

# Introducing Ascom Digistat Vitals



Single-entry vitals registration  
and scoring at the bedside



**ascom**

# Double documentation of vitals can drive error rates to as high as 15%\*

## It's statistics like this that led us to develop Ascom Digistat Vitals

### Vitals registration

Ascom Digistat Vitals is a game-changer. It lets clinicians enter vitals into an Electronic Medical Record (EMR) while still at the patient's bedside. Vitals are entered into a mobile device (e.g. the Ascom Myco smartphone), then transmitted to the EMR. Such e-documentation has been shown to be faster and less prone to errors than paper-to-EMR transcription.\*

### Guided automated scoring

Ascom Digistat Vitals is available with pre-loaded templates for the guided calculation of scores such as the Aldrete Score. A clinician enters the necessary values. Ascom Digistat Vitals does the rest: calculating the score, presenting it to the clinician for review, and uploading it to an EMR and/or trend chart. Each template can be customized to match a hospital's operational needs and objectives.

### Quick access to patient data

Studies identify paper-to-EMR vitals registration as a considerable drain on clinicians' time, and as having a high risk of errors and omissions. Also, more time elapses between the transcription of vitals and their becoming available in the EMR, as compared to bedside electronic registration.\* Ascom Digistat Vitals can help remove these obstacles to more efficient care.

- **Single entry of vitals and scores at the bedside**
- **Fast availability of vitals and scoring results in the EMR**
- **Pre-loaded customizable templates for guided automated scores calculations**

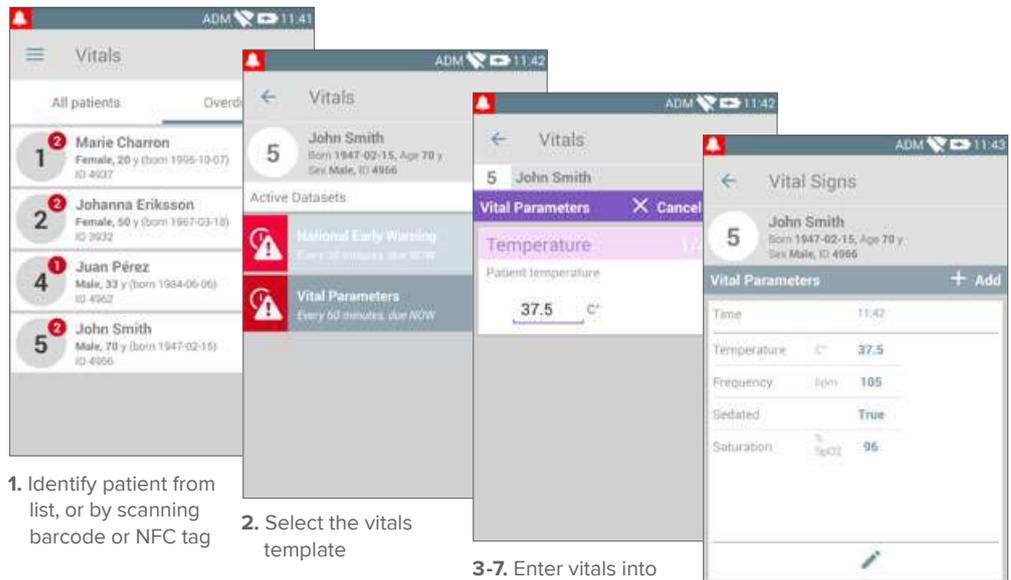




Vitals registration and scoring. Direct from bedside to EMR.

Two powerful tools in one streamlined application:

