



# University Hospital Galway

## EMERGENCY DEPARTMENT GalwayEM.ie

### **Medical Calculators**

**(<https://galwayem.ie/index.php/index.php/resources/medical-calculators>)**

#### **CHA2DS2- VASc Score for Atrial Fibrillation Stroke Risk**

**(<https://www.mdcalc.com/cha2ds2-vasc-score-atrial-fibrillation-stroke-risk>)**

(External link)

Calculates stroke risk for patients with atrial fibrillation

#### **CURB-65 Score for pneumonia severity**

**(<https://www.mdcalc.com/curb-65-score-pneumonia-severity>)**

(External link)

Estimates mortality of community-acquired pneumonia to help determine inpatient vs. outpatient treatment.

#### **DVT/PE calculators:**

##### **- Wells' Criteria for Pulmonary Embolism**

**(<https://www.mdcalc.com/wells-criteria-pulmonary-embolism>)**

(External link)

Objectifies risk of pulmonary embolism.

##### **- PERC Rule for PE (<https://www.mdcalc.com/perc-rule-pulmonary-embolism>)**

(External link)

Rules out PE if no criteria are present and pre-test probability is  $\leq 15\%$

#### **Gentamicin Dose Calculator (GUH)**

**(<https://calculator.medicaleguides.com/guh/calculators/#/gentamicin>)**

(Internal link)

#### **Glasgow Coma Scale (<https://www.mdcalc.com/glasgow-coma-scale-score-gcs>)**

(External link)

#### **HAS-BLED Score for major bleeding risk**

**(<https://www.mdcalc.com/has-led-score-major-bleeding-risk>)**

(External link)

Estimates risk of major bleeding for patients on anticoagulation to assess risk-benefit in atrial fibrillation care.

#### **Heart Score for Major Cardiac Events**

**(<http://test.galwayem.ie/sites/default/files/docs/ED%20Chest%20PainHS%20pathway%20complete%2051019V1.pdf>)**

(October 2019 - Internal link - Printable score)

Predicts 6-week risk of major adverse cardiac event

### **Lund and Browder Chart**

**(<http://test.galwayem.ie/sites/default/files/docs/Burns%20--%20Body%20surface%20Area%20%28Adults%29.pdf>)**

(Printable Internal link)

The Lund and Browder Chart is a tool useful in the management of burns for estimating the total body surface area affected.

### **NEXUS Criteria for C-Spine Imaging**

**(<https://www.mdcalc.com/nexus-criteria-c-spine-imaging>)**

(External link)

Clears patients from cervical spine fracture clinically, without imaging.

### **NIH Stroke Score (<https://www.mdcalc.com/nih-stroke-scale-score-nihss>)**

(External link)

Calculates the NIH Stroke Scale for quantifying stroke severity.

### **Ranson's Criteria (<https://www.mdcalc.com/ransons-criteria-pancreatitis-mortality>)**

(External link)

Estimates mortality of patients with pancreatitis

### **Vancomycin Dose Calculator (GUH)**

**(<https://calculator.medicaleguides.com/guh/calculators/#/vancomycin>)**

(Internal link)

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