

Table 1: Descriptive statistics of CBC parameters in the three groups of patients.

	Patients with EH (n=22)			Patients with AD Exacerbation (n=49)			Patients with AD and Bacterial Infection (n=59)			<i>p</i> -values
	Mean ± SD	Median	Range	Mean ± SD	Median	Range	Mean ± SD	Median	Range	
WBC (K/μL)	9.7 ± 6.4	8	4.3-33	15.7 ± 9.1	14	5.4-56.1	15.9 ± 6.8	14	7.3-36.3	<0.0001
ANC (K/μL)	4.9 ± 5.0	3.9	0.6-23.4	5.7 ± 4.7	4.1	0.5-21.7	9.0 ± 5.6	7.7	1.4-25.4	0.0185
ALC (K/μL)	3.5 ± 1.8	3.1	0.9-6.7	6.4 ± 4.6	4.9	1.26-23.13	4.9 ± 3.4	4.2	0-19.29	0.003

WBC, white blood cell count; ANC, absolute neutrophil count; ALC, absolute lymphocyte count

Table 2: Ranges of A) WBC, B) ANC, and C) ALC of the 3 subject groups compared to general population by age (*parentheses showing number of subjects with cell profile that is below normal range).

Table 2A: Age Range	General Population Range WBC for Age (K/μL)	EH Range WBC (K/μL) (n=22)	AD Exacerbation Range WBC (K/μL) (n=49)	AD and Bacterial Infection Range WBC (K/μL) (n=59)
0-1 mo	5.0 - 35.0	N/A	N/A	N/A
1-6 mo	6.0 - 17.5	6.6 - 9.1 (0)*	7.2 - 56.1 (0)	9.4 - 32.4 (0)
7-24 mo	6.0 - 17.0	4.3 - 33.0 (1)	5.4 - 28.8 (1)	7.4 - 31.8 (0)
25-60 mo	5.5 - 15.5	4.5 - 11.2 (1)	8.0 - 17.8 (0)	7.5 - 36.3 (0)
5-8 yr	5.0 - 14.5	6.4 - 6.4 (0)	8.0 - 10.6 (0)	10.8 - 18.2 (0)
9-12 yr	4.5 - 13.5	10.6 - 10.6 (0)	8.2 - 10.6 (0)	8.5 - 19.3 (0)
13-18 yr	4.5 - 13.0	4.4 - 4.4 (1)	8.4 - 30.9 (0)	7.3 - 17.4 (0)

Table 2B: Age Range	General Population Range ANC for Age (K/ μL)	EH Range ANC (K/μL) (n=22)	AD Exacerbation Range ANC (K/μL) (n=49)	AD and Bacterial Infection Range ANC (K/μL) (n=59)
0-1 mo	1.0 - 28.0	N/A	N/A	N/A
1-6 mo	1.0 - 8.0	0.6 - 2.7 (1)*	1.5 - 17.2 (0)	1.4 - 17.0 (0)
7-24 mo	1.0 - 8.0	1.1 - 23.4 (0)	0.5 - 21.7 (3)	1.7 - 23.5 (0)
25-60 mo	1.5 - 8.5	1.9 - 5.5 (0)	3.9 - 9.3 (0)	2.6 - 25.4 (0)
5-8 yr	1.5 - 9.0	4.9 - 4.9 (0)	2.6 - 6.4 (0)	7.1 - 15.0 (0)
9-12 yr	1.5 - 9.5	6.4 - 6.4 (0)	2.6 - 4.6 (0)	4.3 - 11.0 (0)
13-18 yr	1.5 - 9.5	2.2 - 2.2 (0)	4.8 - 20.4 (0)	4.4 - 9.9 (0)

Table 2C: Age Range	General Population Range ALC for Age (K/ μL)	EH Range ALC (K/μL) (n=22)	AD Exacerbation Range ALC (K/μL) (n=49)	AD and Bacterial Infection Range ALC (K/μL) (n=59)
0-1 mo	2.0 - 10.0	N/A	N/A	N/A
1-6 mo	2.0 - 12.0	2.6 - 6.7 (0)*	3.2 - 23.1 (0)	4.0 - 19.3 (0)
7-24 mo	3.0 - 13.0	1.2 - 6.2 (3)	1.3 - 13.8 (3)	1.9 - 10.9 (2)
25-60 mo	2.0 - 10.0	1.1 - 5.3 (1)	1.3 - 10.7 (2)	0.0 - 8.0 (5)
5-8 yr	1.4 - 7.0	0.9 - 0.9 (1)	1.7 - 6.0 (0)	0.7 - 2.5 (1)
9-12 yr	1.3 - 6.5	3.1 - 3.1 (0)	2.6 - 3.2 (0)	1.4 - 4.2 (0)
13-18 yr	1.1 - 6.0	1.6 - 1.6 (0)	1.2 - 3.7 (0)	1.2 - 4.0 (0)