### 1. Vitals registration at the bedside



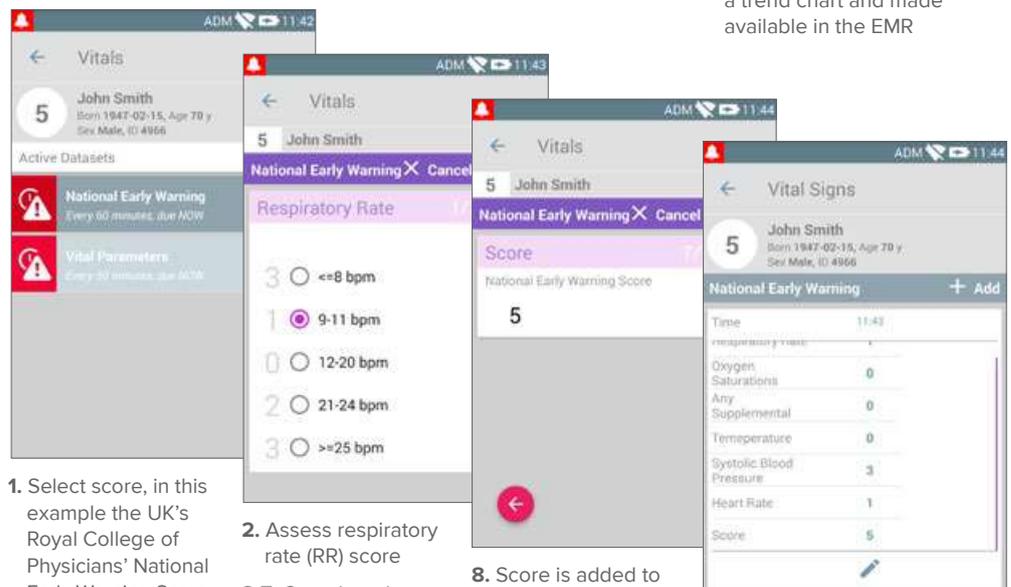
1. Identify patient from list, or by scanning barcode or NFC tag

2. Select the vitals template

3-7. Enter vitals into Ascom Myco or other handset

8. Vitals are added to a trend chart and made available in the EMR

### 2. Automated scoring with pre-loaded customizable templates



1. Select score, in this example the UK's Royal College of Physicians' National Early Warning Score (NEWS)

2. Assess respiratory rate (RR) score

3-7. Complete the rest of the assessments score

8. Score is added to a trend chart and made available in the EMR

9. View trend in the Ascom Digistat Vitals app on Ascom Myco, or Android® smartphone or EMR

# Ascom Digistat Vitals and Ascom Myco

Working together to deliver fast and accurate vitals registration and guided automated scoring

## Benefits

- Vital signs and scores available faster in EMR than with paper-based documentation\*
- Reduced risk of errors and omissions. Single-entry registration eliminates double documentation\*
- Fast, accurate scoring with guided, automated calculations. Ascom Digistat Vitals is available with pre-loaded scoring templates that can be easily customized to a hospital's specific requirements

## Features

- Export of vitals and scores to EMR via HL7 (optional for import of patient data from EMR)
- Pre-loaded with customizable templates for vital signs, medical scores, wound management (photos included)
- Vitals and/or scoring reminder interval. Worklist of patients ('My patient' function). Voice recorder for note taking
- Patient identification by: barcode scanning, Near-field Communication (NFC), identification from list
- Single sign-on for Ascom Unite, Ascom Digistat and Active Directory users

Ascom Digistat Vitals is an application specially designed to run on the Ascom Myco made-for-healthcare smartphone and selected Android\*\* devices. The Ascom Myco links mobile clinicians with patient monitoring, alert management, nurse call, analytics and asset tracking systems. It lets clinicians interact with, and benefit from, seamless data flows between patients, colleagues and equipment.

## Technical requirements

- Ascom Digistat Vitals requires a local Digistat server installation with one or more client workstations for data administration and reporting
- Ascom Digistat Vitals is compatible with the Ascom Myco smartphone and selected Android\*\* devices
- A Wi-Fi connection is needed between mobile and server part
- HL7 integration with local EMR is required to import patient data and export collected data
- A VPN connection to the server is required for remote support

Learn more about the Ascom Myco and the Ascom Healthcare Platform of solutions at [www.ascom.com](http://www.ascom.com)

## About Ascom

Ascom is a global solutions provider focused on healthcare ICT and mobile workflow solutions. Ascom's mission is to provide mission-critical, real-time solutions for highly mobile, and time-sensitive environments. Ascom is headquartered in Baar, Switzerland, has subsidiaries in 15 countries and employs around 1,200 people worldwide.

Digistat is a suite of modules that can be integrated to create monitoring, alerts management and data sharing solutions for the most demanding hospital environments: ICUs, trauma units, post-anesthesia recovery rooms, cardiology departments, etc.

### \* References:

Fieler, K. Vickie; Jaglowski, Thomas; Richards, Karen (2013) *Eliminating Errors in Vital Signs Documentation*, CIN: Computers, Informatics, Nursing. Vol. 31, NO. 9, 422-427. Wolters Kluwer Health | Lippincott Williams & Wilkins.

Stevenson, Jean E. (2016) 'Documentation of Vital Signs in Electronic Health Records: A Patient Safety Issue'. PhD Thesis, University of Sheffield.

\*\* Android is a trademark of Google Inc.

Ascom Digistat Vitals™ is not available in the USA and Canada.

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