Table 1: Effect of $CoCl_2$ (10 mg/kg, i.p., O.D. for 30 days) on body weight and food consumption in different group at week 5.

Group	**Body weight (gm)**	**Food Consumption (gm/day)**
Control group	265.17 ± 3.82	29.21 ± 0.55
Uninephrectomized diabetic group	190.00 ± 3.84***	18.26 ± 0.94**
Treatment group	243.17 ± 5.27#	24.89 ± 0.58#
Control group treated with $CoCl_2$	264.83 ± 3.79	29.05 ± 0.57

Each value is expressed as mean ± S.E.M. (n=06). **p<0.01 versus control, ***p <0.001 versus control group, #p<0.05 versus uninephrectomized diabetic group

Table 2: Effect of $CoCl_2$ (10 mg/kg, i.p., O.D. for 30 days) on pD_2 values and E_{max} in the thoracic aorta preparation in different group.

Group	**pD_2 value**	**E_{max} (%)**
Control group	7.41 ± 0.08	100 ± 8.35
Uninephrectomized diabetic group	8.38 ± 0.08 $^{*, £££}$	237.96 ± 5.78 ***
Treatment group	7.46 ± 0.17 $^{\$}$	127.41 ± 13.37 $^{\$\$}$
Control group treated with $CoCl_2$	7.12 ± 0.05 *	138.52 ± 13.21

Each value is expressed as mean ± S.E.M. (n=06). $^{*}p<0.05$ versus control, $^{***}p<0.001$ versus control group, $^{\$}p<0.05$ versus uninephrectomized diabetic group, $^{\$\$}p<0.01$ versus uninephrectomized diabetic group, $^{£££}p< 0.001$ versus control group treated with $CoCl_2$. $^{***}p<0.001$ versus control group. Data are expressed as pD2 values which are defined as the negative logarithm to base 10 of the EC50 values. The maximal efficacy of the drug-receptor complex to result in a graded effect is E_{max} on a graded dose-response curve.

Table 3: Effect of $CoCl_2$ (10 mg/kg, i.p., O.D. for 30 days) on the activities of SOD, CAT and GSH in aorta of control and experimental rats

Groups	**SOD activity (U/mg protein)**	**Catalase activity (U/mg protein)**	**GSH (mM/100mg tissue)**
Control group	13.72 ± 0.21	72.20 ± 2.26	41.20 ± 0.95
Uninephrectomized diabetic group	4.28 ± 0.20 ***	37.00 ± 1.74 **	21.40 ± 1.12 **
Treatment group	10.58 ± 0.39 £££	61.00 ± 2.45 £	37.40 ± 1.64 £
Control group treated with $CoCl_2$	13.22 ± 0.29	71.00 ± 3.46	42.00 ± 1.94

Each value is expressed as mean ± S.E.M. (n=05). **p <0.01 versus control group, ***p< 0.001 versus control group, £p< 0.05 versus uninephrectomized diabetic group, £££ p< 0.001 versus uninephrectomized diabetic group.