-Crosti s., mononucleosis
ecthyma	group A, β -hemolytic streptococci &/or <i>Staphylococcus aureus</i>
ecthyma contagiosum (orf)	parapox virus
ecthyma gangrenosum	<i>Pseudomonas aeruginosa</i>
eczema herpeticum	HSV-1 , HSV-2
eczema vaccinatum	vaccinia (cowpox virus) – military contacts
enterobiasis	<i>Enterobius vermicularis</i>
epidermodysplasia verruciformis	HPV 5, 8, 9, 10, 12, 14, 15, 17, 19-29
erysipelas	β -hemolytic group A streptococci, group B, C, G streptococci
erysipeloid	<i>Erysipelothrix rhusiopathiae</i>
erythema infectiosum (5 th d.)	parvovirus B19
erythrasma	<i>Corynebacterium minutissimum</i>
eumycetoma	<i>Exophiala jeanselmii</i> , <i>Madurella mycetomi</i> , <i>Madurella grisea</i> , <i>Pseudallescheria boydii</i> ; also <i>Acremonium flaciforme</i> , <i>Acremonium kiliensis</i> , <i>Acremonium recifei</i> , <i>Aspergillus flavus</i> , <i>Aspergillus nidulans</i> , <i>Corynespora cassicola</i> , <i>Curvularia geniculata</i> , <i>Curvularia lunata</i> , <i>Cylindrocarpon cyanescens</i> , <i>Cylindrocarpon destructans</i> , <i>Fusarium moniliforme</i> , <i>Fusarium oxysporum</i> , <i>Fusarium solani</i> , <i>Hormonema</i> sp., <i>Leptosphaeria senegalensis</i> , <i>Leptosphaeria tompkinsii</i> , <i>Neotestudina rosatii</i> , <i>Phialophora verrucosa</i> , <i>Plenodomus avramii</i> , <i>Polycytella hominis</i> , <i>Pseudochaetosphaeronea larense</i> , <i>Pyrenochaeta mackinnonii</i> , <i>Pyrenochaeta romeroi</i> , <i>Scopulariopsis brumptii</i>
exanthems, viral	coxsackievirus, EBV, enterovirus, HBV, HIV, HSV 6, parvovirus, rubella, rubeola
fascioliasis	<i>Fasciola hepatica</i> , <i>F. gigantica</i>
favus	<i>T. schoenleinii</i>
felon	<i>Staphylococcus aureus</i> , <i>Streptococcus pyogenes</i> , gram negative bacilli
filariasis	<i>Brugia malayi</i> , <i>Brugia timori</i> , <i>Wuchereria bancrofti</i> , vector is <i>Culex</i> , <i>Aedes</i> , <i>Mansonia</i> , <i>Anopheles</i> mosquitos
fish tank granuloma	<i>Mycobacterium marinum</i>
flea-borne	dog tapeworm, murine typhus, plague
fly-borne	African trypanosomiasis, bartonellosis, leishmaniasis, loiasis, myiasis, onchocerciasis, tularemia, viral sand fly fever
focal epithelial hyperplasia	HPV 13, 32
fogo selvagem	vector is <i>Simulium privinosum</i>
folliculitis	gram negative ; <i>Enterobacter</i> , <i>Klebsiella</i> , <i>Proteus</i> , <i>Pseudomonas aeruginosa</i> (hot tub)

	gram positive ; <i>Staphylococcus aureus</i> other ; <i>Pityrosporum orbiculare</i> , <i>Demodex follicularum</i> , <i>Propionibacterium acnes</i> (?)
