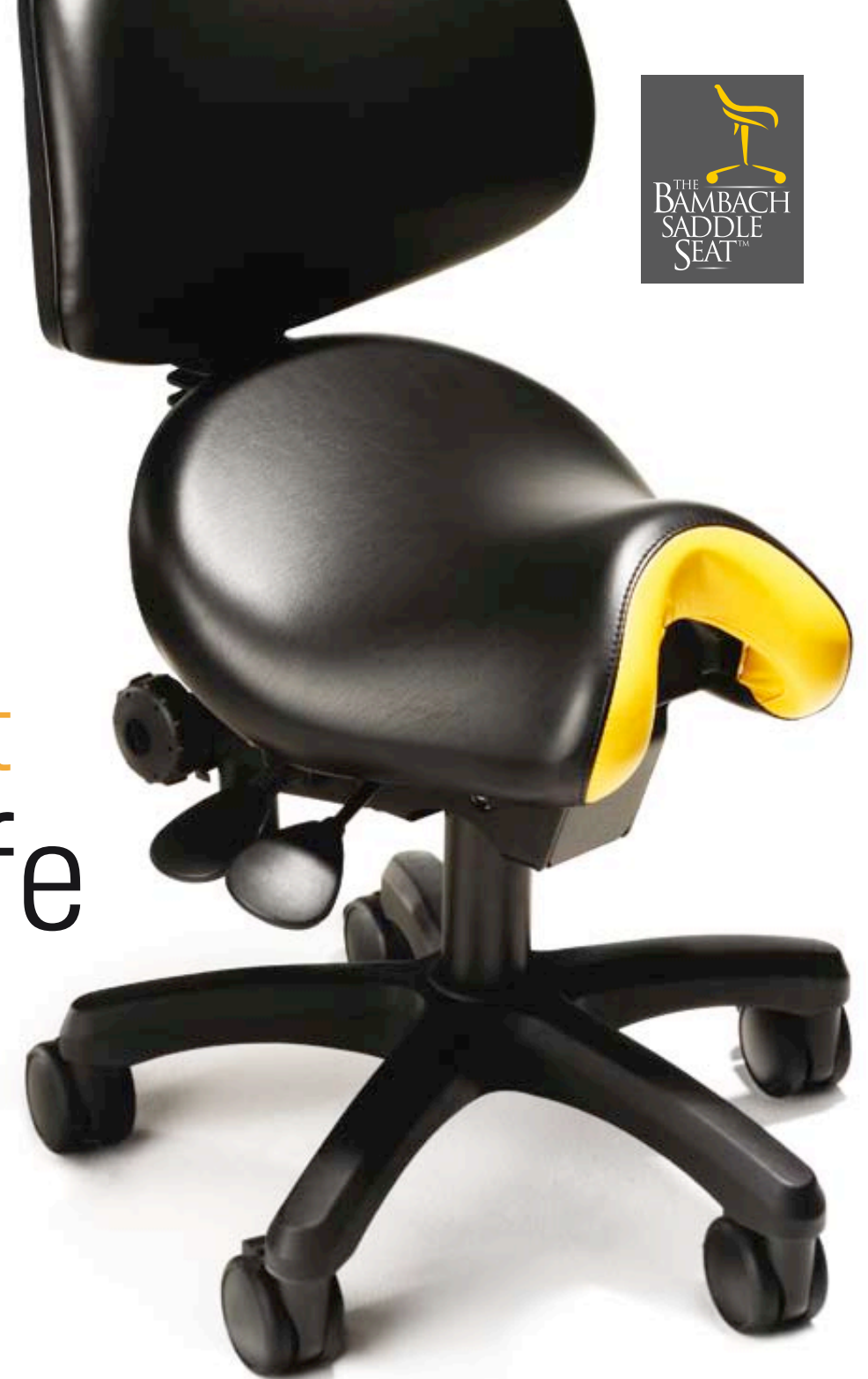




Change a seat  
Change a life





The Bambach Saddle Seat™ is used by Health Professionals worldwide as a therapeutic tool in the management of numerous conditions and as a highly effective means of increasing independence, optimizing quality of life and preventing the onset of further complications.

**For a FREE assessment, FREE demonstration  
and FREE no obligation 14 day trial of The Bambach...  
Call Freephone 0800 581 108**

# Seating and sitting posture



*Bad posture on conventional seating*



*Good posture on the Bambach*

**Research suggests that school children spend up to 80% of their school day in a static sitting position<sup>1</sup>. This means that good sitting posture is crucial in ensuring healthy development and maximizing potential.**

Sitting posture is a fundamental component of how children access the curriculum, experience life and interact with those around them. Posture influences our ability to move, our range of motion and subsequently dictates what we can and cannot do. Good posture places the body in a balanced position which ensures that we work efficiently and carry out tasks to the best of our ability. This also opens up the chest and abdomen which ensures that breathing and internal organ function are optimized allowing unrestricted breathing and intake of oxygen, resulting in more energy and general well being. This will improve the child's concentration, focus and attention and capacity to learn. Correct positioning will give the child the stability he or she needs to perform an activity more efficiently allowing the child freedom to concentrate on the task at hand.

