

Supplementary Figure 8. Screenshot of the web-based STeP calculator (full model & score)

(A) STeP model (full model)

Patient Background

☒ BMI < 18.5

☒ Admission from in-hospital ward

☐ Emergency surgical admission

☒ ICU readmission

☒ Respiratory infection

Scores / Variables

APACHE II

35

GCS (3–15)

15

PaCO₂

64.8

Prediction

Predict

Predicted tracheostomy risk: 54.2%

(B) STeP score

Patient Background

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Scores / Variables

APACHE II

35

GCS (3–15)

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PaCO₂

64.8

Prediction

Calculate STeP Score

STeP score: 13 points (High risk)