Fournier's gangrene	group A β -hemolytic streptococci, mixed aerobic & anaerobic infection
fungi, dimorphic	<i>Blatomyces dermatitidis</i> , <i>Coccidioides immitis</i> , <i>Paracoccidioides immitis</i> , <i>Histoplasma capsulatum</i> , <i>Sporothrix schenckii</i>
furuncle	<i>S. aureus</i>
genital warts	HPV 16, 18, 31, 33, 35
Giannotti-Crosti s.	BCG, Coxsackie A16, CMV, EBV, group A streptococcus, HAV, HBV , parainfluenza virus, polio virus, rotavirus, RSV, vaccinia virus
glanders	<i>Pseudomonas mallei</i>
gnathostomiasis	<i>Gnathosoma spinigeum</i> , <i>G. hispidum</i> , <i>G. hipponicum</i> ; intermediate host is <i>Cyclops</i>
gonorrhoea	<i>Neisseria gonorrhoeae</i>
grains/granules	black ; <i>curvularia geniculata</i> , <i>Helminthosporium spiciferum</i> , <i>Leprosphaeria senegalensis</i> , <i>Madurella grisea</i> , <i>M. mycetomi</i> , <i>Exophiala jeanselmii</i> , <i>Pyrenochaeta romeroi</i> red ; <i>Streptomyces pelletierii</i> white ; <i>Actinomyces israelii</i> , <i>Nocardia</i> spp, <i>Streptomyces somaliensis</i> , <i>Pseudallescheria boydii</i> , <i>Cephalosporium</i> spp, <i>Neotestudina rosatii</i> , botryomycosis, <i>Acremonium</i>
granuloma inguinale	<i>Calymmatobacterium (Donovania) granulomatis</i>
hairy leukoplakia	Candida, Epstein-Barr virus, herpesvirus, papillomavirus (associated with HIV)
hand, foot & mouth disease	coxsackievirus A 5, 9, 10, 16 ; enterovirus 71
HAV	Giannotti-Crosti s., cutaneous small vessel vasculitis
HBV	cryoglobulinemia, Giannotti-Crosti s., cutaneous small vessel vasculitis
HCV	cutaneous small vessel vasculitis associations : PCT
herpangina	coxsackievirus A 1-6, 8, 10, 22 (picornavirus group), coxsackie B, Echovirus 9, 16, 17
herpes zoster	varicella zoster virus
herpes, genital	HSV 2 , HSV 1
herpes, oral	HSV 1 , HSV 2
HHV-6	roseola infantum
HHV-8	Castleman's d. (plasma cell variant), Kaposi's sarcoma, primary effusion lymphoma
histoplasmosis	<i>Histoplasma capsulatum</i>
hookworm (uncinariasis)	<i>Ancylostoma duodenale</i> , <i>Necator americanus</i> , <i>A. ceylanicum</i>
hordeolum	<i>Staphylococcus</i>
HSV	cutaneous small vessel vasculitis, paronychia
impetigo contagiosum	group A streptococci, <i>S. aureus</i>
impetigo of Bockhart	<i>Staphylococcus aureus</i>
impetigo, bullous	<i>Staphylococcus aureus</i> (group II phage type 71)
Kaposi's sarcoma	HSV 8
<i>Klebsiella</i>	folliculitis
larva currens	<i>Strongyloides stercoralis</i>
larva migrans	<i>Hypoderma</i> -cattle warble fly, <i>Gastrophilus</i> -horse botfly
leishmaniasis	American (mucocutaneous, espundia): <i>Leishmaniasis braziliensis</i> , <i>L. panamanensis</i> vector; <i>Phlebotomus</i> sandfly, <i>Lutzomyia longipalpis</i> , <i>Psychodopygus wellcomei</i> , <i>Sergeutomya</i> cutaneous : (oriental sore, Delhi boil, old world cutaneous) <i>L. tropica</i> , <i>L. major</i> , <i>L. aethiopica</i> , <i>L. infantum</i> (new world cutaneous); <i>L. mexicana</i> complex, <i>L. braziliensis</i> complex, <i>L. amazonensis</i> wet form (rural); <i>L. major</i> dry form (urban); <i>L. tropica</i> chronic (leishmania recidivans) <i>L. tropica</i> diffuse cutaneous (old world); <i>L. aethiopica</i> (new world); <i>L. braziliensis</i> complex leishmaniasis recidivans; <i>L. tropica</i>

