

**11**  
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*Observational Study*

Type 1 diabetes and associated autoimmune diseases

Frommer L **16** *et al.* Type 1 diabetes and associated autoimmune diseases

Lara Frommer, GJ Kahaly

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Less commonly associated with type 1 diabetes are other autoimmune diseases such as **Systemic Lupus Erythematosis and inflammatory bowel disease**. Autoimmune thyroid disease in the form of hypothyroidism (Hashimoto's Thyroiditis) and hyperthyroidism (Graves Disease) is most commonly associated with type 1 diabetes.

Type 1 Diabetes and Autoimmune Diseases - Diabetes | Healt...

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#### PEOPLE ALSO ASK

Is type 1 diabetes a food-induced disease?



## Type 1 Diabetes

Medical Condition



- Increased thirst
- Frequent urination which may lead to bed-wetting in children
- Extreme hunger and unintended weight loss
- Irritability and other mood changes
- Fatigue and weakness
- Blurred vision

A chronic condition where the pancreas produces little or no insulin.

Common (More than 200,000 cases per year in US)





Type 1 diabetes and associated autoimmune diseases



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Less commonly associated with type 1 diabetes are other autoimmune diseases such as **Systemic Lupus Erythematosus and inflammatory bowel disease**. Autoimmune thyroid disease in the form of hypothyroidism (Hashimoto's Thyroiditis) and hyperthyroidism (Graves Disease) is most commonly associated with type 1 diabetes.

### Type 1 Diabetes and Autoimmune Diseases - HealthCentral

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#### PEOPLE ALSO ASK

Is type 1 diabetes a food-induced disease?



What causes the symptoms of Type 1 diabetes?



How does type 1 diabetes mellitus affect the immune system?





## Autoimmune diseases associated with Type 1 diabetes

- Autoimmune thyroiditis. Autoimmune thyroid disease is the condition most commonly associated with Type 1 diabetes, but...
- Celiac disease. Celiac disease is an autoimmune inflammatory disease of the gut, directly triggered by gluten. A person...
- Addison's disease. Addison's disease is an autoimmune disease that is also...

More ...

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### PEOPLE ALSO ASK

What are the causes of Type 1 diabetes?

## Type 1 Diabetes

Medical Condition

A chronic condition where the pancreas produces little or no insulin.

Common (More than 200,000 cases per year in US)

Rarely requires lab test or imaging

Treatment from medical professional advised

Can be lifelong

Chronic condition where little or no insulin production is observed due to autoimmune reaction against the pancreas. Most commonly observed symptoms include excessive thirst, frequent urination, sudden weight loss and weakness. Treatments require endocrinologist input.

### Symptoms

- Increased thirst
- Frequent urination
- Extreme hunger
- Unintended weight loss
- Irritability and other mood changes
- Fatigue and weakness
- Blurred vision

### Treatments

Treatments require endocrinologist input.

#### Medication

- Insulin replacement therapy: Insulin, the hormone that regulates blood glucose, is regularly administered either through injection, or by using an