

# Rhabdomyolysis Secondary to Vildagliptin Overdose in a Suicidal Attempt: A Case Report

Nan Guo<sup>1</sup>, Bing Han<sup>1</sup>, Xiaofang Fan<sup>2</sup>, Zhen Feng<sup>3</sup>, and Zhijia Tang<sup>3</sup>

<sup>1</sup>Minhang Hospital & Department of Clinical Pharmacy at School of Pharmacy, Fudan University

<sup>2</sup>Fudan University Minhang Hospital

<sup>3</sup>Fudan University School of Pharmacy

April 05, 2024

## Abstract

Rhabdomyolysis is a life-threatening adverse drug reaction that is seldom reported in DPP-4 inhibitors. Here we present a case in which a 58-year-old female suffered from severe swelling and pain in bilateral lower limbs and oliguria for 1 week after a suicidal attempt that she took vildagliptin 1,400 mg and insulin aspart 60 IU. She was diagnosed with rhabdomyolysis, diabetic ketoacidosis (DKA), urinary tract infection (UTI) and drug-induced liver injury (DILI). After 20 days of hospitalization, significant improvement had occurred in almost all laboratory results, and the patient was discharged without sequelae. This is a rare case suggesting that severe adverse events (SAEs), such as rhabdomyolysis, may occur in relatively safe oral hypoglycemic drugs.

## Hosted file

Rhabdomyolysis Secondary to Vildagliptin Overdose in a Suicidal Attempt-210719.docx available at <https://authorea.com/users/733348/articles/711092-rhabdomyolysis-secondary-to-vildagliptin-overdose-in-a-suicidal-attempt-a-case-report>

