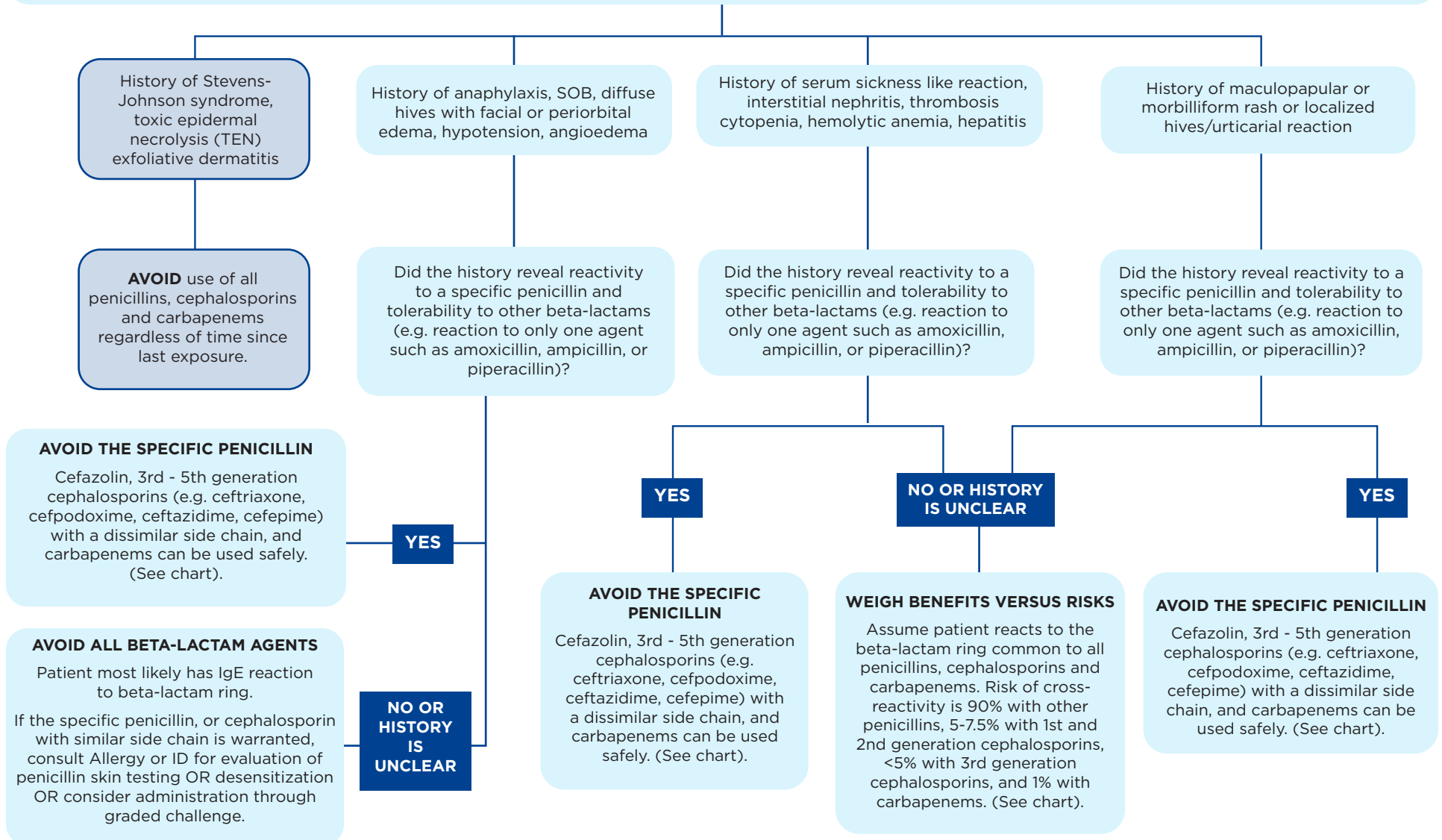


BETA-LACTAM ALLERGY EVALUATION

PENICILLIN ALLERGY EVALUATION

IN A PATIENT WITH A SUSPECTED OR DOCUMENTED ALLERGY TO A PENICILLIN

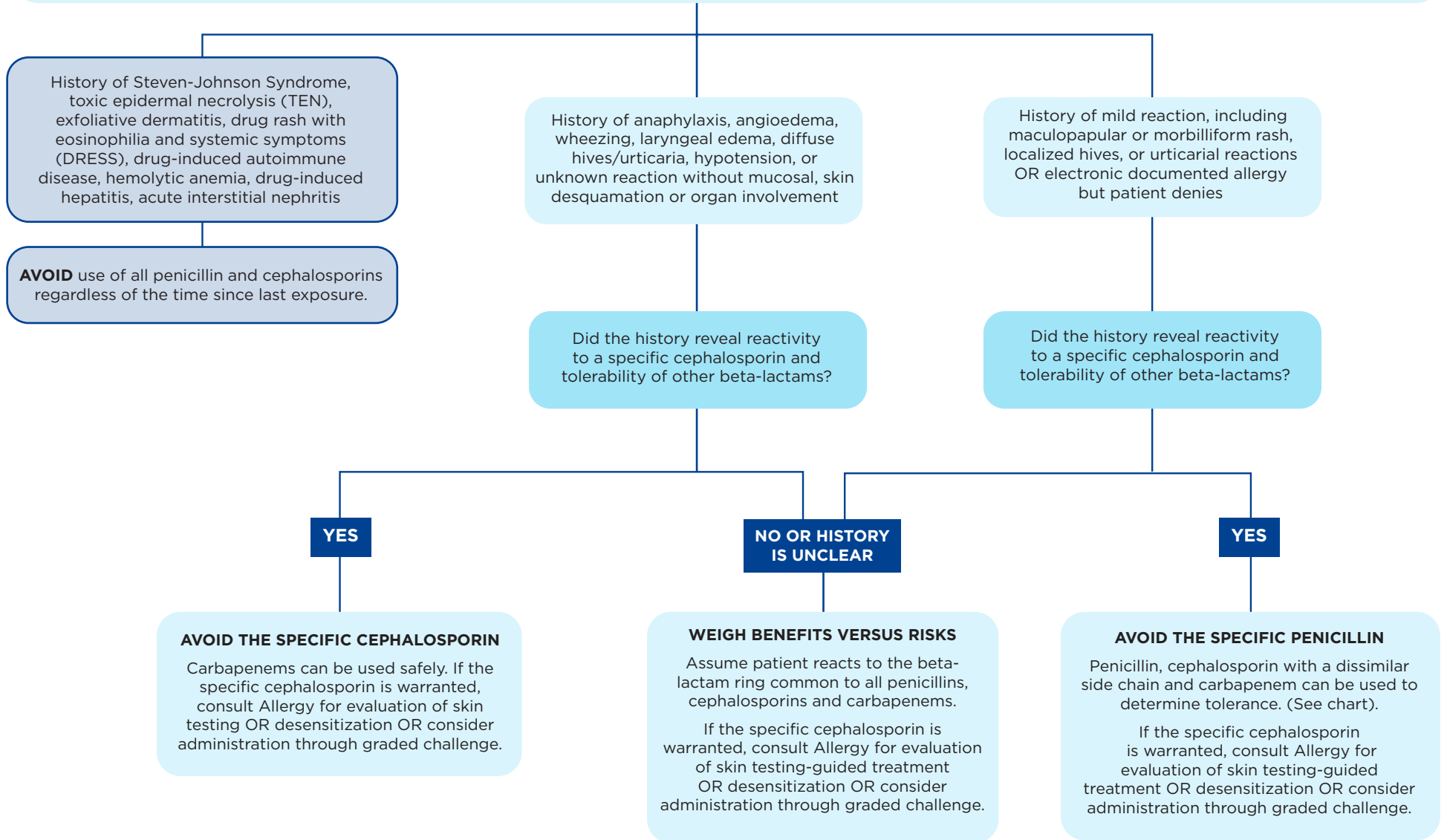
OBTAIN A HISTORY: Age at the time of the reaction; description of the reaction; which penicillin the patient reacted to; route of administration; day of therapy that reaction occurred; whether treatment was required; type of treatment; whether the patient can tolerate other penicillins or cephalosporins.



CEPHALOSPORIN ALLERGY EVALUATION

IN AN ADULT PATIENT WITH A SUSPECTED OR DOCUMENTED ALLERGY TO CEPHALOSPORIN

OBTAIN A HISTORY: Age at the time of the reaction; description of the reaction; which cephalosporin the patient reacted to; route of administration; day of therapy that reaction occurred; whether treatment was required; type of treatment; whether the patient can tolerate other penicillins or cephalosporins.



PENICILLIN & CEPHALOSPORIN CROSS-REACTIVITY CHART

R1	AVOID USE due to identical R1 side chain structures
R2	AVOID USE due to identical R2 side chain structures

	Cross reactivity less likely due to dissimilar R1 and R2 side chain structures.
	CAUTION USE. Similar R1 or R2 side chain structures.

