



## Supplementary Material

**Table S1. Demographical, clinical, pathological characteristics, DIF findings, laboratory abnormalities, pre-diagnoses and final diagnoses of the study subjects**

Case	Sex	Age (years)	Clinical Prediagnoses	Histopathological Findings	DIF Findings	Final Diagnosis	Most Probable Inciting Agents (in the case of ACDR)	Elapsed Time Between the Onset of the Rash and Biopsy Procedure	Elapsed Time Between the Onset of the Rash and first drug intake (in case of ACDE)	Accompanying Systemic Signs and Symptoms	Laboratory Abnormalities
1	F	52	Viral eruption, MDR	Interphase dermatitis	No deposition	MDR	Amoxicillin clavulanate	20 days	1 day	Fever, hypotension, multiple LAP	High AST, ALT levels, electrolyte imbalance
2	F	19	SJS, DRESS	Numerous necrotic keratinocytes, full thickness epidermal necrosis	No deposition	SJS	Phenytoin	20 days	25 days	Pain, pruritus, fever, malaise	High AST, ALT, GGT, ALP, BUN, creatinine
3	F	72	DRESS	Vasculopathy, perivascular infiltrate, eosinophils	No deposition	DRESS	Allopurinol	30 days	7 days	Fever, multiple LAP, facial edema	Eosinophilia
4	F	27	DRESS, Still disease	Lymphohistiocytic perivascular/ interstitial infiltrate	No deposition	DRESS	Ceftriaxone, metronidazole	10 days	7 days	Fever	Eosinophilia, high AST and ALT
5	F	71	MDE, SCLE	Perivascular lymphocytes and eosinophils	No deposition	MDE	Hydroxychloroquine	7 days	7 days	-	Eosinophilia
6	F	38	PNP, SJS	Numerous necrotic keratinocytes, full thickness epidermal necrosis	No deposition	SJS	Phenytoin	27 days	21 days	Fever, malaise, pain	None
7	M	9	MDE, SADC	Perivascular and dermal lymphocytes and eosinophils	No deposition	MDE	Ampicillin sulbactam	4 days	2 days	Fever, peripheral edema	Eosinophilia
8	F	54	Bullous MF, BP, PV, PNP	Diffuse CD3(+) lymphoid cells, CD4/CD8 :4	Interrupted C3 deposition along dermal vessels and dermoepidermal junction	Bullous MF	-	5 days	-	Fever, facial and peripheral edema, chills	Leukocytosis, lymphocytosis, high AST, ALT, GGT ALP levels, electrolyte imbalance
9	M	78	SJS, MDE, purpura fulminans, septic vasculitis	Lymphocytic, eosinophilic perivascular dermatitis, vasculopathy	No deposition	MDE	Rifampicin, ceftriaxone	7 days	25 days	Fever, hypotension	High ALP, GGT, BUN and creatinine levels
10	F	69	Psoriatic erythroderma, MDE	Epidermal hyperplasia, parakeratosis, hypogranulosis	No deposition	Psoriatic erythroderma	-	4 days	-	Fever, cervical LAP, malaise	High AST, ALP, GGT, CRP

11	M	23	MDE, SJS, erythema multiforme	Interphase dermatitis, necrotic keratinocytes	No deposition	SJS	Pyridostigmine	7 days	40 days	Facial edema, fever, diaphoresis	-
12	M	18	AGEP, GPP, IgA pemphigus, subcorneal pustular dermatosis	Subcorneal pustules, mixed inflammation	No deposition	AGEP	Hydroxychloroquine, ferrous glycine sulphate	8 days	21 days	Fever, onychomadesis, myalgia	Neutrophilia, leukocytosis, high CRP, electrolyte imbalance
13	M	3	Purpura fulminans, infantile hemorrhagic edema	Septal/lobular panniculitis, epidermal necrosis, vascular thrombosis	No deposition	Antiphospholipid syndrome	-	11 days	-	Fever, pain, irritability, hypotension	Leukocytosis, neutrophilia
14	F	52	MDE, viral eruption, hyper eosinophilic syndrome	Perivascular lymphoid reaction, eosinophils, endothelial plumping	Linear IgM, granular IgG and IgA deposition at the dermoepidermal junction	MDE	Intravenous contrast media for computed tomography	14 days	Same day	Myalgia, fever, pruritus	Eosinophilia
15	M	54	PF, PV	Intraepidermal acantholysis, eosinophils	Intercellular IgG deposition	PF	-	150 days	-	Fever, pruritus	Leukocytosis, neutrophilia, electrolyte imbalance
16	F	74	Atopic dermatitis, pre-bullous phase of BP, SACD, subcorneal pustular dermatosis	Subacute spongiotic dermatitis	No deposition	SACD	-	30 days	-	Pruritus	-
17	F	63	MDE r/o vasculitic drug eruption	Epidermal spongiosis, perivascular lymphocytic infiltrate, erythrocyte extravasation	No deposition	MDE	Penicillin G Benzathine	1 day	1 day	Pruritus	-
18	M	61	DRESS r/o viral eruption	Parakeratosis, vacuolar degeneration in the basal layer, perivascular infiltrate of eosinophils	No deposition	DRESS	Allopurinol	10 days	20 days	Fever, cervical LAP, pruritus	Electrolyte imbalance

Table S1 (continued)

