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Best Technology for Senior Care and Rehabilitation - Northern Europe

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moto tiles
bring happiness to life





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Designed to break up the monotony of traditional physical rehabilitation, Moto Tiles allow elderly citizens the chance to participate in exercise that is both fun and exciting. Innovating in this way has had a major impact on those who need it most, which is why we're taking a closer look at this award-winning company to find out more about what it is that they do best.

 The result of two decades of research into play and playful technology, Moto Tiles is set to revolutionise the way in which we exercise. Designed specifically for elderly citizens, this new technology combines straightforward operation with a practical endgame that makes physical rehabilitation something to enjoy as opposed to endure.

The main benefit of Moto Tiles comes from its invigorating new method of encouraging people to take part in a training program. Instead of the usual monotonous systems, this is a form of exercise that is fun and exciting, creating a social environment for seniors to have fun and enjoy themselves by playing on the tiles. Thanks to the immense amount of research undertaken during the development of this product, customers can be assured of the positive effect on physical and cognitive ability that playing on these devices can have.

After a relatively short time playing on the Moto Tiles, seniors are able to move more freely, with many capable of throwing away their walkers and canes, encouraged to perform more everyday activities independently. This rapid effect is extraordinary, with the average balancing test score increasing by 150% after a mere five hours of play on the Moto Tiles. Not just limited to use by senior citizens, therapists have found a use for the tiles when it comes to the rehabilitation of dementia patients, cardiac patients, sclerosis patients, osteopenia patients, patients with wasted lower limb muscles, children with cerebral palsy, ADHD, sports injured, citizens with post-traumatic stress disorder, to name but a few.

Like the best games, the appeal of Moto Tiles can be found in its potential to be used in a variety of ways and the sheer simplicity of its use. Some of this research was done in collaboration with the LEGO company, giving a high level of credence to the work

undertaken. Using the latest in technological development, Moto Tiles exploit the latest in robotics and modern AI to create playware in the form of intelligent hardware and software that can create play and playful experiences for users of all ages. This playware technology acts as a play force to inspire and motivate the use of play dynamics. Instead of being concerned with the here and now, players focus on being creative, while also increasing skills such as the cognitive, the physical and the social.

The use of Moto Tiles ABC concept allows for anyone to develop a life changing decision that best reflects them. A means that anybody, anywhere and at any time can go through life through B, the building of bodies and people to allow people to explore C, which is construction, combination and creation. Finding an active, grownup alternative to LEGO blocks that would benefit elderly people was the eventual aim, bringing happiness as they went.







Moto Tiles brings with it a number of major advantages over other systems, with the positive results strongly supported on a scientific level. It has been proven that play on the tiles bring physical and cognitive benefits even after a relatively short time. Many other products don't bring such rigorous evidence as a result of scientific clinical trials.

Easily set up and used by anybody, anywhere, the Moto Tiles can be set up within a minute. Not occupying much space, there is no need to have a large space for setup, installations and infrastructure. Moto Tiles are entirely self-contained and all the better for it. What is most appealing about this setup is the fact that players genuinely find it fun. This is due in part to the sheer variety of options available, with fifteen games in the basic package and over thirty-five in total. The nature of tiles means that trainers and carers are able to construct their own fields with the tiles according to their needs. Whether it's a

shape change, varying from rectangle to square, or moving the tiles so they stand further apart or are blocked by objects like a cone, the possibilities are virtually endless. The same product is able to be used for tens of hundreds of different rehab activities, with almost all intervention groups. This one piece of equipment is a real swiss army knife, able to train most of a therapists' clients into recovery.

The health industry as a whole has struggled with the complexities present by aging related diseases, most of which require tests that a medical professional must undertake in order to diagnose. The team at Moto Tiles has stepped in with its own solution in the form of the Moto Body & Brain test. Able to measure a person's physical and cognitive ability in a relaxing environment within two minutes, comparison is made using a Big Data approach to analyze performance on body and brain abilities.

This unique test can be performed by anyone, automatically generating a personalised training protocol that takes advantage of Moto Tiles. In this way, the two can be integrated into a one-stop solution for anyone. An example of the potential positive impact can be found in the screening of the senior population for falls risk. Through the simple two-minute test, the system is able to identify the potential risk and design an appropriate training tutorial. According to recent studies of patients with mild dementia, within a few weeks, most users of the system will have the high risk reduced considerably.

As mentioned above, the combination of a scientific approach and engineering has led to products that have a significant clinical effect, shown specifically in clinical studies. The decision to ensure that care workers and therapists can trust in the impact that this equipment has is paramount to the firm. It means that no time is wasted on useless equipment that has no effect, a trend which plagues the industry.

The future of Moto Tiles is bright indeed, with the simple system drawing an international audience that ranges from Europe to Arabia to America. With no clear cultural or age boundaries, it's not surprising that these playful pads have managed to engage across borders.

All over the world, Moto Tiles is encouraging the elderly to reject their walkers and canes after a period of short-term play. With a clear and apparent impact, it's no surprise that this business has gained international attention. This success is a credit to the impressive amount of research that has gone into creating this innovative new product. It makes the process of physical rehabilitation into child's play.

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