

Changes in Serum Insulin Levels during Orthotopic Liver Transplantation in the Pig⁽¹⁾

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and glucose levels were measured in 13 orthotopic liver transplants in pigs. After portal revascularization a significant increase in the glucose levels takes place ($p < 0.01$). When the hepatic vena cava clamp is removed, a significant increase in glucose and insulin concentrations ($p < 0.05$) takes place. At the end of the operation the insulin levels decrease

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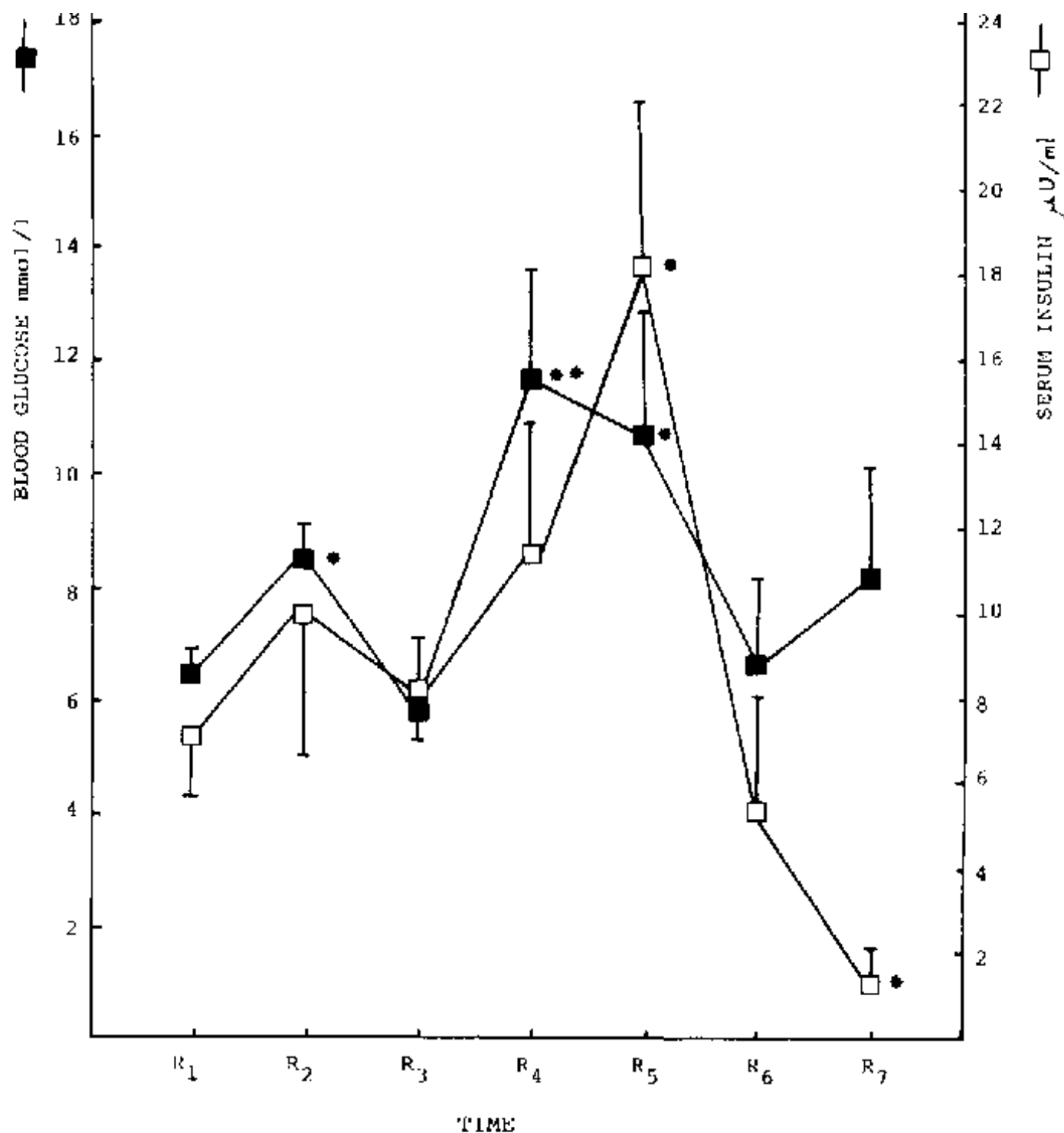


FIG. 1.—Changes in blood glucose (■) and insulin (□) concentrations during orthotopic liver transplantation (OLT) in pigs. R₁, beginning of operation; R₂, Dissection; R₃, Anhepatic; R₄, Portal revascularization; R₅, IH-VC clamp removed; R₆, Arterial revascularization, R₇, End of the operation. Mean SEM for 13 OLT. Statistically significant changes R₁ * $p < 0.05$ ** $p < 0.01$.