

The hypoglycemic effect in normal and diabetic rats after subcutaneous administration of insulin was shown in (Figures 3.6). Importantly, the blood glucose level achieved the largest decreases (to 70% of the initial glucose level) after subcutaneous administration of insulin with 1 IU/kg to diabetic rats. Approximately Significant decreased glucose level was showed at all times except 8 h ($p < 0.05$).