

**Supplementary data:** Processing summary of final logistic regression model. NB: Mucosal Oedema was incorporated with Diffuse Redness to be considered as a single variable (i.e. either DR or MO or both are present) as results of initial analysis indicated these should be merged.

### Case Processing Summary

		N	Marginal Percentage
True status based on history and results	naive	94	76.4%
	active	22	17.9%
	infection		
	eradicated	7	5.7%
Is the RAC present?	no	30	24.4%
	yes	93	75.6%
Is there diffuse redness?	no	87	70.7%
	yes	36	29.3%
Is there map-like or patch redness?	no	116	94.3%
	yes	7	5.7%
Valid		123	100.0%
Missing		0	
Total		123	
Subpopulation		91 <sup>a</sup>	

a. The dependent variable has only one value observed in 83 (91.2%) subpopulations.

### Model Fitting Information

Model	Model Fitting	Likelihood Ratio Tests		
	Criteria	Chi-Square	df	Sig.
	-2 Log Likelihood			
Intercept Only	152.075			
Final	130.189	21.886	8	.005

**Goodness-of-Fit**

	Chi-Square	df	Sig.
Pearson	186.224	172	.217
Deviance	118.156	172	.999

**Pseudo R-Square**

Cox and Snell	.163
Nagelkerke	.220
McFadden	.132

## Parameter Estimates

True status based on history and results <sup>a</sup>	B	Std. Error	Wald	df	Sig.	Exp(B)	95% Confidence Interval for Exp(B)	
							Lower Bound	Upper Bound
naive	Intercept	3.278	2.471	1.760	1	.185		
	Patient age	-.017	.024	.501	1	.479	.983	.937 1.031
	[Is the RAC present?=0]	.018	1.200	.000	1	.988	1.018	.097 10.708
	[Is the RAC present?=1]	0 <sup>b</sup>	.	.	0	.	.	.
	[Is there diffuse redness?=0]	-.886	1.156	.587	1	.444	.412	.043 3.977
	[Is there diffuse redness?=1]	0 <sup>b</sup>	.	.	0	.	.	.
	[Is there map-like or patch redness?=0]	1.114	1.274	.764	1	.382	3.046	.251 36.982
	[Is there map-like or patch redness?=1]	0 <sup>b</sup>	.	.	0	.	.	.
active infection	Intercept	.947	2.706	.122	1	.726		
	Patient age	-.020	.028	.533	1	.465	.980	.927 1.035
	[Is the RAC present?=0]	2.339	1.260	3.448	1	.063	10.371	.878 122.476
	[Is the RAC present?=1]	0 <sup>b</sup>	.	.	0	.	.	.
	[Is there diffuse redness?=0]	-.635	1.246	.260	1	.610	.530	.046 6.087
	[Is there diffuse redness?=1]	0 <sup>b</sup>	.	.	0	.	.	.
	[Is there map-like or patch redness?=0]	1.125	1.478	.579	1	.447	3.079	.170 55.793
	[Is there map-like or patch redness?=1]	0 <sup>b</sup>	.	.	0	.	.	.

a. The reference category is: eradicated.

**Likelihood Ratio Tests**

Effect	Model Fitting	Likelihood Ratio Tests		
	Criteria	Chi-Square	df	Sig.
	-2 Log Likelihood of Reduced Model			
Intercept	130.189 <sup>a</sup>	.000	0	.
Patient age	130.778	.590	2	.745
Is the RAC present?	147.547	17.358	2	.000
Is there diffuse redness?	130.985	.796	2	.672
Is there map-like or patch redness?	130.867	.678	2	.712

**Classification**

Observed	Predicted			Percent Correct
	naive	active infection	eradicated	
naive	88	6	0	93.6%
active infection	17	5	0	22.7%
eradicated	6	1	0	0.0%
Overall Percentage	90.2%	9.8%	0.0%	75.6%