	posst-kala-azar dermal leishmaniasis; <i>L. donovani</i> visceral ; <i>L. donovani</i> , <i>L. infantum</i> , <i>L. chagasi</i> vectors; <i>Phlebotomus</i> sandfly, <i>Lutzomyia longipalpis</i>
leprosy	<i>Mycobacterium leprae</i>
leptospirosis	<i>Leptospira interrogans</i>
lice	<i>Pediculus humanus corporis</i> , <i>P. humanus capitis</i> , <i>Pthirus pubis</i>
loiasis	<i>Loa loa</i> ; vector is <i>Chrysops dicalis</i> , <i>C. dimidia</i> , <i>C. silacea</i> deer fly
louse-borne	epidemic typhus, relapsing fever, trench fever
Lyme d.	<i>Borrelia burgdorferi</i> , vector is <i>Amblyoma americanum</i> (lone star tick), <i>Ixodes damamini</i> , <i>I. Scapularis</i> , <i>I. pacificus</i>
lymphogranuloma venereum	<i>Chlamydia trachomatis</i>
Majocchi's granuloma	<i>Trichophyton rubrum</i>
<i>Malassezia furfur</i>	achromia parasitica, confluent & reticulated papillomatosis of Gougerot & Carteaud, folliculitis, obstructive dacryocystitis, seborrheic dermatitis, tinea versicolor
measles	paramyxovirus
Mediterranean fever	vector is <i>Rhipicephalus sanguineus</i> (brown dog tick)
migratory lesions	cutaneous larva migrans, dracunculiasis, fascioliasis, gnathostomiasis, hookworm, loiasis, paragonimiasis, sparganosis, strongyloidiasis
milker's nodule	paravaccinia virus
mite	house dust mite: <i>Dermatophagoides pteronyssinus</i> chiggers: <i>Trombiculid alfreddugesi</i> , <i>Allodermanyssus splendens</i>
mite-borne	plague, rickettsialpox, scrub typhus, typhus, viral encephalitis
molluscum contagiosum	poxvirus; MCV I, MCV II
mononucleosis	Epstein-Barr virus
morphea	<i>Borriellia</i>
mosquito-borne	dengue, Eastern equine encephalitis, filariasis, La Crosse encephalitis, malaria, St. Louis encephalitis, Venezuelan equine encephalitis, Western equine encephalitis, yellow fever
mycetoma (Madura foot)	Actinomycotic ; <i>Actinomadura maduae</i> , <i>A. pelletieri</i> , <i>Nocardia asteroides</i> , <i>N. brasiliensis</i> , <i>N. caviae</i> , <i>Streptomyces somaliensis</i> Eumycotic ; <i>Acremonium recifei</i> , <i>A. keliense</i> , <i>A. falciforme</i> , <i>Aspergillus nidulan</i> , <i>Curvularia lunata</i> , <i>C. geniculata</i> , <i>Exophiala jeanselmei</i> , <i>Fusarium moniliforme</i> , <i>Leptosphaeria senegalensis</i> , <i>Madurella mycetomi</i> , <i>M. grisea</i> , <i>Neotestudina rosati</i> , <i>Petriellidium boydii</i> , <i>Pseudallescheria boydii</i> , <i>Pyrenochaeta romeroi</i>
<i>Mycobacterium</i>	buruli ulcer, cutaneous small vessel vasculitis, fish tank granuloma, leprosy
myiasis	<i>Callitroga americana</i> (#1 in US), <i>Chrysomia bezziana</i> , <i>Cochliomyia hominivorax</i> , <i>Condylobia anthragrophaga</i> , <i>Dermatobia hominis</i> , <i>Wohlfahrtia</i> spp.
