

*Children are not  
just smaller adults*

*Cardiopulmonary diagnostics  
in paediatrics*





## ***Our heart beats for children*** ***Cardiopulmonary diagnostics in paediatrics***

Heart disease in children is not uncommon: about one in 100 babies is born with a heart disease. It can be apparent at birth or years later. In addition to these congenital heart disorders, there are also acquired defects. The chances for the little patients are much better today than they used to be.

Nowadays, the issue of high blood pressure in childhood is also playing an increasingly important role: current studies show that more and more children and adolescents have elevated blood pressure levels. All of these cardiovascular diseases require special and adjusted diagnostics – because a child's organism works differently to that of an adult.

### ***Paediatric cardiovascular diagnostics in custo diagnostic***

#### **Resting ECG**

QT analysis takes into account cut-off values for children of 1 to 15 years

#### **Stress ECG**

Threshold values are configurable  
Calculation of the target load is age adjusted

#### **Holter**

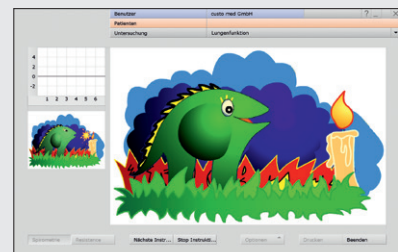
Threshold values are configurable

#### **ABPM**

Threshold values are configurable, the percentiles are taken into account

#### **Spirometry**

Predicted values free selectable  
children animation Schnaufi available



Resting ECG

Stress ECG

Holter

ABPM

Spirometry