## How well do we sit?

We are often guilty of assuming unhealthy or inappropriate postures when sitting for long periods of time. Unfortunately individuals with additional needs or neurological disorders which compromise muscle tone and postural stability are often at a greater risk of this. Due to their condition they may have a compromised ability to maintain a healthy posture and may also spend longer periods sitting due to limited mobility.

This will inevitably result in the child falling into inappropriate postures. These put the body at a biomechanical disadvantage and encourage unfavourable patterns of movement which are not only inefficient but are also detrimental to the child's function and capabilities. Good sitting posture encourages patterns of movement which are energy efficient allowing increased capacity for increased concentration or activities such as schoolwork or play.

## Conventional school seating

Unfortunately conventional seating design does not facilitate good posture. Conventional seating requires the hips to be flexed at a 90° angle which leads to the pelvis rotating backwards and a flattening of the lumbar spine. This leads to a 'collapsed' or 'C' shaped posture which will become worse when the child leans forward to perform a task, such as schoolwork. In this passive sitting posture the core postural muscles are inactive for long periods which in time leads to weakness and further deterioration in posture and postural control.

## Problems associated with poor sitting posture

- Increased fatigue
- Decreased attention levels
- Poor concentration
- Restlessness and behavioral problems
- Decreased social interaction
- Increased lumbar intra-discal pressure
- Increased tension on the neck, shoulder and back muscles
- Decreased lung capacity restricting breathing
- Reduced abdominal space limiting internal organ function
- Decreased circulation

# The Bambach Saddle Seat™ – the postural solution



Originally from Australia 'The Bambach Saddle Seat' was designed by an Occupational Therapist. Following years of using horse riding as a therapy, she was often amazed at the profound effect simply sitting on horseback had upon the sitting posture and trunk control of individuals with neurological symptoms. The benefits of horse riding as a therapy are now of course well documented, however, she identified the need for a seat which could replicate the saddle sitting position, therefore allowing individuals to enjoy improved posture in an easily accessible and cost effective manner.

## How does the Bambach work?

Sitting on a Bambach encourages healthy posture. With an increased sitting height and slight abduction of the hips, replicating the horse riding position, the shape and tilt mechanism of the Bambach allows the pelvis to be positioned and supported in its neutral position.

Supporting the pelvis in this way allows the spine to maintain an upright and symmetrical posture ensuring that the postural control muscles are active and work in a balanced manner. Subsequent research has reported both improved posture and postural control in a saddle sitting position compared with conventional flat seating<sup>2,3</sup>.

This improvement in sitting posture will not only reduce the risk of musculoskeletal problems common to individuals with neurological symptoms and decreased postural awareness but can also have dramatic effects on function, independence and quality of life.

Bambach Saddle Seats have improved the lives of children and young adults with various conditions including:

- **Cerebral palsy**
- **Muscular Dystrophy**
- **Spina Bifida**
- **Rett Syndrome**
- **Prader Willi Syndrome**
- **Spinal deformity (Scoliosis, kyphosis etc)**
- **Visual Impairment**
- **Autism**
- **Attention deficit hyperactivity disorder (ADHD)**



## References:

1. Cardon, G; De Clercq, D; De Bourdeaudhuij, I; Breithecker, D. (2004) Sitting habits in elementary schoolchildren: a traditional versus a 'Moving school'. *Patient Educ Couns*; **54**:133–142
2. Stewart, P; McQuilton, G. (1987) Straddle seating for the cerebral palsied child. *British Journal of Occupational Therapy*; **50**(4):136-8.
3. Reid, D.T. (1996) The effects of the saddle seat on seated postural control and upper-extremity movement in children with cerebral palsy. *Dev Med Child Neurol*; **38**(9):805-15.

# The therapeutic benefits of using a Bambach



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Page 19

- **The limbs are maintained in a mid-range position which can minimize abnormal tone and maintain muscle length and joint range of movement**
- **Focus on pelvic control maintains an upright stable pelvis in its neutral position. In this position the spine, shoulder girdle, trunk, head and neck can function in their most stable position**
- **A clear midline assists balance and symmetry**
- **The individual sitting upright is in an active dynamic posture rather than a passive collapsed position**
- **Partial weight bearing can be encouraged through to standing, addressing abnormal muscle tone and increasing sensory stimulation**
- **Dynamic sitting facilitates muscle activity which ensures the stimulation of normal and symmetrical growth of bone and soft tissue**
- **Trunk and head control are easier in the natural position promoted by the Bambach, so that functional activities, such as swallowing and speech are improved**
- **Thoracic, abdominal and pelvic spaces are maximized resulting in improved lung and internal organ function and circulation**
- **With the upper body stable and free to move in this upright posture, social interaction is a great deal easier**
- **With the spine and shoulder girdle in neutral, the shoulders and arms can work efficiently facilitating writing or other schoolwork and hobbies and crafts**
- **Self care activities, such as meals, washing and dressing are also more easily performed**

## Who can use a Bambach?

Therapists are regularly amazed at the results the Bambach Saddle Seat can have on the sitting posture of children with neurological symptoms. Children who display very poor posture and sitting balance on conventional seating will often find a Bambach considerably more supportive and will assume healthier sitting postures. There are however basic requirements necessary for using a Bambach Saddle Seat:

- *The child must have a minimal trunk control and must be able to maintain midline for short periods*
- *The child must be able to assume a minimal amount of support through the legs*

Continued use of the Bambach will act as a therapy and will improve trunk control, sitting balance and both lower and upper limb function.



