
DRESS syndrome

adverse reaction term that is currently used to describe a hypersensitivity reaction with an estimated mortality of up to 10%

SYMPTOMS OF THE DISEASE

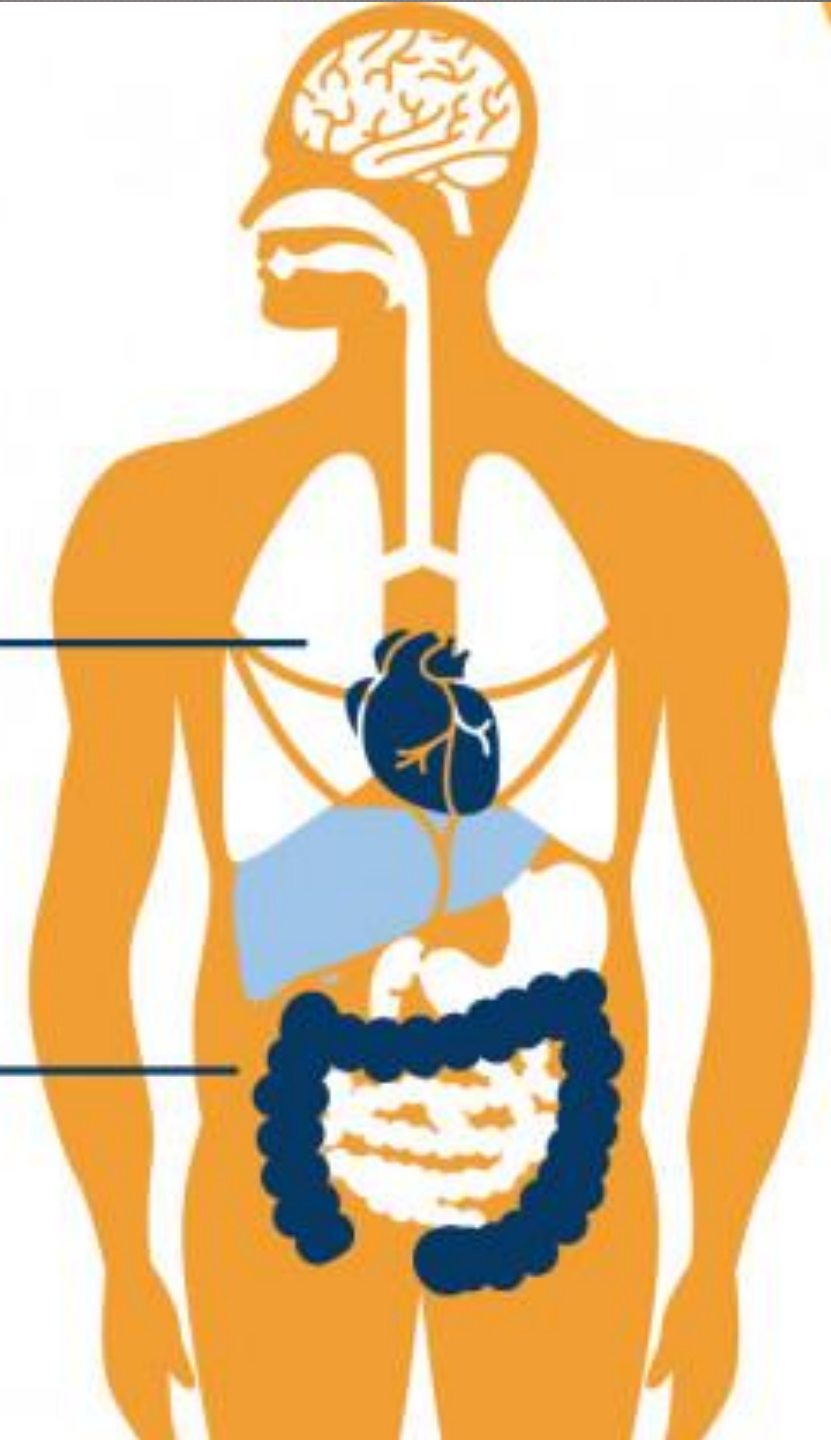
SYMPTOM 1

Fever
skin rash
hematological disturbances



SYMPTOM 2

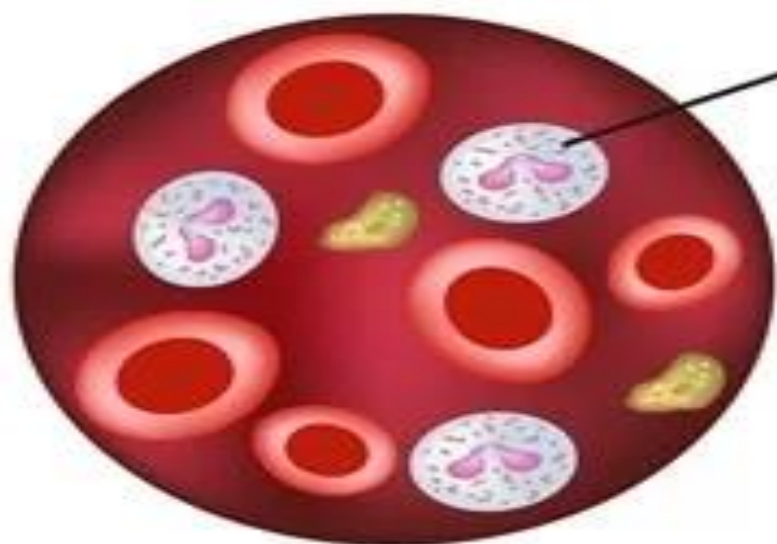
internal organ involvement
(liver, kidney, heart)



Eosinophilia

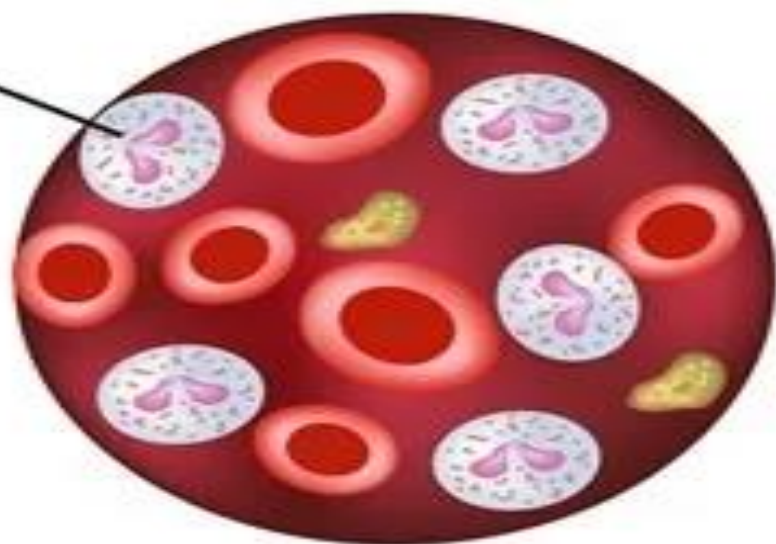
(eosinophils above normal range in blood)

Eosinophil



Normal

Eosinophils normal range



Eosinophilia

Eosinophils above normal range





anticonvulsants
antiviral drugs
antibiotics
allopurinol (Zyloprim)
mexiletine (Mexitil)
mood stabilizers and antidepressants
biologic agents



first step

- stop taking the culprit drugs

Second step

- monitoring any ongoing symptoms

Parameter	No	Yes	Unknown
Fever (>38.5°C)	-1	0	-1
Enlarged lymph nodes (≥ 2 sites, >1cm)	0	1	0
Atypical lymphocytes	0	1	0
Eosinophils			
700-1499 or 10-19.9%	0	1	0
≥ 1500 or $\geq 20\%$	2	0	
Skin Rash			
Extent >50%	0	1	0
Atleast 2 of; edema, infiltration, purpura, scaling	-1	1	0
Biopsy suggesting DRESS	-1	0	0
Internal organ involvement			
One	0	1	0
Two or more	0	2	0
Resolution in >15 days	-1	0	-1
Atleast 3 biological investigations done and negative to exclude alternative diagnosis	0	1	0
Final score: <2=no case; 2-3=possible case; 4-5=probable case; >5=definitive case			

Case report



7 year-old male

Lennox-Gastaut syndrome

mental-motor retardation

syndromic appearance

T:39

skin rash

antiepileptic

maculopapular rash

Lymphadenopathy

phenytoin treatment



hemoglobin	13.1
leukocyte	9710
platelet	266.000
total eosinophil count	880
AST	82
ALT	45

hemoglobin	14.2
leukocyte	5990
platelet	221.000
total eosinophil count	90
AST	48
ALT	38



1B



1B

