

# Fetal Islet Transplantation: A Promising Therapy for Diabetes

## How Does Fetal Islet Transplantation Work?

## What Are the Benefits of Fetal Islet Transplantation?

- **Improved blood sugar control:** Fetal islet transplantation can help to improve blood sugar control in people with diabetes. This can reduce the risk of developing complications, such as heart disease, stroke, kidney disease, and blindness.
- **Reduced need for insulin:** Fetal islet transplantation can reduce the need for insulin injections in people with diabetes. This can make it easier to manage diabetes and reduce the risk of complications.
- **Potential for a cure:** Fetal islet transplantation has the potential to cure diabetes in some people. This is because the transplanted islets can produce insulin for a lifetime.

## What Are the Risks of Fetal Islet Transplantation?

- **Bleeding:** Fetal islet transplantation can cause bleeding, which can be life-threatening.
- **Infection:** The transplanted islets can become infected, which can lead to sepsis.
- **Rejection:** The patient's body may reject the transplanted islets, which can lead to the failure of the procedure.
- **Immunosuppressant drugs:** The immunosuppressant drugs that are used to prevent rejection can have side effects, such as infections and

kidney problems.

## Who Is a Candidate for Fetal Islet Transplantation?

- Is between the ages of 18 and 65
- Has type 1 diabetes
- Has severe hypoglycemia unawareness
- Is not pregnant or planning to become pregnant
- Does not have any other major medical conditions

## How Do I Find a Fetal Islet Transplantation Center?

### References

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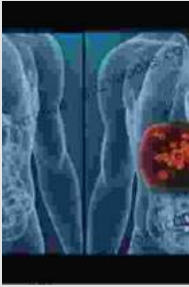
## Fetal Islet Transplantation: Implications for Diabetes

by Bent Formby

★★★★☆ 4.2 out of 5

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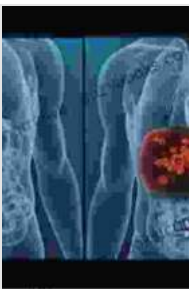
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[4] Ojo AO, Ellozy SH, Mohan S, et al. Islet transplantation in type 1 diabetes: current status and future directions. J Clin Invest. 201



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