# Overview of Bambach Saddle Seat core products

Call 0800 581 108 and ask for your **FREE** assessment and **FREE** 14 day trial to see how effective this amazing seat can be.



## Standard Bambach Page 9

- The original Bambach Saddle Seat
- Suitable for schoolchildren and can be used into adulthood
- Ensures an optimal sitting posture at school or home

### Areas of use

- Motor impairments
- Abnormal muscle tone
- Decreased postural stability
- Decreased spatial/visual awareness



**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**

## Bambach Cutaway Page 11

- Like the Bambach with a narrowerommel at the front
- Suitable for children with a narrower pelvis
- Also ideal for children with limited hip abduction

### Areas of use

- Motor impairments
- Abnormal muscle tone
- Decreased postural stability
- Decreased spatial/visual awareness



**FREE  
14 DAY  
TRIAL**

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UPGRADE  
as child  
grows**

## Bambino Page 13

- The smallest of the Bambach family
- Suitable for younger children (2 yrs +)
- Suitable for the older child with smaller stature
- Encourages an active independent healthy posture from an early age
- Postural issues are easier to address from an early age

### Areas of use

- Motor impairments
- Abnormal muscle tone
- Decreased postural stability
- Decreased spatial/visual awareness



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TRIAL**

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UPGRADE  
as child  
grows**

Shown with optional back rest

# The seat that grows with the child

## The Bambach saddle seat is a therapeutic seat for life!

As well as featuring an adjustable hydraulic stem, every Bambach purchase includes a FREE stem upgrade!  
This ensures that as the child grows and develops they will continue to enjoy the benefits provided by the Bambach.



## Bambach Executive Page 15

- The largest of the Bambach seats
- The greater seat area provides postural support for the larger user
- Ensures a healthy posture in school, home or work environment

### Areas of use

- Motor impairments
- Abnormal muscle tone
- Decreased postural stability
- Decreased spatial/visual awareness



**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**

## Fixed Footplate Page 17

- Can be fitted when a child has an issue with seat height
- Can be fitted to one or both sides

### Areas of use

- Hemiplegia
- Leg length discrepancies



**FREE  
14 DAY  
TRIAL**

Shown with  
optional back rest  
and lap strap

## Adjustable Height Footplate Page 19

- Allows access to work surfaces of various heights
- Allows access to all areas of the curriculum

### Areas of use

- Dining table
- Work benches in school



**FREE  
14 DAY  
TRIAL**



**Expert opinion:** “The Bambach is a great tool for improving the sitting posture of children with postural issues, regardless of age or underlying condition.”

**Call Freephone 0800 581 108 and ask for a FREE assessment and FREE 14 day trial to see how effective this seat can be.**

**Email** [info@bambach.co.uk](mailto:info@bambach.co.uk) **or visit** [www.bambach.co.uk](http://www.bambach.co.uk)

The Bambach Saddle Seat (Europe) Ltd.

6 Prospect Business Park, Langston Road, Loughton, Essex IG10 3TQ



# Bambach Saddle Seat

Order Code : BAM 1SN



## Expert opinion:

“The Bambach helps improve social interaction, self confidence and self esteem.”

The standard Bambach saddle seat is suitable for schoolchildren from the age of 4 or 5 depending on growth and can be used by that same child through their school years and onwards into adulthood. The Bambach ensures healthy spinal posture by maintaining and supporting the pelvis in an upright neutral position. The standard Bambach, like all of the Bambach seats comes with an optional backrest and lap belt depending the individual's needs. All Bambach seats come with an appropriate height gas lift and a star base with locking castors to suit the user environment and the particular needs of the user.

### Key features

- Ensures a healthy posture in school, home or work environment
- Easy clean vinyl covering in a choice of colours
- Available with an adjustable height stem or gas lift options
- Manually adjusted tilt mechanism (-5° – +15°)
- Black Swedish aluminium star base (558mm footprint)
- Locking castors

### Optional extras

- Back rest
- Fixed lap belt
- Trunk harness
- Height locking bracket
- Removable tilt handle
- Standard soft castors
- Locking when loaded castors
- Locking when unloaded castors
- Glides



**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**

# Case study

## Brooke

7 years old

### Seat specification:

- Standard Bambach
- Backrest
- Height locking bracket
- Lap belt.