		Penicillin					1st Gen			2nd Gen				3rd Gen					4th Gen	5th Gen			Mono	
		Penicillin G/V	Oxacillin	Amoxicillin	Ampicillin	Piperacillin	Cephalexin	Cefazolin	Cefadroxil	Cefaclor	Cefoxitin	Cefprozil	Cefuroxime	Cefdinir	Cefixime	Cefpodoxime	Ceftazidime	Ceftriaxone	Cefepime	Ceftaroline	Ceftolozane	Cefiderocol	Aztreonam	
Penicillin	Penicillin G/V																							
	Oxacillin																							
	Amoxicillin							R1			R1													
	Ampicillin					R1			R1															
	Piperacillin																							
1st Gen	Cephalexin				R1				R1															
	Cefazolin																							
	Cefadroxil			R1							R1													
2nd Gen	Cefaclor				R1		R1																	
	Cefoxitin											R2												
	Cefprozil			R1				R1																
	Cefuroxime									R2														
3rd Gen	Cefdinir													R2										
	Cefixime													R2										
	Cefpodoxime																R1	R1						
	Ceftazidime																				R1		R1	
	Ceftriaxone															R1			R1					
4th Gen	Cefepime														R1		R1							
5th Gen	Ceftaroline																							
	Ceftolozane																							
	Cefiderocol																R1						R1	
Mono	Aztreonam																R1					R1		

