

Arab Health 2019 – System solutions from seca define new measuring standards and optimize workflows in hospitals around the world

Hamburg, 21 January 2019 – Within the scope of Medicine 4.0, seca has long since moved beyond its strong portfolio of medical scales and height-measuring devices. For many years the company has made substantial investments in EMR-ready measuring solutions which optimize the ad hoc assessment of the patient's state of health. At this year's Arab Health seca will be presenting integrated system solutions that increase efficiency and patient safety in hospitals worldwide. At Hall 2 Stand H2.C19 visitors will see how seca optimizes workflows and taps diagnostic potential.

"Digitalization is changing the healthcare market and bringing with it major changes in requirements for our products and system solutions," says Robert Vogel, seca managing director for Sales and Marketing. "As an innovation driver, we have invested more than 10 percent of our revenue in research and development over the past several years. The result is system solutions that not only measure height and weight but also body composition and vital signs and transmit all data into the EMR. We can use non-invasive methods to look ever deeper into the patient and thereby advance the possibilities in diagnostics and treatment."

Arab Health 2019 Highlights

[Interface Module seca 452](#)

- Scales and height-measuring devices can be integrated completely.
- WiFi makes use possible anywhere; no extra hardware needed
- Identification of personnel and patients via the EMR system, bi-directional with bar code scanner

→ **Quick and secure centralization of relevant patient data in EMR**



[Baby Scale seca 333i](#)

- From anywhere at all, WiFi and the integrated digital measuring rod transfer height and weight directly into the EMR system.
- User and patient identification captured via bar code scanner

→ **Optimized workflow and increased patient safety**



[seca mBCA 514](#)

- Measures body composition in 17 seconds
- Precise and valid data for best assessment of health and nutritional status
- The only BIA whose validation against gold standard methods (full-body MRI scans, NaBr dilution and 4C) has been published in peer-reviewed scientific journals.¹

→ **Holistic and personalized diagnosis and treatment options**



seca | press release

seca mVSA 535ⁱⁱ

- World's first combined BIA and vital signs measuring system
- Registers blood pressure, SpO₂, pulse, temperature, body composition
- Combination of BIA and vital parameters permit a deeper look into patients than the BIA or vital signs alone can.

→ Differentiated ad hoc determination of patient's state of health and nutritional status



Convince yourself of the potential for efficiency improvements when you visit us at Arab Health in **Hall 2 Stand H2C19**. More information about seca, seca products and seca service is available at www.seca.com.

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seca – precision for health

Since 1840 seca has perfected the skill of developing innovative weighing technology combined with practical functions and has become the world's market leader in medical measuring and weighing. seca measuring systems and scales are sold by 16 branch offices and exported to 110 countries. The seca service network guarantees continuous maintenance of the precision instruments. To provide doctors and medical personnel with professional support, seca maintains close contact to users and tailors innovative products to the exact needs of their medical applications. Examples include networked measuring stations that communicate with each other, service and software systems that simplify medical routines and the medical Body Composition Analyzer (mBCA) which uses Bioelectrical Impedance Measurement (BIA) to revolutionize diagnostics and treatment. Ultra-modern production technology, durable materials and a worldwide quality management system ensure top-level product standards.

ⁱ Bosity-Westphal A, Jensen B, Braun W, Pourhassan M, Gallagher D, Müller MJ. Quantification of whole-body and segmental skeletal muscle mass using phase-sensitive 8-electrode medical bioelectrical impedance devices. Eur J Clin Nutr. 2017 Mar 22. doi: 10.1038/ejcn.2017.27.

Bosity-Westphal A, Schautz B, Later W, Kehayias JJ, Gallagher D, Müller MJ. What makes a BIA equation unique? Validity of eight-electrode multifrequency BIA to estimate body Composition in a healthy adult population. Eur J Clin Nutr 2013; 67: 14-21; doi:10.1038/ejcn.2012.160

ⁱⁱ FDA approval for seca mVSA pending