**Brooke was diagnosed with right sided hemiplegia when she was two years old.**

**Brooke is very independent and copes really well with day-to-day activities. She mobilises independently for short distances but can have difficulty walking long distances and sitting for long periods at a time.**

### Before using a Bambach

On conventional seating, Brooke had a tendency to slump to her right and neglect her right arm.

Brooke would also complain of hip pain after sitting for long periods.

Brooke required a school chair that would encourage increased postural control and use of the affected side of her body. For this reason her physiotherapist recommended the Bambach Saddle Seat.

### Since using her Bambach

Brooke has now been using her Bambach at school for three years.

After slowly increasing the length of time using the seat, Brooke is now able to use her Bambach all day, every day!

By providing a stable and symmetrical pelvic and trunk position, the Bambach has improved Brooke's sitting posture meaning that she is now able to actively achieve and maintain a healthy upright sitting position and no longer slumps at her desk.



Brooke's teacher says  
***"Brooke is really happy and sits completely naturally on her Bambach!"***

This improved sitting posture has facilitated Brooke's upper limb function encouraging more active use of her right arm.

The Bambach ensures Brooke has equal weight bearing through both legs and ensures that the leg muscles are maintained in a lengthened position, preventing further complications and improving joint range of movement. Using a Bambach, Brooke no longer experiences hip pain and her parents and therapists have observed a marked improvement in her walking.



*Bad posture on conventional seating*



*Good posture on the Bambach*



# Bambach Cutaway

Order Code : BCS



**Expert opinion:**  
“The Bambach encourages an active sitting position, ensuring that the child activates and develops their core stabilizing muscles.”

Like the standard Bambach Saddle Seat, the cutaway encourages a healthy sitting posture and the benefits that go along with having the pelvis and spine in a neutral position. The Cutaway differs however in the fact that the frontommel is slightly narrower. This means that the user has their knees slightly closer together with less abduction of the hips. This is particularly useful for children with a narrower pelvis or more commonly for the child with muscle tightness of the adductor muscles of the inner thigh, which is a common neurological symptom (in particular in children with Spastic Diplegia CP), and may limit the child's ability to straddle the standard Bambach.

## Key features

- Like the standard Bambach but with a narrowerommel at the front
- Suitable for children with a narrower pelvis
- Also ideal for children with limited hip abduction
- Ensures a healthy posture in school, home or work environment
- Easy clean vinyl covering in a choice of colours
- Available with an adjustable height stem or gas lift options
- Manually adjusted tilt mechanism (-5° – +15°)
- Black Swedish aluminium star base (558mm footprint)
- Locking castors

## Optional extras

- Back rest
- Fixed lap belt
- Trunk harness
- Height locking bracket
- Removable tilt handle
- Standard soft castors
- Locking when loaded castors
- Locking when unloaded castors
- Glides



**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**



# Case study

## George

9 years old

### Seat specification:

- Bambach Cutaway
- Backrest
- Height locking bracket
- Lap belt.

**George was diagnosed with Cerebral Palsy when he was a year old. The condition mainly affects the right half of his body and both legs.**

**George has spasticity in both lower limbs, particularly in his hip adductors and hip flexors, medial hamstrings and calf muscles. This compromises George's mobility and means that he walks with a flexed gait.**

### Before using a Bambach

On conventional seating, George's symptoms meant that he was unable to sit in a symmetrical posture and tended to lean to one side and slouch.

This meant that George found certain school tasks difficult and would often use a raised board on his desk.

George required an easy, effective, comfortable and acceptable seating solution to achieve better hip and pelvic positioning, with his affected muscles in a more lengthened position than on conventional chairs.

The Bambach was recommended to George's parents by his Physiotherapist.

### Since using his Bambach

George has now been using his Bambach for three years. He uses one at school where he is able to use the seat all day. He also uses a Bambach at home.



George says ***"I'm really lucky. I've got one at school and one at home..."***

The Bambach prevents George from slouching when sitting and allows him to sit in a much improved symmetrical posture.

By providing a stable and symmetrical pelvic and trunk position, the Bambach gives George a solid base which has facilitated his upper limb function making school tasks a great deal easier.

The sitting position on the Bambach places George's hips in an abducted and externally rotated position and knees in a mid-range position. This places a passive stretch on the tight muscle groups which will help maintain muscle length, reducing the risk of medical/surgical interventions as he grows.



*Bad posture on conventional seating*



*Good posture on the Bambach*



# Bambach Bambino

Order Code : CHD



**Expert opinion:**  
“Correct use of a Bambach Saddle Seat can in the long term help prevent spinal deformity and hip dysplasia which often require surgical intervention.”

Following consultation with therapists and several years of using Bambach products with children with special needs, we have found that using a Bambach from as early an age as possible brings about the best results. The Bambino is the smallest member of the Bambach family and is designed to provide the postural benefits of the Bambach to children as young as 2 years old. It can also be used by older children who are smaller in stature or who have a narrower frame.

