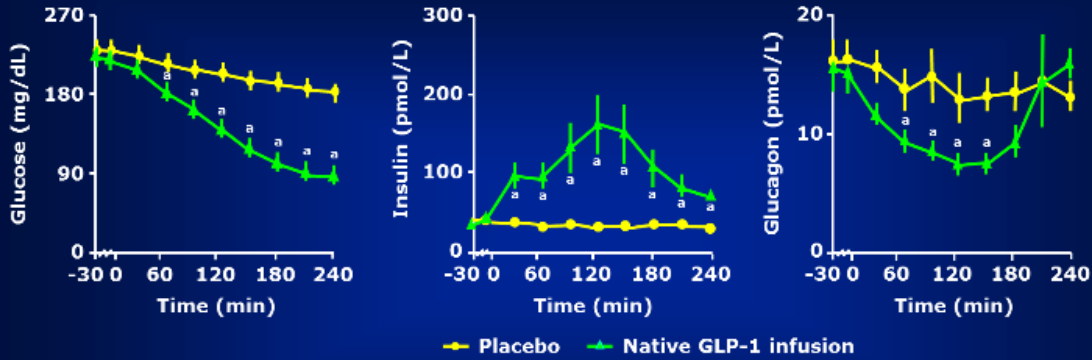
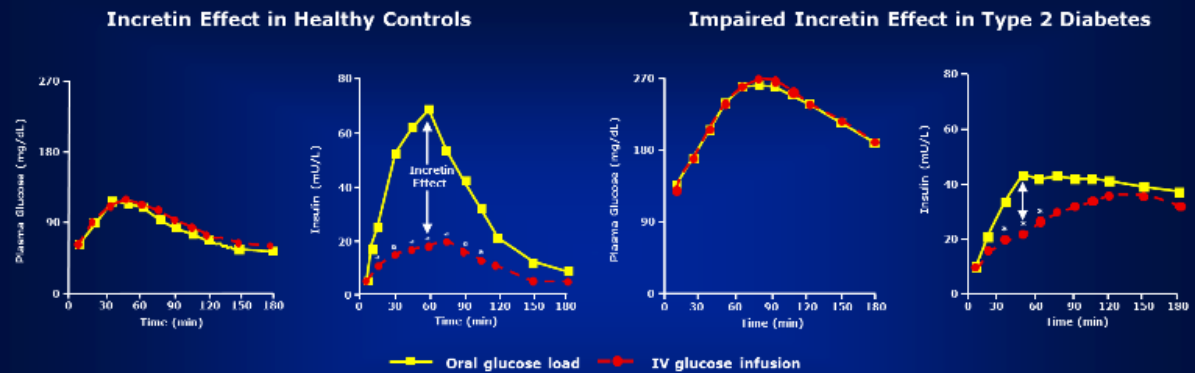


## Native GLP-1 Stimulates Insulin Secretion and Inhibits Glucagon Secretion in a Glucose-Dependent Manner



GLP-1=glucagon-like peptide-1. \* $P < 0.05$ . N=10 patients with type 2 diabetes. Mean (SE).  
 Reproduced from Nauck MA et al. *Diabetologia*. 1993;36(8):741-744.

## Incretin Effect – Enhanced Insulin Response After Oral vs Intravenous Glucose – Is Impaired in Type 2 Diabetes



\* $P < 0.05$  compared with respective value after oral load.  
 Adapted from Nauck M et al. *Diabetologia*. 1986;29(1):46-52; Wick A, Newlin K. *J Am Acad Nurse Pract*. 2009;21(suppl s1):623-630.

# Management of Type 2 Diabetes: A Pathophysiologic Approach

