

Table (1): Distributions of morbidity and mortality in 3 day-old infected chicks (n=24).

Group No	Infection	Parameters	Days post infection										Total +ve	+ve %	
			1	2	3	4	5	6	7	8	9	10			
1	Negative	S & M	0	0	0	0	0	0	0	0	0	0	0	0	0
2	E.coli O11	S	0	1	4	5	3	2	0	0	0	0	15	62.50	
		M	0	0	2	0	2	1	0	0	0	0	5	20.83	
3	E.coli O78	S	0	2	2	3	5	3	4	4	0	0	23	95.83	
		M	0	0	2	1	2	0	3	1	2	0	11	45.83	
4	S.g.p	S	0	1	2	2	2	2	4	4	5	0	22	91.60	
		M	0	1	2	1	5	1	3	1	0	0	14	58.50	
5	p.aeruginosa	S	0	0	2	2	2	3	3	3	4	0	19	79.16	
		M	0	0	1	1	3	3	2	1	1	0	12	50.00	

S: Number of birds with signs.

M: Number of dead birds.

Table (2): Distributions of morbidity and mortality in 3 day-old infected treated chicks. (n=24).

Group No.	Infection	Treatment	Parameters	Days post treatment						No. of + ve	% of + ve	
				1	2	3	4	5	6-7			
1	-		S M							0	0	
2	E.coli O11	Colistin	S	4	5	3	2	1		15	62.50	
			M	1	2		1			4	16.67	
Enrofloxacin		S	1	4	5	2			12	50.00		
		M	2	3	1				6	25.00		
4		E. coli O78	Colistin	S	1	3	3	2			9	37.50
				M	2	2	1				5	20.83
Enrofloxacin	S		3	2	2	1			8	33.33		
	M		1		1	1			3	12.50		
6	S. g-p		Colistin	S	3	3	2	1			9	37.50
				M	2	2					4	16.67
Enrofloxacin		S	3	4	2	1			10	41.67		
		M	2	1	1				4	16.67		
8		P. aeruginosa	Colistin	S	3	3	4	1			11	45.58
				M	2	1	2	1			6	25.00
Enrofloxacin.	S		3	3	1		1		9	37.50		
	M		1	2	2				5	20.83		
9				S	3	3	4	1			11	45.58
				M	2	2	1				5	20.83

Table (3): Body weight in infected non treated chickens.

Group No.	Infection	Body weight		
		minimum	maximum	Mean \pm SD
1	-	44.4	95.92	71.32 * \pm 16.27
2	E. coli. O11	46.8	64.85	56.36 * \pm 5.58
3	E. coli. O78	44.45	67.28	58.16 * \pm 5.97
4	S.g-p	38.10	60.70	51.83* \pm 7.19
5	P.aeruginosa	53.00	67.57	61.41 \pm 4.61

* p > 0.05

Table (4): Body weight in infected treated chickens

Group No.	Infection	Treatment	Body weight		
			minimum	maximum	Mean \pm SD
1	-	-	44.4	95.92	71.32 \pm 16.27
2	E. coli O11	Colistin	45.70	92.75	73.54* \pm 13.05
3		Enrofloxacin	56.50	82.84	68.41 \pm 7.57
4	E. coli O78	Colistin	37.90	74.85	54.80* \pm 9.36
5		Enrofloxacin	34.56	72.95	54.63* \pm 10.37
6	S.g-p	Colistin	35.96	73.30	59.86 \pm 11.69
7		Enrofloxacin	38.86	69.58	56.75 \pm 8.45
8	P.aeruginosa	Colistin	444.70	71.88	59.31 \pm 8.19
9		Enrofloxacin	50.20	62.86	59.31 \pm 3.66

* p > 0.05

Fig (1): Morbidity rates in infected groups as compared with non treated control group.