## Key features

- Compact saddle profile
- Ensures a healthy posture in school or home environment
- Easy clean black vinyl covering with distinctive gold front and rear
- Available with an adjustable height stem or gas lift options
- Manually adjusted tilt mechanism (-5° – +15°)
- Black star base (457mm footprint)
- Locking castors

## Optional extras

- Back rest
- Fixed lap belt
- Trunk harness
- Height locking bracket
- Removable tilt handle
- Standard soft castors
- Locking when loaded castors
- Locking when unloaded castors
- Glides



Shown with optional back rest

**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**



# Case study

## Jack

5 years old

### Seat specification:

- Bambach Bambino
- Backrest
- Lap belt

**Jack has Cerebral Palsy with Spastic Diplegia.**

**The condition mainly affects Jack's lower limbs. This has led to muscle weakness and increased muscle tone in both legs, in particular the hip adductors, hip flexors, hamstrings and calf muscles.**

**Jack is able to walk independently but his gait is affected by muscle tightness in his legs, in particular his hip adductors.**

### Before using a Bambach

His symptoms had previously compromised his sitting posture on conventional seating. His parents and therapists found that all Jack's efforts were needed to maintain his balance which meant his upper limb function was affected. This compromised his ability to participate in activities both at school and at home.

Jack would also often complain of back ache and neck pain following sitting for long periods.

Jack's physiotherapist wanted to provide Jack with a functional seat that facilitated good posture allowing him to take a full part in school and home life.



Mum says ***"It helps fight the battle to keep him on his legs for as long as possible. It's reassuring to know that when he is working on things such as homework, his posture is not suffering."***

### Since using his Bambach

Jack has since been using his Bambach for two and a half years and now actually has two seats. He uses one at home for eating, homework and arts and crafts. The other is used for desk work in school.

By providing a stable and symmetrical pelvis and trunk position, the Bambach allows Jack to maintain a healthy upright posture. This has improved his upper limb function and ensured that Jack can put all his attention into the task at hand.

On his Bambach, Jack is able to sit still for long periods whereas other seating would require him to keep shifting in order to balance. This has helped improve Jack's concentration levels in school.

The saddle sitting position also ensures that the tight hip adductor muscles are placed on a stretch which helps maintain muscle length and reduce the risk of future complications.





# Bambach Executive

Order Code : EXE



**Expert opinion:**  
“The Bambach allows improved access to the curriculum which enhances a child's learning and development.”

The Executive Bambach is the largest of the Bambach family. Suitable for either a larger framed user or for a younger child who requires a greater sitting surface, the Bambach Executive ensures that the users are sitting comfortably in a healthy upright posture but are also safe and secure and fully supported.

## Key features

- The largest of the Bambach seats
- The greater seat area provides postural support for the larger user
- Ensures a healthy posture in school, home or work environment
- Easy clean vinyl covering in a choice of colours
- Available with an adjustable height stem or gas lift options
- Manually adjusted tilt mechanism (-5° – +15°)
- Black Swedish aluminium star base (558mm footprint)
- Locking castors

## Optional extras

- Back rest
- Fixed lap belt
- Trunk harness
- Height locking bracket
- Removable tilt handle
- Standard soft castors
- Locking when loaded castors
- Locking when unloaded castors
- Glides



**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**

# Case study

## Laurel

17 years old

### Seat specification:

- Bambach Executive
- Backrest

**Laurel suffers with Cerebral Palsy, has a spinal scoliosis and is also autistic.**

**She is currently at College studying 'Skills for life' and also spends one day a week on a work placement.**

**Laurel can walk independently for short distances but mobilizes with a flexed gait due to tightness in her hip flexors. She relies on her wheelchair for mobility in situations which would need her to walk longer distances.**

Laurel's spinal deformity means that she often suffers with considerable back pain and finds standing for long periods particularly painful.

### Before using a Bambach

Laurel had tried other specialist seating but had found them difficult to tolerate due to her decreased sitting balance and back pain.

Laurel's Occupational Therapist recommended the Bambach Saddle Seat as she was aware that Laurel had been horse-riding for several years which had been very successful in improving balance, coordination and core stability.

The aim of using a Bambach was to improve sitting balance and allow a more symmetrical sitting posture with the hope of addressing her scoliosis and reducing back pain.

### Since using her Bambach

Laurel has now been using her Bambach at home for over two years. She mainly uses it at the computer which she uses for her studies and leisure activities.



Laurel says *"...I love the seat... the only thing it doesn't have is stirrups!"*

With the pelvis and trunk supported on the Bambach, Laurel is able to maintain a healthy, upright sitting posture when working at the computer. This is crucial in ensuring that her spinal deformity does not progress which could possibly result in surgical intervention.

The sitting position on the Bambach also places the hips flexor muscles in a lengthened position compared with conventional seating which will hopefully help maintain muscle length which will assist Laurel's mobility.

Laurel uses an executive saddle as it gave her a wider base of support and she found it the most comfortable of the Bambach range.

Since using the Bambach, Laurel's family have also seen a marked improvement in terms of her back pain.



