

### CHARACTERISTICS OF ALL CHRISOFIX® PRODUCTS

- STABLE AND FORMABLE  
IN THE SAME TIME
- ADJUSTABLE WITHIN SECONDS  
WITHOUT WATER OR HEAT
- SEMICIRCULAR STABLE FIXATION  
WITH ORTHOSIS



### CHRISOFIX® ORTHOSES WITH IMMOBILISING STRAPS:

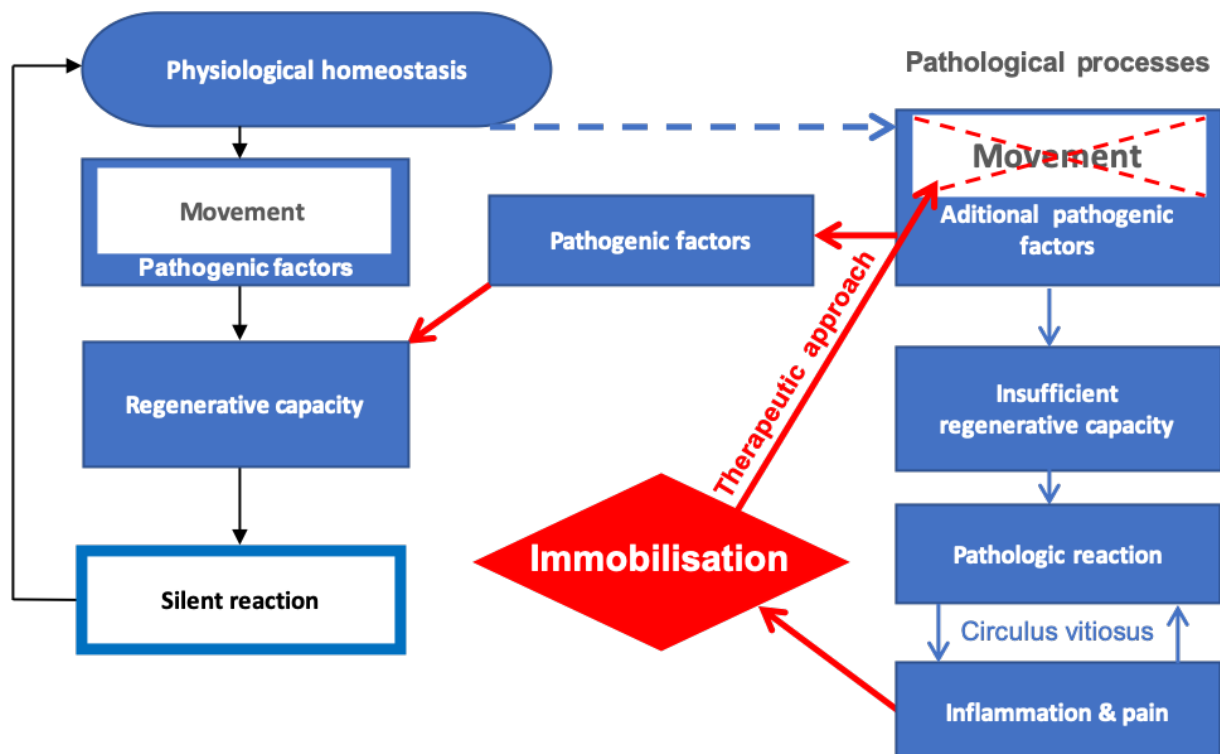
- GYPSUM (POP)-EQUIVALENT  
IMMOBILISATION WITHIN SECONDS
- IMMOBILISATION EVEN WITH  
INTERRUPTIONS FOR DAILY HYGIENE
- ADJUSTABLE AND RE-ADJUSTABLE  
IMMOBILISATION WITHIN SECONDS
- NEW THERAPEUTIC APPROACHES WITH  
IMMOBILISATION AS A SINGLE THERAPY



### Temporary immobilisation as a new therapeutic approach

Both, the **thumb saddle joint osteoarthritis** and **carpal tunnel syndrome** are classified as multicausal disease. Heritability, micro-traumas, hormonal disorders, gravidity etc. belong to the possible pathogenic factors. Within these, the movement of the hand is at least a **steady co-factor** and frequently the only one which can **be alleviate (inhibit) or even eliminate (immobilise)**. As long as the regenerative capacity of the organism can neutralise the combined effect of the actually working pathogenic factors as a whole, the well-being is secure (*first column: under physiological homeostasis*). The pathological processes start with the increase of the pathogenic factors (*second column: under pathological processes*). By reducing the movement and even more **in the case of immobilisation (red line)**, become the pathogenic factors on the whole reduced and as such neutralisable by the regenerative capacity of the organism.

### Flowchart of the assumed mechanisms



### New therapeutic possibilities with immobilising Chrisofix® orthoses

- Replacing the time-consuming POP and thermoplastic fixation after surgery or in non-dislocated fractures (improving the possibilities for daily hygiene and earlier start of physiotherapy)
- Reducing the duration of POP-fixation after the callus-development phase
- Increasing the frequency of patients healing without surgery for carpal tunnel syndrome
- Reducing or even replacing the use of NSAIDs in patients with thumb osteoarthritis and carpal tunnel syndrome
- Overnight immobilisation as single therapy in thumb osteoarthritis
- Reducing the severity and frequency of recurrences in patients with thumb osteoarthritis