

Supplementary Material in order of appearance in main text

Supplementary Table 1. Definitions of the basic descriptive dermatological terms used in the decision tree, following the 2016 International League of Dermatological Societies' revised glossary.

Lesion (diameter)	Characteristics
Macule (≤ 1 cm) Patch (> 1 cm)	Flat, circumscribed, non-palpable lesion that differs in color from the surrounding skin, of any color or shape
Papule (≤ 1 cm)	Elevated, solid, palpable lesion
Plaque (>1 cm)	Circumscribed, palpable lesion (can be elevated and can be secondary to a coalescence of papules)
Vesicle (≤ 1 cm) Bulla (> 1 cm)	Circumscribed lesion containing liquid (clear, serous or hemorrhagic)
Nodule (> 1 cm)	Elevated, solid lesion (i.e. no liquid contained)
Erosion	Loss of either a portion of or the entire epithelium (can be secondary to the detachment of the roof of a vesicle)
Ulcer	Full-thickness loss of the epithelium plus at least a portion of the underlying connective tissue

Supplementary Data 1. Initial research equation, refined research equation and full review references

("mouth mucosa"[MeSH Terms] OR "oral manifestations"[MeSH Terms] OR "tongue"[MeSH Terms] OR "cheek"[MeSH Terms] OR "lip"[MeSH Terms] OR "gingiva"[MeSH Terms] OR "palate"[MeSH Terms] OR "mucous membrane"[MeSH Terms] OR "mouth"[MeSH Terms]) AND ("stomatitis, herpetic"[MeSH Terms] OR "herpes labialis"[MeSH Terms] OR "chickenpox"[MeSH Terms] OR "herpes zoster"[MeSH Terms] OR "varicella zoster virus infection"[MeSH Terms] OR "infectious mononucleosis"[MeSH Terms] OR "cytomegalovirus infections"[MeSH Terms] OR "exanthema subitum"[MeSH Terms] OR "sarcoma, kaposi"[MeSH Terms] OR "herpangina"[MeSH Terms] OR "hand, foot and mouth disease"[MeSH Terms] OR "measles"[MeSH Terms] OR "mumps"[MeSH Terms] OR "papilloma"[MeSH Terms] OR "focal epithelial hyperplasia"[MeSH Terms] OR "condylomata acuminata"[MeSH Terms] OR "rubella"[MeSH Terms] OR "Chikungunya Fever"[Mesh Terms] OR "Dengue"[Mesh Terms] OR "hiv infections"[MeSH Terms] OR "molluscum contagiosum"[MeSH Terms] OR "erythema infectiosum"[MeSH Terms] OR "Parasitic Diseases"[Mesh Terms] OR "Virus Diseases"[Mesh Terms] OR "impetigo"[MeSH Terms] OR "scarlet fever"[MeSH Terms] OR "tonsillitis"[MeSH Terms] OR "actinomycosis"[MeSH Terms] OR "noma"[MeSH Terms] OR "tuberculosis, oral"[MeSH Terms] OR "tuberculosis"[MeSH Terms] OR "leprosy"[MeSH Terms] OR "pneumonia, bacterial"[MeSH Terms] OR "erythema multiforme"[MeSH Terms] OR "syphilis"[MeSH Terms] OR "chancre"[MeSH Terms] OR "candidiasis, oral"[MeSH Terms] OR "paracoccidioidomycosis"[MeSH Terms] OR "histoplasmosis"[MeSH Terms] OR "mucormycosis"[MeSH Terms] OR "aspergillosis"[MeSH Terms] OR "cryptococcosis"[MeSH Terms] OR "trichomonas infections"[MeSH Terms] OR "leishmaniasis"[MeSH Terms] OR "leishmaniasis, mucocutaneous"[MeSH Terms] OR "schistosomiasis"[MeSH Terms] OR "trypanosomiasis, african"[MeSH Terms] OR "Chagas disease"[MeSH Terms] OR "toxoplasmosis"[MeSH Terms] OR "cysticercosis"[MeSH Terms] OR "trichuriasis"[MeSH Terms] OR "echinococcosis"[MeSH Terms] OR "ascariasis "[MeSH Terms] OR "myiasis"[MeSH Terms])

[INITIAL RESEARCH EQUATION] NOT "stomatitis, herpetic"[MeSH Terms] NOT "herpes labialis"[MeSH Terms] NOT "chickenpox"[MeSH Terms] NOT "herpes zoster"[MeSH Terms] NOT "varicella zoster virus infection"[MeSH Terms] NOT "infectious mononucleosis"[MeSH Terms] NOT "herpangina"[MeSH Terms] NOT "hand, foot and mouth disease"[MeSH Terms] NOT "measles"[MeSH Terms] NOT "mumps"[MeSH Terms] NOT "papilloma"[MeSH Terms] NOT "focal epithelial hyperplasia"[MeSH Terms] NOT "condylomata acuminata"[MeSH Terms] NOT "hiv infections"[MeSH Terms] NOT "scarlet fever"[MeSH Terms] NOT "tuberculosis, oral"[MeSH Terms] NOT "tuberculosis"[MeSH Terms] NOT "pneumonia, bacterial"[MeSH Terms] NOT "erythema multiforme "[MeSH Terms] NOT "leishmaniasis"[MeSH Terms] NOT "cysticercosis"[MeSH Terms] NOT "candidiasis, oral"[MeSH Terms] NOT "paracoccidioidomycosis"[MeSH Terms] NOT "histoplasmosis"[MeSH Terms] NOT "mucormycosis"[MeSH Terms]

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Supplementary Figure 1. Flow chart of the articles' selection process

