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**Protocol status:** Working  
 We use this protocol and it's working

# Serial Alberta Stroke Program Early CT Score to Predict Stroke-Associated Pneumonia after Thrombolysis in Patients with Acute Ischemic Stroke

Niyada

Sarawut Kongsut<sup>1</sup>, Atiwat Soontornpun<sup>2</sup>, Anusasnee<sup>3</sup>

<sup>1</sup>Division of Neurology, Department of Internal Medicine, Faculty of Medicine, Saraburi Hospital, Saraburi, Thailand;

<sup>2</sup>Division of Neurology, Department of Internal Medicine, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand;

<sup>3</sup>Division of radiology, Saraburi Hospital, Saraburi, Thailand

Sarawut Kongsut



## DISCLAIMER

The authors have no conflicts of interest directly relevant to the content of this article.

## ABSTRACT

**Objectives:** To investigate the performance of serial Alberta Stroke Program Early CT Score (ASPECTS) assessment for predicting stroke-associated pneumonia (SAP) in patients with thrombolized acute anterior circulation ischemic stroke (AACIS).

**Materials and Methods:** A retrospective observational cohort study of adult patients with thrombolized AACIS was conducted. Baseline and 24-hour ASPECTS using non-contrast computed tomography (NCCT), complications of stroke, including SAP and swallowing dysfunction using the Modified Water Swallowing test, were collected. Receiver operating characteristic curves using binary logistic regression and a multivariable logistic regression model were generated to compare the predictive performance.

## ATTACHMENTS

[Protocol.pdf](#)

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**1 Serial Alberta Stroke  
Program Early CT Score to Predict Stroke-Associated Pneumonia after Thrombolysis  
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