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Objectives (Part 2 of Safety and Efficacy of Imatinib for Preserving Beta-Cell Function in New-onset Type 1 Diabetes Mellitus)

In 1 collection

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ABSTRACT

This is Part 2 of "Safety and Efficacy of Imatinib for Preserving Beta-Cell Function in New-Onset Type 1 Diabetes Mellitus".

This clinical study is supported by JDRF. The aim of the collection is to determine whether imatinib will slow the progression of the autoimmune destruction of β cells and lead to the preservation of C-peptide secretion in T1DM and to assess Diabetes-related objectives and safety of Imatinib in new-onset type 1 diabetes mellitus".

ATTACHMENTS

[dngubkeaf.pdf](#)

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COLLECTIONS ⓘ



Collection of Protocols and Guidelines for Safety and Efficacy of Imatinib for Preserving Beta-cell Function in New-onset Type 1 Diabetes Mellitus

KEYWORDS

Safety, Efficacy, Imatinib, Beta-Cell Function, New-Onset Type 1 Diabetes Mellitus

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[Collection of Protocols and Guidelines for Safety and Efficacy of Imatinib for Preserving Beta-cell Function in New-onset Type 1 Diabetes Mellitus](#)

GUIDELINES

2.1 PRIMARY OBJECTIVE:

Determine whether imatinib will slow the progression of the autoimmune destruction of β cells and lead to the preservation of C-peptide secretion in T1DM.

2.2 SECONDARY OBJECTIVES

Diabetes-related objectives:

1. Assess whether the drug has prolonged clinical efficacy.
2. Assess the effect of imatinib on selected secondary clinical outcomes.

Safety:

1. Determine the safety of imatinib in participants with T1DM, especially with respect to hepatic, bone marrow, cardiac, and cutaneous toxicity

Mechanistic studies:

1. Characterize how imatinib alters general and diabetes-specific immune responses.
2. Gain a better understanding of the mechanism of action for imatinib in the maintenance of β -cell function and determine whether the loss of tolerance associated with this disease is reversed.
3. Assess effects of imatinib on insulin sensitivity.