# Fixed Footplates

Order Code : FP (single), FT (twin)



**Expert opinion:**  
“By maintaining the pelvis in its neutral position, the Bambach ensures the spine is naturally maintained in a natural and healthy ‘S’ shaped posture.”

Fixed footplates can be fitted to the star base when a child has a slight issue with seat height. These can be built up depending upon the individual needs of the child. A single footplate can also be fitted and is particularly beneficial for users with a leg length discrepancy. A single footplate can also be used to encourage active use of a weaker limb which is common in individuals with Hemiplegia. The base can also be rotated to ensure that the footplates are at the rear when not required.

## Key features

- Available for left foot, right foot or both feet.
- Strong 15mm Birch plywood construction
- Textured non-slip top surface
- Stylish footplate profile
- Can be rotated to rear of seat when not needed
- The height profile can be raised by fitting additional rests.



Shown with optional back rest and lap strap

**FREE  
14 DAY  
TRIAL**

**FREE  
UPGRADE  
as child  
grows**



# Case study

## Hannah

11 years old

### Seat specification:

- Standard Bambach
- Fixed footplate
- backrest
- Lap belt

**Hannah suffered from TB induced meningitis at the age of one, as a result of which she had a stroke. This has left her with severe weakness down her right hand side.**

**Her right arm is particularly affected which means that Hannah has very little functional use of her right hand.**

Hannah is able to walk independently, however weakness in her right leg means that she needs a stick for walking distances.

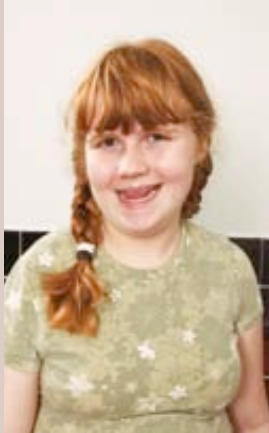
Hannah is unable to stand for long periods and when standing has to use her left hand to hold on to her stick or a solid surface which means she has no useful hand to carry out tasks.

### Before using a Bambach

Hannah has difficulty in maintaining a healthy sitting posture conventional seating. Decreased pelvic control results in Hannah's pelvis rotating backwards into a posterior tilt position. This causes Hannah to slouch, often over to her weaker side which places unnecessary strain on her spine and also compromises her ability to use her stronger left arm/hand.

Hannah's Physiotherapist highlighted the need for a functional task seat that would encourage an active sitting position and also encourage active use of her weaker right leg.

By fitting a fixed footplate on the left side of the star base, the therapist aimed to encourage increased use of Hannah's weaker right leg for movement.



Hannah says ***"I like the Bambach because I can learn to cook now as I can reach the kitchen surfaces... unfortunately I no longer have an excuse not to help with washing up!"***

