

Response to reviewer comments

Reviewer #1:

1. The introductory section is well written. If the author describes the research trends of NMAP and nomogram more specifically in the introduction section, it can help readers understand.

Reply: Thank you for your advice. We have add the further describes of the trends of NMAP and nomogram in introduction. (*“Researchers usually focus on complications such as organ failure and infection in NMAP.[6, 7] However, few of studies have paid attention to venous thromboembolism in NMAP.” and “In the past, nomograms were used as a graphical calculation to help solve engineering problems. As a statistical tool, nomograms have a unique advantage in visualizing the relationships of involved parameters. This approach enables users to calculate the overall probability of clinical outcome for an individual patient.[18, 19] Recently, it has been widely used in clinical prediction models.[20, 21]”*)

2. Page 4-5: Study Design and Participants: If the author explains the subjects (sampling, exclusion criteria, inclusion criteria) more specifically, it can help readers understand.

Replay: Thank you for your suggestions. First we have add the definitions of non-mild acute pancreatitis (NMAP) and older acute pancreatitis patients which are the include criteria in the Data collection and definition section. (*“The definition of non-mild acute pancreatitis (NMAP) is acute pancreatitis classified as moderate or severe. Acute pancreatitis patients aged over 60 years old were defined as older acute pancreatitis patients.”*) Then we give reasons of exclude criteria in the Study Design and Participants section. (*“Pancreatic tumors are one of the causes of AP and are also a risk factor for DVT development.[22] Thrombosis development in other places may be a confounding factor in this study. Thus, patients who had the following diagnoses were excluded from this study: 1. Pancreatic tumor; 2. Thromboses in other locations.”*)

Editorial Office's comments and suggestions:

1. Language evaluation: Classification: Grade B (very good) and Grade B (Minor language polishing).

Replay: Thank you for your suggestion. To further polish the language of revised manuscript, we send the manuscript to the American journal experts. And the editing certificate was attached in the end.

2. Issues raised:

(1) The "Author Contributions" section is missing. Please provide the author contributions;

Replay: Thank you for your advice. We add the "**Author Contributions**" after the "**ORCID number**" in the title page.

(2) The "Article Highlights" section is missing. Please add the "Article Highlights" section at the end of the main text.

Replay: Thank you for your suggestion. We have add the "**Article Highlights**" section at the end of the main text.

American journal experts editing certificate.



Editing Certificate

This document certifies that the manuscript

Development and validation of a prediction model for deep vein thrombosis in older non-mild acute pancreatitis patients

prepared by the authors

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was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at AJE.

This certificate was issued on **June 29, 2021** and may be verified on the [AJE website](https://www.aje.com/certificate) using the verification code **6D7A-54B2-CD26-987B-CB46**.



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