

Table 14. Urticaria and Angioedema (see also Anaphylaxis, Drug Allergy, Food Allergy)

Referral Guideline	Rationale	Evidence Type
Patients with acute urticaria or angiodema without an obvious or previously defined trigger	After a severe allergic reaction without a known cause, a trigger should be identified if at all possible ¹ . An	Diagnostic
	allergist/immunologist is the most appropriate medical	Indirect outcome
	professional to perform this evaluation ² , which may include a	(avoidance)
	detailed history, physical examination, skin testing, in-vitro	
	identified triggers should prevent subsequent anophylactic	
	episodes	
Patients with acute urticaria or angioedema due to a presumed food or drug with need for diagnostic	See Food Allergy and Drug Allergy sections	Diagnostic
confirmation or assistance with avoidance procedures ³		Indirect outcome
		(avoidance)
Patients with chronic urticaria or angioedema, i.e. those	Allergists and dermatologists have more expertise in caring	Diagnostic
with lesions recurring persistently over a period of six	urticaria often has an autoimmune nathogenesis ⁵	Indirect outcome
weeks of more.	Consultation with an allergist/immunologist would include:	(avoidance
	1) reviewing possible etiologic factors (medications,	pharmacotherapy)
	supplements, dietary factors, animal exposures, physical	
	factors),	
	2) possible skin testing	
	3) possible physical challenges	
	optimal pharmacotherapy ^{1,2,4-9} .	
	Allergy/immunology specialists are also knowledgeable of the	
	otherwise normal examination. ^{1,2,4,10}	
	otherwise normal examination.	

Referral Guideline	Rationale	Evidence Type
Patients who may have urticarial vasculitis or urticaria with systemic disease (vasculidities, connective tissue	Allergist/immunologist training and expertise should allow appropriate differential diagnosis, determination of the need	Diagnostic
 disease, rarely malignancies): a. Lesions last more than 24 hours, leave ecchymotic, purpuric or hyperpigmented residua on/under the skin, or are associated with pain or burning. b. Patients who have typical urticaria/angioedema but have signs and symptoms suggestive of systemic illness. c. Patients whose symptom control requires regular steroid use. 	for biopsy, elimination of a specific inciting agent, and optimal pharmacotherapy. ^{2,6,10-13}	Indirect outcome (avoidance, pharmacotherapy)
Patients with chronically recurring angioedema without urticaria.	Such patients may have hereditary or acquired angioedema, paraproteinemia or B-cell malignancies. Allergist/immunologist	Diagnostic
	expertise should allow optimal differential diagnosis,	Indirect outcome
	determination of the need for hematology/oncology evaluation, and pharmacologic therapy of hereditary or acquired angioedema due to C1 esterase inhibitor deficiency. ¹⁴⁻¹⁹	(pharmacotherapy)
Patients with suspected or proven cutaneous or systemic mastocytosis.	Allergist/immunologists are trained to diagnose and treat this disease ^{2,20-22} .	Diagnostic
		Indirect outcome
		(pharmacotherapy)

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