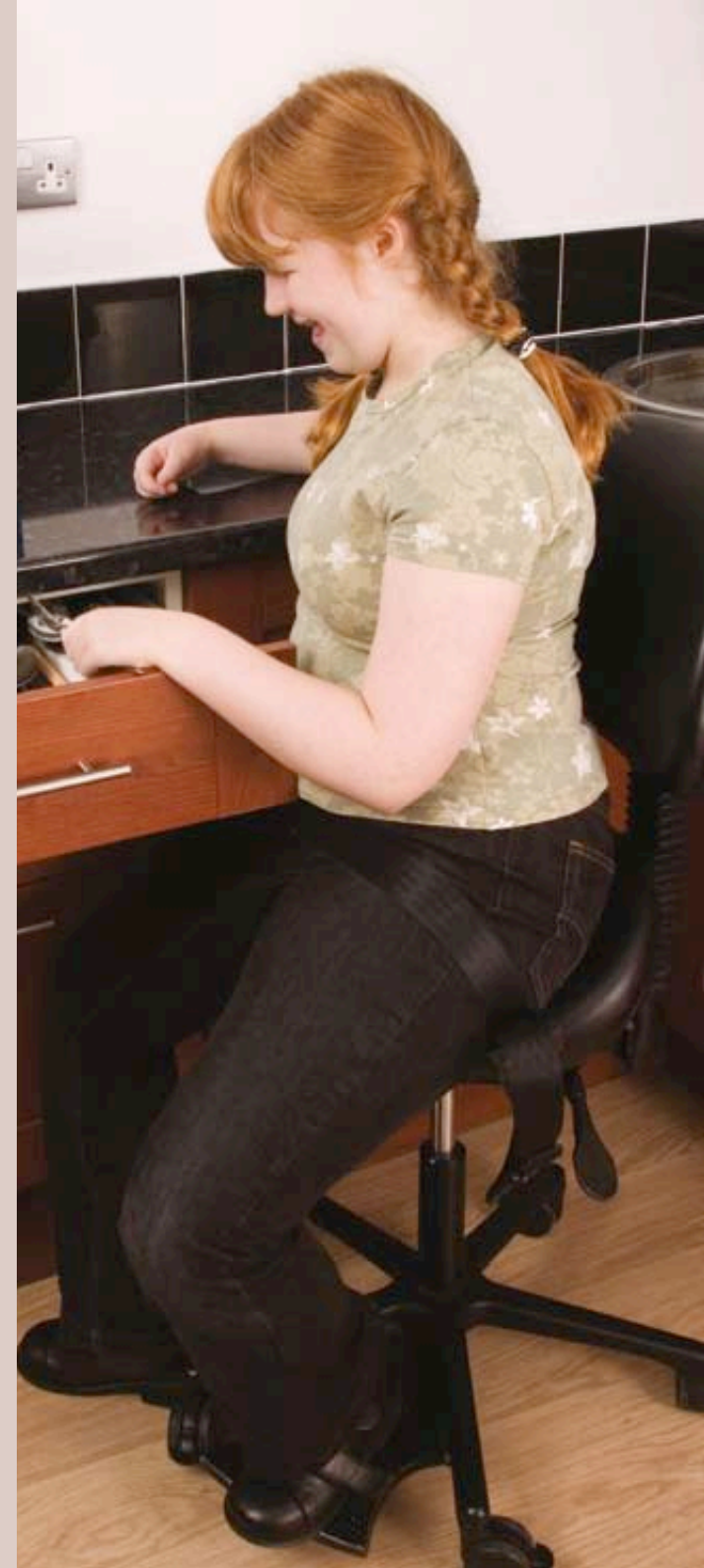
### Since using her Bambach

Hannah has since been using her Bambach for over two years.

In the Bambach, Hannah's pelvis is maintained and supported in its neutral position which allows Hannah to actively maintain an upright and symmetrical sitting posture. This has improved her core stability and her postural control.

This improved posture allows Hannah to sit upright and unsupported meaning she does not need to use her stronger hand for balance and support. This enables her to carry out many tasks which she would otherwise be unable to do.

She uses it for doing homework, for cooking, washing up activities in the kitchen and also table top activities such as painting, drawing etc. She also uses it as an exercise tool, as propelling herself with her weaker right leg helps improve leg strength which assists her general mobility.



# Adjustable Height Footplate

Order Code : AFP



## Expert opinion:

“Sitting on the Bambach places the hips in an abducted position.

This places a passive stretch on the hip adductor muscles of the inner thigh which can often become tight in individuals with neurological conditions.”

There are often situations when a child will be required to use a stool or sit at a higher work surface. This may be in the home to sit at the dining table for family meals, or in the school environment when participating in lessons such as science, design technology etc., using work benches. For this reason, Bambach have developed an adjustable height footplate. The footplate is fully adjustable in height and can also be rotated 180 degrees to the rear when not required and the seat used as normal. The adjustable height footplate comes with an oversized star base to ensure stability of the seat when using the footplate.

## Key features

- Can be fitted to Bambino, Standard and Cutaway seats with gas lift stems (FGL1-4)
- Larger 5 star base for greater stability (700mm footprint)
- Stylish footplate profile
- Textured non-slip top surface
- Graduated guide for ease of re-positioning
- Can be rotated 180 degrees when not needed
- All locking castors



**FREE  
14 DAY  
TRIAL**

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UPGRADE  
as child  
grows**

**LEFT:** This image shows the Locking hand knob and the graduated guide located at rear of the gas lift.

**RIGHT:** The footplate in store mode – Rotated to the rear allowing the user to have their feet on the floor..



# Case study

## Maisie

4 years old

### Seat specification:

- Bambach Bambino
- Adjustable height footplate
- Backrest
- Lap belt

**Maisie has Cerebral Palsy with a right sided hemiplegia. She also has epilepsy.**

**This has led to a significant weakness on the right side of her body. Her right leg and foot are very weak which limits Maisie's mobility and there is also a significant weakness of her right arm and hand although to a lesser degree than the lower limb.**

Maisie has increased muscle tone in her right leg with particularly tight hip adductors and hamstrings. Without regular stretching and lengthening this will progressively worsen, affecting mobility and function.

### Before using a Bambach

Maisie had difficulty in maintaining a healthy posture on conventional seating. The lack of pelvic support inevitably leads to Maisie falling into a passive slouched posture, often over to her weaker right side.

This slumped posture meant that she had difficulty with eating and also schoolwork and arts and crafts.

Maisie's Physiotherapist wanted to provide Maisie with a seat that not only facilitated good sitting posture, but also enabled her to access higher work surfaces which would allow her to participate in family dining table activities.

### Since using her Bambach

Maisie has now been using her Bambach seat for approximately two years. The adjustable height footplate means that Maisie can sit with her feet flat on a solid surface, ensuring good sitting posture at the dining table.

Maisie uses her Bambach during mealtimes and also for creative activities which she very much enjoys.



Mum says *"..since Maisie has had her Bambach chair, her posture is greatly improved when compared to normal seating. In particular it also enables her to participate in creative activities with ease."*

The stable, symmetrical pelvic position achieved with the Bambach means that Maisie's trunk is supported and she can actively maintain an upright, healthy spinal posture.