**Table S1.** Demographical, clinical, pathological characteristics, DIF findings, laboratory abnormalities, pre-diagnoses and final diagnoses of the study subjects. (Continued)

Case	Sex	Age (years)	Clinical Prediagnoses	Histopathological Findings	DIF Findings	Final Diagnosis	Most Probable Inciting Agents (in the case of ACDR)	Elapsed Time Between the Onset of the Rash and Biopsy Procedure	Elapsed Time Between the Onset of the Rash and first drug intake (in case of ACDE)	Accompanying Systemic Signs and Symptoms	Laboratory Abnormalities
19	F	69	SJS, fixed drug eruption, linear IgA bullous dermatosis	Epidermal necrosis and eosinophilic infiltrate	No deposition	Fixed drug eruption	Diclofenac sodium, thiocolchicoside	3 days	2 days	Pain, facial edema, fever	Eosinophilia
20	F	70	Covid-19 related rash, SJS, BP, PNP, toxic shock syndrome	Subepidermal bullae, spongiosis, basal vacuolar degeneration, eosinophil-rich mixed infiltrate	Linear IgG and C3 deposition at the dermoepidermal junction	BP	-	12 days	-	Peripheral edema	Eosinophilia, electrolyte imbalance
21	M	68	SJS-TEN overlap, Covid-19 related SJS-like reaction, TEC	Epidermal necrosis, mixed infiltrate	No deposition	SJS	Phenytoin, ceftriaxone, amlodipine	4 days	11 days (phenytoin), 3 days (amlodipine) and 6 days (ceftriaxone)	Pain, dyspnea, fever	High AST, ALT, GGT, ALP, electrolyte imbalance
22	M	60	MDE, vasculitic drug eruption	Perivascular lymphohistiocytic reaction with eosinophils and erythrocyte extravasation	No deposition	MDE	Paclitaxel, gemcitabine	6 days	3 days	-	-
23	M	53	GPP, subcorneal pustular dermatosis, BP, DH, linear IgA bullous dermatosis	Psoriasiform dermatitis, intracorneal pustule formation	Linear C3 deposition at the dermoepidermal junction	Psoriasis form dermatitis	-	20 days	-	Pruritus	Electrolyte imbalance
24	F	52	Leukocytoclastic vasculitis, MDE	Mild perivascular inflammation	No deposition	MDE	Intravenous contrast media for computed tomography	8 days	1 day	Pruritus	-
25	M	79	Chronic actinic dermatitis, auto sensitization dermatitis, MDE, atopic dermatitis	Spongiotic dermatitis	No deposition	SACD	-	60 days	-	Pruritus	Eosinophilia

26	M	26	LCV, purpuric drug eruption	Leukocytoclasia, perivascular inflammatory infiltrate, fibrin deposition	No deposition	LCV	-	14 days	-	Arthralgia	-
27	M	86	MDE, LCV	Spongiosis, focal vacuolar degeneration at basal layer, perivascular/insterstitial neutrophils and eosinophils	No deposition	MDE	Allopurinol, daptomycine	2 days	Allopurinol (30 days), daptomycine (6 days)	Fever	Eosinophilia
28	M	68	MDE, vasculitic drug eruption	Parakeratosis, perivascular mixed inflammation, leukocytoclasia, erythrocyte extravasation	No deposition	Vasculitis drug eruption	Valacyclovir, trimethoprim-sulfamethoxazole, fluconazole, levofloxacin	14 days	42 days	Fever, myalgia, pruritus	-
29	M	80	BP, PV, PNP	Subepidermal bullae, eosinophilic infiltration	Linear IgG and C3 deposition at the dermoepidermal junction	BP	-	60 days	-	Pruritus	-
30	M	79	Purpura Fulminans, DIC	Subepidermal bullae, thrombus in dermal vessels and congestion	No deposition	Purpura Fulminans, DIC	-	5 days	-	Pain, irritability, fever	High AST, ALT, GGT, ALP, CRP, D-dimer levels, thrombocytopenia
31	F	65	LCV, AGEP	Orthokeratosis, spongiosis, basal vacuolar changes, erythrocyte extravasation	No deposition	Lichenoid dermatitis, late-stage drug eruption	Allopurinol, bendamustin, rituximab	10 days	30 days (allopurinol), 10 days bendamustine, rituximab)	Pruritus, fever	-

ACDE = adverse cutaneous drug eruption; AGEP = acute generalized exanthematous pustulosis; ALP = alkaline phosphatase; ALT = alanine aminotransferase; AST = aspartate aminotransferase; BP = bullous pemphigoid; BUN = blood urea nitrogen; CRP = C-reactive protein; DH = dermatitis herpetiformis; DIC = disseminated intravascular coagulation; DIF = direct immunofluorescence; DRESS = drug rash with eosinophilia and systemic symptoms; GGT = gamma glutamyl transferase; GPP = generalized pustular psoriasis; LAP = lymphadenopathy; LCV = leukocytoclastic vasculitis; F = female; M = male; MDE = maculopapular drug eruption; MF = mycosis fungoides; PF = pemphigus foliaceus; PNP = paraneoplastic pemphigus; PV = pemphigus vulgaris; SACD = systemic allergic contact dermatitis; SJS = Stevens-Johnson syndrome; TEC = toxic erythema of chemotherapy; TEN = toxic epidermal necrolysis.