

**RSC-BRACE**  
Rigo-System-Chêneau-Brace

Excellence in brace management for scoliosis:  
the brace isn't a "black box" anymore

## The Rigo System

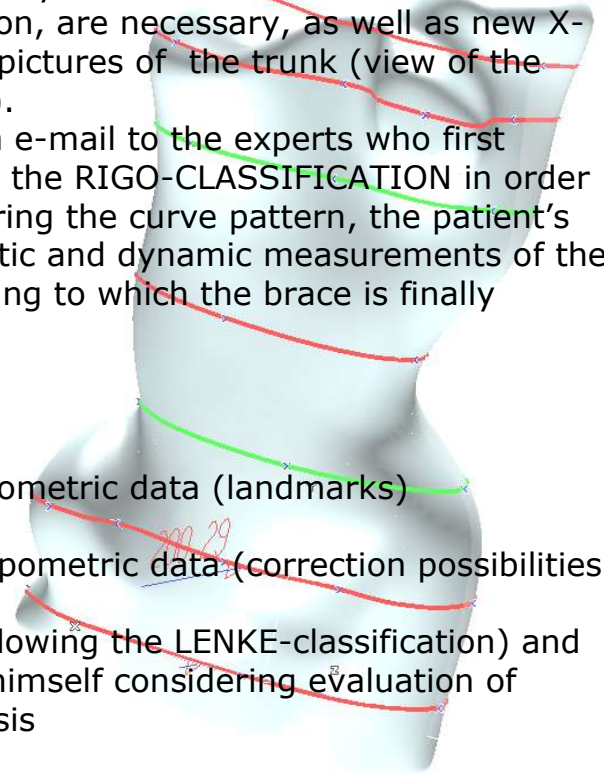
The consequent development of the  
original Chêneau principles



- High treatment security
- Less time consuming
- Quick application
- High 3D-correction
- Expert included

For the treatment with a Chêneau brace using the CAD-technique according to the RIGO -SYSTEM certain static and also dynamic measurement values describing the deformity and the correction, are necessary, as well as new X-rays (full spine in standing position) and pictures of the trunk (view of the back, frontal and lateral view, if possible).

After this procedure the data are sent via e-mail to the experts who first determine the curve pattern according to the RIGO-CLASSIFICATION in order to choose the appropriate model considering the curve pattern, the patient's age and curve severity. Based on the static and dynamic measurements of the patient a foam model is produced according to which the brace is finally constructed.



### **The procedure:**

- Measurement of the static antropometric data (landmarks)
- Measurement of the dynamic antropometric data (correction possibilities)
- Classification according to Rigo (following the LENKE-classification) and choosing the model by the author himself considering evaluation of X-rays, clinical pictures and diagnosis
- Construction of the individual brace based on a foam model by the Ortholutions CAD system

### **Advantages of this system:**

- It is not necessary to acquire an expensive device for brace fitting.
- A high primary correction is obtained by choosing a model which respects the three dimensional character and follows a specific classification
- High quality bracing can be done on a large scale, as the type of brace is chosen by scoliosis experts.
- the orthopedic technician's work becomes less time-consuming and thus cost-reducing
- Patients are more satisfied because the brace suits in the first place and because of the better treatment results and the higher treatment security
- The fitting can be done within 10 days