necrotizing fasciitis	<i>Bacteroides</i> , group A, β -hemolytic streptococci, enterococci, mixed aerobic & anaerobic bacteria, <i>Pseudomonas</i> , staphylococci
<i>Neisseria</i>	gonorrhea
nodule/cyst (helminthic)	coenurosis, cutaneous larva migrans, cysticercosis, dirofilaris, dracunculiasis, echinococcosis, fascioliasis, filariasis, gnathostomiasis, loiasis, onchocerciasis, paragonimiasis, schistosomiasis, sparganosis, visceral larva migrans
nucleic acid	DNA ; Herpes virus family (dsDNA), human papillomaviruses, molluscum contagiosum (poxvirus), paravaccinia virus (milker's nodule), poxvirus (orf) RNA ; enterovirus (HFM disease), Coxsackie virus (HFM disease), paramyxovirus (rubeola, measles, mumps)
onchocerciasis	<i>Onchocerca volvulus</i> , vector is <i>Simulium</i> (black fly)
onychomycosis	dermatophyte fungi (90%); <i>Trichophyton rubrum</i> , <i>T. mentagrophytes</i> , <i>Epidermophyton floccosum</i> nondermatophyte fungi (3%); <i>Acremonium</i> , <i>Aspergillus</i> sp., <i>Fusarium</i> sp., <i>Onychochola canadensis</i> , <i>Scopulariopsis brevicaulis</i> , <i>Scytalidium dimidiatum</i> , <i>Scytalidium hyalinum</i> yeast (7%); <i>Candida albicans</i> , others

oral hairy leukoplakia	Epstein-Barr virus
orf	parapoxvirus
otitis externa	<i>Staphylococcus aureus</i> , <i>Pseudomonas</i>
paracoccidioidomycosis	<i>Paracoccidioides brasiliensis</i>
paragonimiasis	<i>Paragonimus westermani</i>
paravaccinia virus	milker's nodule
paronychia	fungal, HSV, <i>Pseudomonas</i> , <i>Staphylococcus aureus</i> , streptococci (group A)
pediculosis	<i>Pediculus humanus capitis</i> , <i>P. humanus corporis</i> , <i>Pthirus pubis</i>
phaeohyphomycosis	<i>Exophiala jeanselmei</i>
piedra, black	<i>Piedraia hortae</i> (ascomycete)
piedra, white	<i>Trichosporon beigeei</i>
pinta	<i>Treponema carateum</i>
pinworm	<i>Enterobius vermicularis</i>
pitted keratolysis	<i>Corynebacterium</i> , <i>Dermatophilus congolensis</i> , <i>Micrococcus sedentarius</i>
<i>Pityrosporum ovale</i>	see <i>Malassezia furfur</i>
plague	<i>Yersinia pestis</i> ; vector is <i>Xenopsylla cheopis</i> flea
pruritic lesions (helminthic)	cercarial dermatitis, cutaneous larva migrans, dracunculiasis, enterobiasis, fascioliasis, gnathostomiasis, hookworm, loiasis, onchocerciasis, schistosomiasis, strongyloidiasis, visceral larva migrans
<i>Pseudomonas</i>	bacteremia (gram negative), ecthyma gangrenosum, folliculitis, glanders, otitis externa, paronychia
psittacosis	<i>Chlamydia psittaci</i>
purpura fulminans	Group A <i>Streptococcus pyogenes</i> , varicella
Q fever	<i>Rickettsia burnetti</i>
rat-bite fever	<i>Spirillum moniliformis</i> , <i>Spirillum minus</i>
Reiter's syndrome	<i>Chlamydia trachomatis</i> , <i>Salmonella</i> , <i>Shigella</i> , <i>Yersinia enterocolitica</i>
relapsing fever	<i>Borrelia recurrentis</i> , <i>Borrelia duttonii</i> vector is <i>Pediculosis humanis corporis</i> louse
relapsing fever, tick borne	<i>Borrelia spp.</i> Vector is <i>Ornithodoros</i> tick
rhinoscleroma	<i>Klebsiella rhinoscleromatis</i>
<i>Rickettsia</i>	Q fever, rickettsialpox, Rocky Mountain spotted fever, scrub typhus, trench fever
rickettsialpox	<i>Rickettsia akari</i> , vector is <i>Allodermanyssus sanguineus</i> (dog mite)
Rocky Mountain spotted fever	<i>Rickettsia rickettsii</i> vectors are <i>Dermacentor viriabilis</i> (eastern US), <i>Dermacentor andersoni</i> (Rocky Mountain wood tick-western US), <i>Amblyoma americanum</i> (lone star tick)
rosacea	<i>Demodex</i> mite (?)
