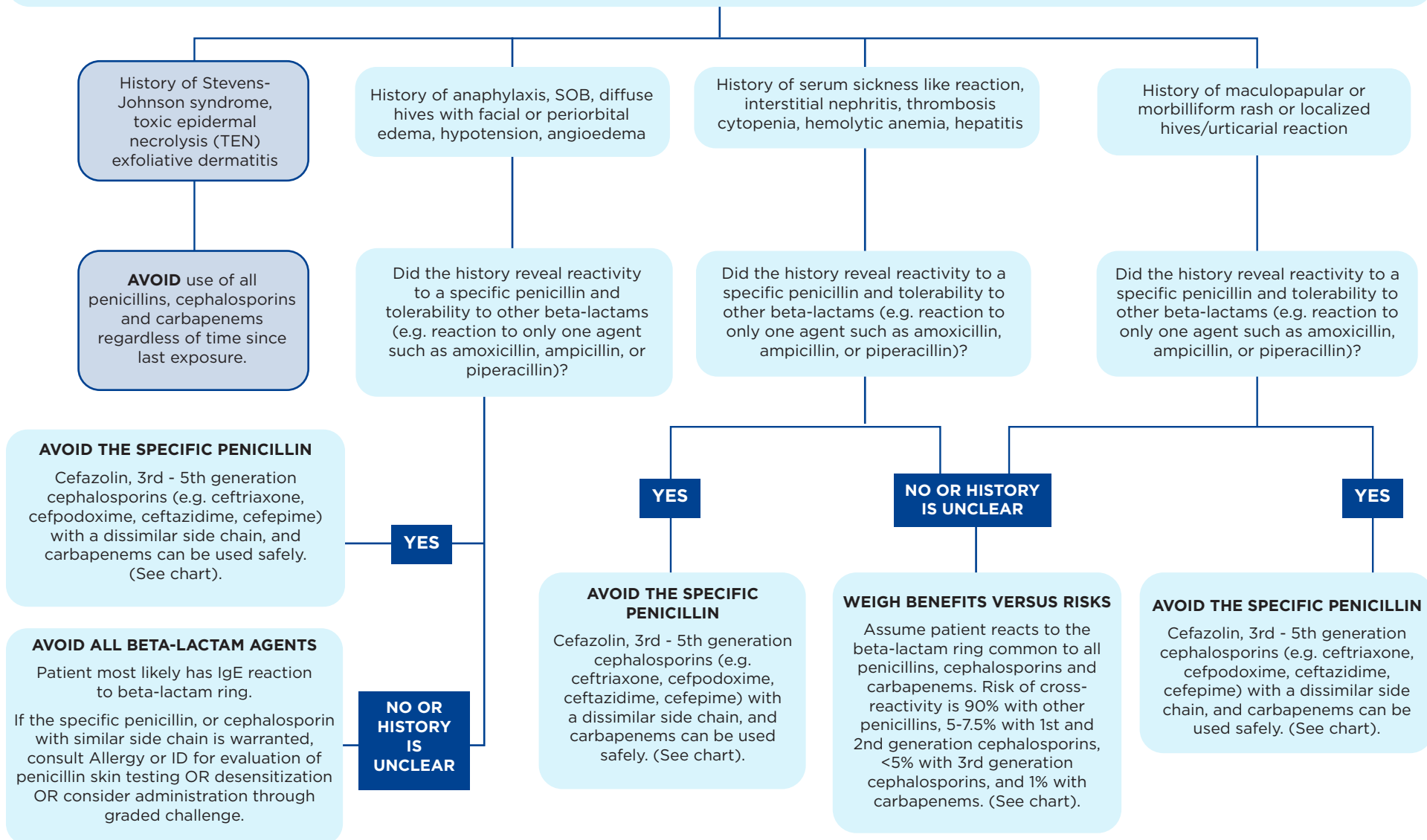


# BETA-LACTAM ALLERGY EVALUATION

## PENICILLIN ALLERGY EVALUATION

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

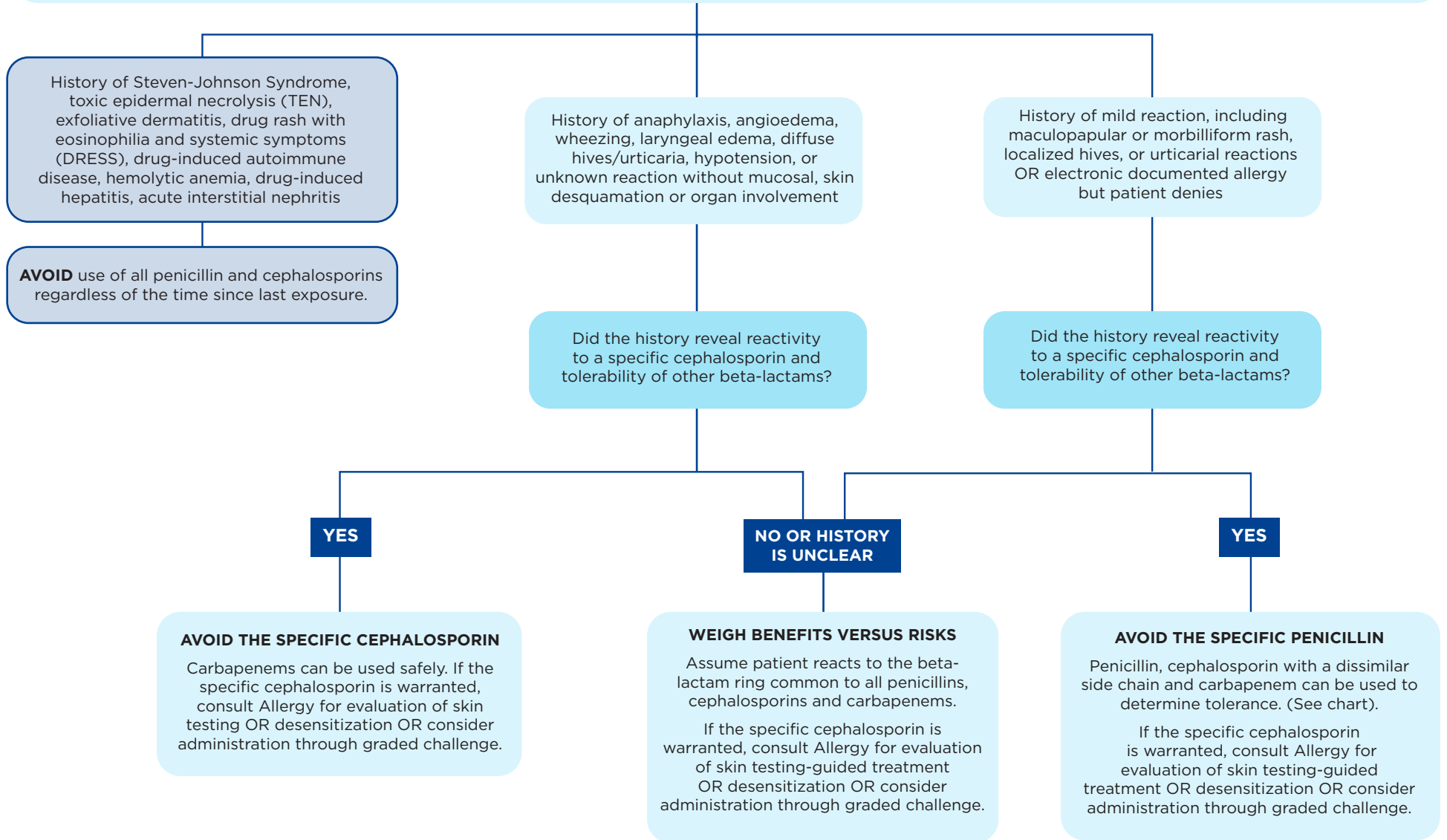
**OBTAIN A HISTORY:** Age at the time of the reaction; description of the reaction; which penicillin the patient reacted to; route of administration; day of therapy that reaction occurred; whether treatment was required; type of treatment; whether the patient can tolerate other penicillins or cephalosporins.



# 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

<b>R1</b>	<b>AVOID USE</b> due to identical R1 side chain structures
<b>R2</b>	<b>AVOID USE</b> due to identical R2 side chain structures

	Cross reactivity less likely due to dissimilar R1 and R2 side chain structures.
	<b>CAUTION USE.</b> 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
<b>Penicillin</b>	Penicillin G/V																						
	Oxacillin																						
	Amoxicillin																						
	Ampicillin																						
	Piperacillin																						
<b>1st Gen</b>	Cephalexin																						
	Cefazolin																						
	Cefadroxil																						
<b>2nd Gen</b>	Cefaclor																						
	Cefoxitin																						
	Cefprozil																						
	Cefuroxime																						
<b>3rd Gen</b>	Cefdinir																						
	Cefixime																						
	Cefpodoxime																						
	Ceftazidime																						
	Ceftriaxone																						
<b>4th Gen</b>	Cefepime																						
<b>5th Gen</b>	Ceftaroline																						
	Ceftolozane																						
	Cefiderocol																						
<b>Mono</b>	Aztreonam																						