Equal weight through both legs with the joints maintained in a mid-range position helps address the abnormal muscle tone and maintain muscle length and joint range of motion.

Continued use of the Bambach will also reduce the risk of future issues synonymous with poor posture such as scoliosis.

Improved spinal posture has also facilitated Maisie's upper limb function as she no longer needs to support herself on her right side. This ensures that both hands are free for activities, which has helped in significantly improving her handwriting skills.



*Bad posture on conventional seating*



*Good posture on the Bambach*





# The seat that grows with the child

## The Bambach Saddle Seat is a therapeutic seat for life!

As well as featuring an adjustable stem, **every Bambach purchased includes a FREE stem upgrade!** We will contact you after an agreed period, to arrange a visit, assess the child's current needs and if necessary, fit the FREE upgrade. This ensures that as the child grows and develops, they will continue to enjoy the benefits provided by the Bambach.

## Height of seat

To ensure the perfect fit – the seat stem is available in a range of sizes.

Order code	Stem type	Seat height	Guide age	Seat weight
AFSS1	Adjustable Solid Stem	36cm to 44cm	2 <sup>1</sup> / <sub>2</sub> to 5 years	9.6 Kilos
FGL1	Ex-Small Fixed Gas Lift	41 to 47 cm	5 to 6yrs	8.7 kilos
FGL2	Small Fixed Gas Lift	49 to 61 cm	6 to 12 yrs	9.2 kilos
FGL3	Med Fixed Gas Lift	57 to 77 cm	12 to Adult	9.6 Kilos
FGL4	Large Fixed Gas Lift	63 to 89 cm	Tall Adult	9.8 Kilos

**FREE  
UPGRADE**  
as child  
grows



AFSS



FGL1



FGL2



FGL3



FGL4

# A few more extras



## Seat finish

- Easy clean vinyl fire tested to BS5852
- Natural wool sheepskin cover  
Order Code COV 1  
Fits over the standard seat to give a warmer feel.

## 10 colours

Bambach seats are supplied in black as standard, except for the Bambino which comes with a black top and gold front and rear. Colours are available at an extra cost.

- Fit in with school or home environment
- Child feels less conspicuous

<b>Standard</b> Black	Orchard
White	Almond
Sunshine	Coral
Stone	Silver Pearl
Baltic	Blue Heron

## Chest Harness

Designed to offer a high level of comfort giving postural support with a limited amount of movement.

- Multi adjustable level of positioning
- Neoprene pads are easily removed for washing
- Designed to be used with the Bambach lap belt
- Available in 3 sizes  
Small: Order Code H009  
Medium: Order Code H010  
Large: Order Code H011



# A few more extras

Call 0800 581108 and ask for your **FREE** assessment and **FREE** 14 day trial to see how effective this amazing seat can be.



## Locking Mechanism

Order Code : LM

- Locks all castors so that the seat can't move
- Allows increased independence
- Can be fitted to any gas lift stem
- Handle can be adjusted or removed if necessary

### Areas of use

- Ideal for the older child requiring independence
- Suitable for the home environment



**FREE  
ONSITE  
DEMO**

## Lap Belt

Order Code : FL

- Provides extra stability and safety
- Acts as a pelvic prompt

### Areas of use

- Motor impairments
- Abnormal muscle tone
- Decreased postural stability
- Decreased spatial/visual awareness



**FREE  
ONSITE  
DEMO**

## Height Locking Bracket

Order Code : HL

The Height Locking Bracket ensures that once set up for optimum use, seat height cannot be altered by a child with a tendency to 'fiddle'. Seat height is still easily adjusted by an adult.

- Prevents the child from adjusting the height of the seat
- Ensures the postural benefits of the seat

### Areas of use

- Behavioral/ learning difficulties

*It is recommended that the Height Locking Bracket and the Removable Tilt Handle are used together.*



## Removable Tilt Handle

Order Code : RT

Similar to the height locking bracket, the Removable Tilt Handle ensures that once the seat is set-up, the handle can be removed and the degree of tilt on the seat is fixed.

- Prevents the child from adjusting the tilt of the seat once it is set
- Ensures the postural benefits of the seat

### Areas of use

- Behavioral/ learning difficulties



# The Bambach Saddle Seat™

## Change a seat Change a life

**Call Freephone 0800 581 108  
and ask for a free assessment  
and free 14 day trial to see how  
effective this seat can be.  
Email [info@bambach.co.uk](mailto:info@bambach.co.uk)  
or visit [www.bambach.co.uk](http://www.bambach.co.uk)**

The Bambach Saddle Seat (Europe) Ltd.  
6 Prospect Business Park  
Langston Road  
Loughton  
Essex  
IG10 3TQ



Endorsed by  
the Australian  
Physiotherapy  
Association to  
help prevent  
musculoskeletal  
disorders

Bambach have pledged to donate £5  
for every Bambach Saddle Seat sold  
into the UK special needs market  
and have signed up to join RDA at  
the RDA National Championships  
where you will be able to try out the  
Bambach Saddle Seat.



Registered Charity number 244108