roseola infantum	Herpes virus 6
rubella	togavirus
<i>Salmonella</i>	enteric fever, erythema typhosum, erythema nodosum
salmonellosis	<i>Salmonella typhi</i> & <i>paratyphi</i>
scabies	<i>Pediculosis humanis corporis</i>
scarlet fever	<i>Streptococcus pyogenes</i> ; pyrogenic exotoxin A, B, or C
schistosomiasis	<i>Schistosoma mansoni</i> , <i>S. japonicum</i> , <i>S. haematobium</i> , <i>S. mekongi</i>
scrub typhus	<i>Rickettsia tsutsugamushi</i> vector is the <i>Trombicula deliensis</i> tick, <i>Trombiculid akamushi</i> , <i>T. deliense</i> mite
soduku	<i>Spirium minus</i>
sparganosis	<i>Spirometra erinacerei</i> , <i>S. mansoni</i> , <i>S. mansonoides</i> , <i>S. proliferum</i>
sporotrichosis	<i>Sporothrix schenckii</i>
staphylococcal	abscess, blistering digital dactylitis, botryomycosis, bullous impetigo, carbuncle, cellulitis, Chediak-Higashi s., chronic granulomatous d., ecthyma, erysipelas, felon, folliculitis, furuncle, hordeolum, impetigo, Job's s., lymphangitis, otitis externa, paronychia, perianal dermatitis, pyoderma, pyomyositis, septic vasculitis, SSSS, stye, toxic shock s., whitlow

staphylococcal scalded skin s.	<i>Staphylococcus aureus</i> phage group II
streptococcal	blistering distal dactylitis, cellulitis, ecthyma, erysipelas, erythema elevatum diutinum, erythema nodosum, gangrene, Gianotti-Crosti s., guttate psoriasis, Henoch-Schönlein panniculitis, impetigo, intertrigo, lymphangitis (acute), paronychia, perianal cellulitis, polyarteritis nodosa, purpura, purpura fulminans, scleredema, streptococcal scalded skin s., subacute nodular migratory tinea amiantacea, toxic shock-like s., vulvovaginitis associated: erythema multiforme, erythema nodosum, guttate psoriasis, vasculitis
streptococcal scalded skin s.	<i>Streptococcus pyogenes</i> ; pyrogenic exotoxin A, B, C
strongyloidiasis	<i>Strongyloides stercoralis</i> (larva currens)
stye	<i>Staphylococcus</i>
swimmer's itch	<i>Schistosoma cercariae</i>
syphilis	<i>Treponema pallidum</i>
tick paralysis	vector is <i>Dermacentor variabilis</i> (American dog tick)
tick-borne	babesiosis, Colorado tick fever, ehrlichiosis, Lyme borreliosis, Powassan encephalitis, Q-fever, relapsing fever, Rocky Mountain spotted fever
tinea barbae	<i>Trichophyton verrucosum</i> , <i>T. mentagrophytes</i>
tinea capitis	<i>Microsporum canis</i> (#1 worldwide), <i>Trichophyton tonsurans</i> (#1 US), <i>T. violaceum</i> , <i>M. ferrugineum</i> , <i>T. schoenleinii</i>
tinea corporis	<i>T. rubrum</i> , <i>M. canis</i> , <i>T. mentagrophytes</i>
tinea cruris	<i>T. rubrum</i> , <i>Epidermophyton floccosum</i> , <i>T. mentagrophytes</i>
tinea manum	<i>E. floccosum</i> , <i>T. rubrum</i> , <i>T. mentagrophytes</i>
tinea nigra	<i>Exophiala werneckii</i>
