

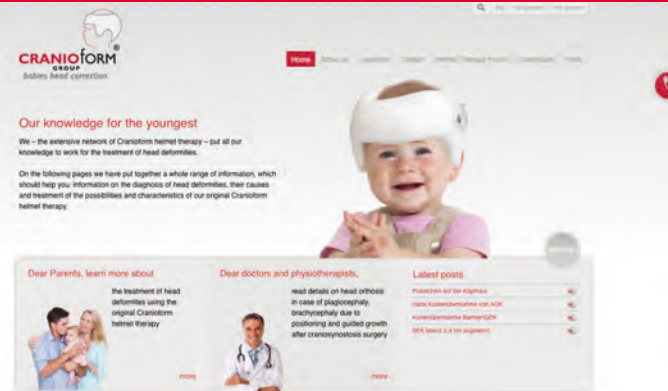
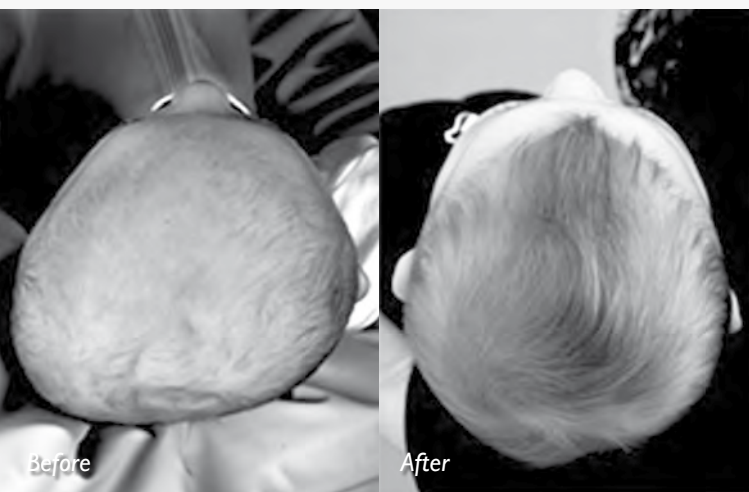
Depending on the age of the child when therapy begins – ideally in the fourth to sixth month of life – and the severity of the head deformity, treatment with the Cranioform helmet lasts from eight weeks to a few months. Your child should wear the helmet 23 hours a day during this time.

The doctors on our Cranioform team accompany and support parents and children throughout the treatment period.

Treatment progress is reviewed and discussed regularly. This allows us to see precisely where and how much the head of the child is growing and when therapy will be concluded.

The therapy result is stable and lasts a lifetime.

The before and after pictures on our website illustrate the success achieved with Cranioform helmet therapy in the past. Even in case of pronounced asymmetries, Cranioform helmet therapy results in balanced face and jaw growth in most cases.



You as affected parents surely have a number of questions which we are happy to answer. We have therefore compiled extensive information for you on our website at www.cranioform.com. Our homepage also features a platform to exchange experiences with other parents. We supplement this forum with web consultations, giving you a fast and uncomplicated way to network with us and clarify urgent questions directly.

The website also provides information on who from our extensive Cranioform network is there for you and your child close to your home. You do not have to travel far in order to obtain a professional consultation and optimum support. No matter where you are: our knowledge can benefit you and our youngest patients anywhere.

We are happy to help!



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OUR KNOWLEDGE FOR THE YOUNGEST

... in the treatment of head deformities caused by positioning with Cranioform helmet therapy





A CRANIOFORM HELMET IMPROVES QUALITY OF LIFE!

Perhaps you have met little babies wearing a helmet and wondered what this is all about? The explanation is simple and based on a medical indication. Such a helmet helps normalise the shape of the infant's head.

This is necessary in some cases when a child has a noticeable head deformity, which can lead to functional disturbances in severe cases. The helmet guides the skull as it grows, correcting the shape of the head.

In order to ensure that this process is as easy on babies as possible, we at Cranioform invest all our knowledge in the further development of diagnosis and therapy methods as well as the fabrication of custom therapy helmets. We have established an international network of head specialists from a wide variety of fields in order to bundle as much knowledge as possible. The active exchange of information in our network benefits the children. We

are committed to continuously advancing research and development for the benefit of our youngest patients. As a result, we are always up to date from a medical as well as a technology perspective, which allows us to ensure an exact diagnosis and successful therapy.

We use a 3D scan in diagnostics, which completes the contactless measurement of the child's head in 1.5 milliseconds and provides all data required for therapy and the custom fabrication of the helmet.

How do head deformities in young children occur?



