

Ready to start planning your care? Call us at [800-525-2225](tel:800-525-2225) to make an appointment.

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This type of tumor produces too much or too little insulin, a hormone that regulates blood sugar (glucose). Insulinomas can cause low blood sugar, which leads to symptoms such as dizziness and light-headedness.

### Glucagonomas

These tumors may interfere with the production of glucose in the blood, causing an elevation of blood sugar and diabetes. Rarely, glucagonomas can cause a skin rash when they become advanced.

### Somatostatinomas

These tumors disrupt the production of a variety of hormones, leading to diabetes, gallstones, and an inability to digest fats.

### Gastrinomas

This type of tumor increases the production of gastrin, a stomach acid that aids in digestion and can lead to the formation of stomach ulcers.

### VIPomas

This type of tumor disrupts the production of vasoactive intestinal peptide (VIP), which helps control the secretion and absorption of water in the intestines. VIPomas can cause severe diarrhea.

### GRFomas

These tumors produce excessive amounts of growth hormone release factor, which can lead to sudden growth of the hands and feet (acromegaly).

### ACTHoma

These tumors produce excessive amounts of the hormone ACTH. Too much ACTH increases the production of steroids, which can lead to weight gain, depression, easy bruising, increased risk of infection, and darkened skin.

Risk Factors

+

Symptoms  
+

Diagnosis  
+

Treatment  
+

**Request an Appointment**

Call [800-525-2225](tel:800-525-2225)  
Available Monday through Friday, 8 a.m. to 6 p.m. (Eastern time)

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