tinea pedis	<i>T. rubrum</i> , <i>E. floccosum</i> , <i>T. mentagrophytes</i>
tinea versicolor	<i>Malassezia furfur</i> (<i>Pityrosporum ovale</i>)
toxic shock syndrome	<i>Staphylococcus aureus</i> ; > 90%; toxic shock syndrome toxin-1 (TSST-1)
toxoplasmosis	<i>Toxoplasma gondii</i>
trench fever	<i>Rickettsia quintana</i> , (<i>Rochilemea quintanus</i>); vector is <i>Pediculus humanis corporis</i> louse
trichinosis	<i>Trichinella spiralis</i>
trichomycosis axillaris	<i>Corynebacterium tenuis</i>
<i>Trichophyton</i>	black dot hair, Majocchi's granuloma, onychomycosis, tinea barbae, tinea capitis, tinea corporis, tinea cruris, tinea manum, tinea pedis
trypanosomiasis	African: <i>Trypanosoma gambiense</i> , <i>T. rhodesiense</i> vector; <i>Glossina palpalis</i> -tsetse fly American (Chagas d.): <i>T. cruzi</i> vector; assassin bug, kissing bug, reduvid bug Rhodesian vector; <i>Glossina morsitans</i>
tuberculosis	<i>Mycobacterium bovis</i> , <i>M. tuberculosis</i>
tularemia	<i>Francisella tularensis</i> vectors; <i>Chrysops dicalis</i> deer fly, <i>Dermacentor andersoni</i> (Rocky Mountain wood tick) <i>Amblyoma americanum</i> (lone star tick)
tungiasis	<i>Tunga penetrans</i> ; sand flea
typhus	endemic (murine): <i>Rickettsia typhi</i> ; vector <i>Xenopsylla cheopis</i> , <i>Nosopsyllus faasciatus</i> fleas epidemic: <i>Rickettsia prowazekii</i> vector is <i>Pediculus humanis corporis</i> louse scrub: <i>Rickettsia tsutsugamushi</i>
urticaria, acquired cold	EBV
verruca (papovavirus; dsDNA)	actinic keratosis; HPV 36 anogenital intraepithelial neoplasia (precancerous); HPV 16, 18, 31, 33, 34, 35, 39, 40, 42-45, 51-56, 58, 59, 61, 62, 64, 67-69, 71 anogenital warts, cervical condyloma; HPV 6, 11 butcher's warts; HPV 7 cervical carcinoma; HPV 66 common warts; HPV 2, 4, 27, 29 common warts (immunosuppression); HPV 26 common warts (organ allograft recipient); HPV 77

	epidermoid cyst; HPV 60 epidermodysplasia verruciformis, benign & malignant (macular warts); HPV 5, 8, 9, 12, 14, 15, 17, 19-25, 36, 46, 47, 50 flat warts; HPV 3, 10, 28 flat wart (immunosuppressed); 49 genital warts; HPV 11 keratoacanthoma; HPV 16, 37 laryngeal papillomas; HPV 11 laryngeal carcinoma; HPV 30 melanoma; HPV 38 myrmecia wart; HPV 63 oral focal epithelial hyperplasia; HPV 13, 32 oral papillomas; HPV 57 oral papillomas (HIV patient); HPV 72, 73 palmoplantar warts; HPV 1 pigmented wart; HPV 65 squamous cell carcinoma (cutaneous); HPV 41, 48 vulvar papilloma; HPV 70
Weil's d.	<i>Leptospira interrogans serovar icterohemorrhagiae</i>
Whipple's d.	<i>Tropheryma whipplei</i>
yaws	<i>Treponema pertenue</i> vector is <i>Hippelates</i> fly
zygomycosis	<i>Absidia, Apophysomyces, Basidiobolus, Cunninghamella, Mortierella, Mucor, Rhizopus, Saksenaea</i>