Some babies are born with a head deformity. Possible causes include multiple pregnancies, lack of space or a stressful birth. But other head deformities only occur after birth. These are caused by the primary position in which the child lies. The practice to lay infants on their back in order to prevent sudden infant death syndrome may also lead to head deformities (e.g. pronounced flatte-

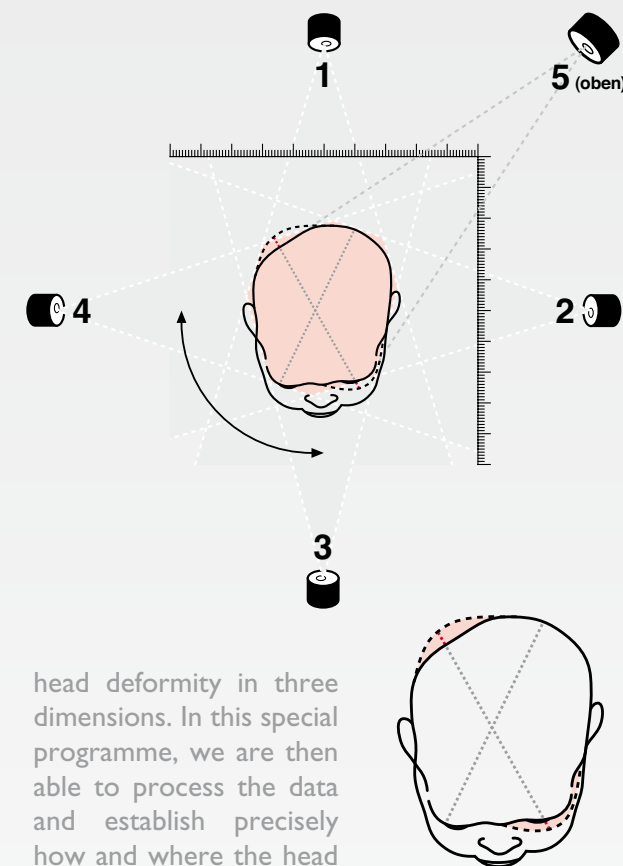
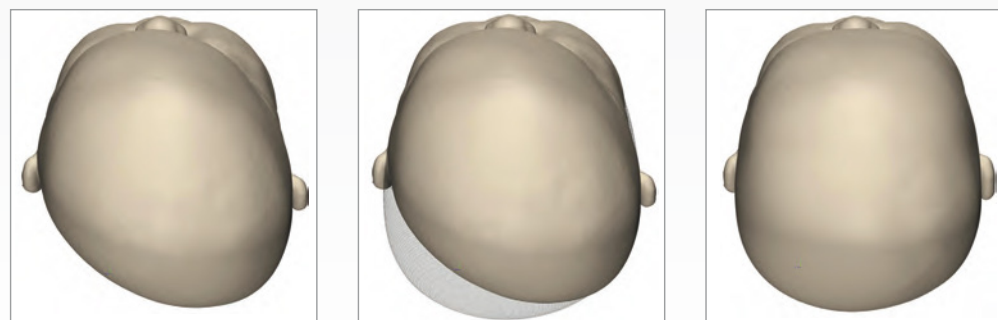
ning of the back of the skull). While head deformities that develop before birth usually self-correct during growth up to the fourth or fifth month of life, head deformities due to positioning after birth may be permanent. Self-correction is not possible in these cases, since the bones of the skull become harder with age and natural changes in the shape of the head are no longer observed from the fourth or fifth month of life and up. Cranioform helmet therapy can help prevent functional disturbances and avoid possible teasing by older children.

In contrast to what outsiders may suspect at first glance, Cranioform therapy does not involve pressure.

Cranioform helmet therapy takes advantage of head growth in children and guides it in the direction of the flattened areas.

The Cranioform helmet, which is fabricated for each child and individually adapted according to precise measurements of the head, contacts the skull where the shape of the head is already ideal. On the other hand, it leaves space over the flattened areas. During treatment, the head therefore grows into the precisely calculated ideal shape established by a doctor. We use especially developed software in order to capture the extent of the

ESTABLISHING THE IDEAL HEAD SHAPE



head deformity in three dimensions. In this special programme, we are then able to process the data and establish precisely how and where the head should grow.

The helmet itself is made exclusively of highly skin-friendly, lightweight materials

This ensures that the child notices the helmet as little as possible. After more than 15 years of providing treatment in practice, we are by far the most experienced European experts in this field. Time and time again, we have noted that children very quickly get accustomed to wearing the helmet. Their natural urge to move does not appear to be impaired.