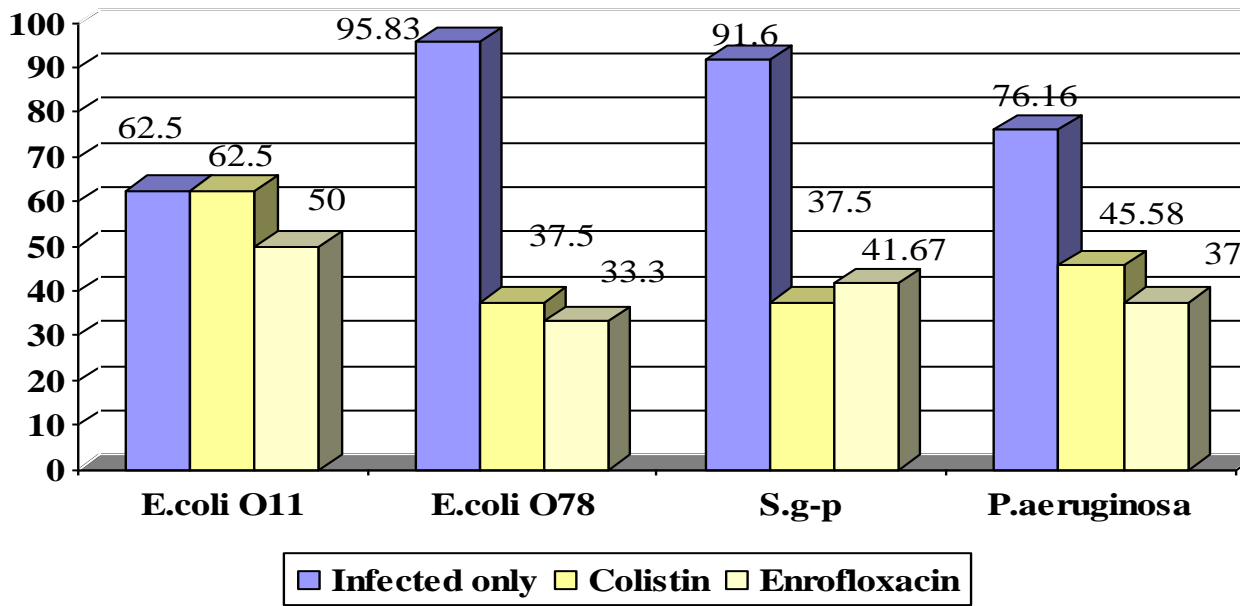


Fig (2): Mortality percentage in infected treated groups as compared with non treated control groups.

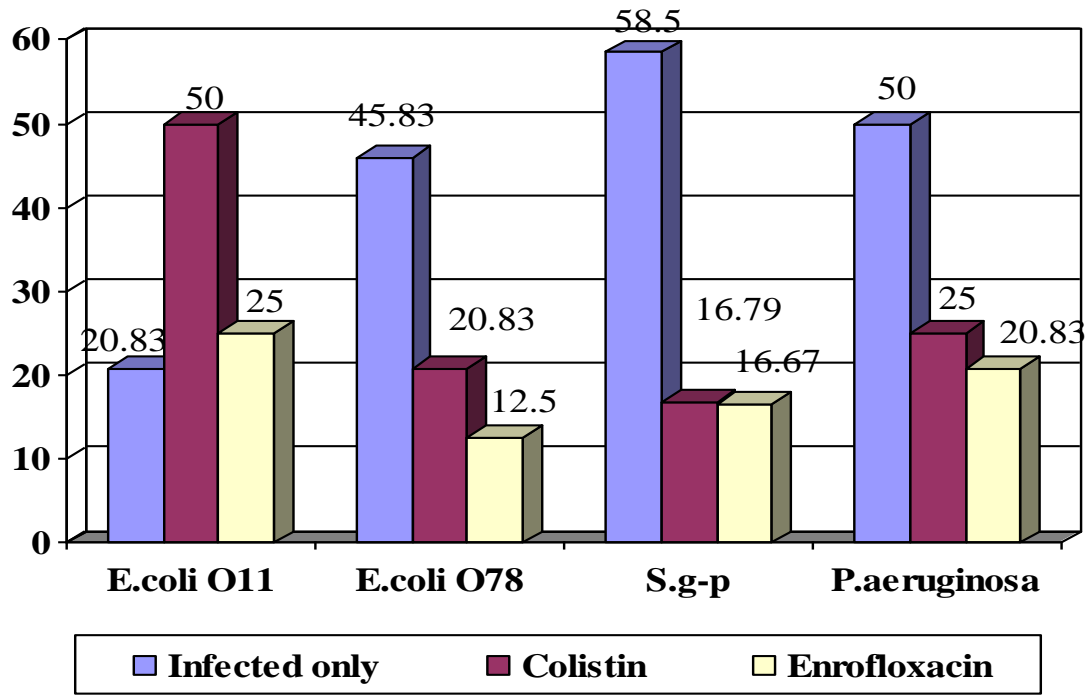


Fig (3): Body weight (gm) in infected treated groups as compared with non treated and non infected control groups.

