

A person's legs are shown from the knees down, wearing blue jeans and white sneakers with a colorful floral pattern. They are standing on a blue floor mat composed of several interlocking square tiles. Each tile features a glowing circular pattern in the center, with colors ranging from orange to white. The background is a plain, light-colored surface.

m:::to

*bring
happiness
to life*



“

*After Moto tiles play,
I am not using my
rollator anymore”*

Elderly user

“

*I enjoy life much
more now”*

Elderly user

moto

bring happiness to life

Happiness

The Moto tiles bring happiness to people as a playful care technology from Denmark, the World's happiest nation according to World Happiness Report. Happiness brings high life quality.

Danish Design

The Danish Design of Moto tiles focus on an aesthetical, minimal and functional design where small is smart.

Effect

Fast and high effects proven with scientific effect studies in PubMed journals. The Moto tiles system provides automatic documentation of effect.

Anybody, Anywhere, Anytime

The Moto tiles system is very easy to use for anybody (any age, any culture, any education). Everybody understand how to operate and use the system, and Moto can be transported and set up anywhere within a minute.

Play

Play is for everyone. Play is a free and voluntary activity that we do for life-fulfilling enjoyment. When in play, we forget about time and place, and we can often do more than we would normally do. Thereby, play with the right playware tool can have key significant health effects.

Play creates happiness, and the fun spirit mediates social interaction. With Moto tiles bringing fun, happiness, and life-quality to elderly, it is no wonder that, year after year, Denmark is nominated the World's Happiest Nation (World Happiness Report).

Implementation

Moto tiles are implemented widely with more than 50 sets used daily in Denmark.

Currently in daily use in

- day care centers
- senior activity centers
- nursing homes
- rehab centers
- fitness centers
- physiotherapy units
- hospitals

Easy use

You set up the Moto tiles and are ready to play in less than a minute. Simply:

1. turn on the tiles
2. put the tiles together
3. turn on the tablet
4. select a game
5. play

Can be transported easily and set up anywhere in gym, living room, corridor, hospital room, between walking bar, etc. in less than a minute by anybody.

Protocol

A typical 10 minutes play session looks like this:

ColorRace 2min – Pause 4min –
ColorRace 2min – Pause 4min –
Final Countdown 2min – Pause 4min –
Reach 2min – Pause 4min – Reach 2min.

The games, levels, and intensity are easily adjusted with one click to fit the individual.

“

I have so much fun in our training group”

Elderly user

“

Now, I am able to do more by myself

Elderly user

“

It is fun, and so limitations are forgotten, and the elderly can suddenly do much more than they thought possible”

Carer, day center



Automatic documentation of effect

When you are playing, the tablet automatically registers the score for each user. You can see the progress of each user on the tablet. A graph will show you the progress in a very easy manner.

You can sit anywhere and see the progress. Log onto a remote server to monitor the progress of the users, print progress reports, and automatically have documentation of the use and progress on the Moto tiles system.

Effect

The Moto tiles system is a welfare technology with proven effect.

The effects are amazing. Scientific effect studies published in PubMed journal show

- 66% improvement in balancing after 2-3 hours play on Moto tiles
- balancing, mobility, agility, strength, endurance tests all showed statistical significant improvement

Tests in different municipalities have shown

- 80% improvement on balancing test of frail elderly after merely 1 hour Moto tiles play

- 100% improvement on leg strength test of elderly after 2 hours Moto tiles play
- Elderly participants grow 1-2cm taller
- Elderly don't use their rolling walkers anymore after Moto tiles play

These effects are of very high importance for the daily life and quality of life for the elderly.

Economy

Save 2,000 euro per elderly:

- health economy shows savings of more than 2,000 euro for each elderly who plays on the Moto tiles

Price is similar to a treadmill. With Moto tiles you can perform hundreds of different kinds of interventions.

Very low running cost: one 3 hours recharge weekly.

“

I feel more secure e.g. when out for a walk”

Elderly user

Product

A Moto tiles set contains 10 Moto tiles, 1 Moto charging station, 1 adaptor, 1 MOTO app with games, 1 manual, packaging. Also, a tablet with the MOTO app installed is delivered together with the Moto tiles set. Everything is ready to be used within one minute after unpackaging.

Moto Tiles:

Each Moto tile can sense pressure, and has 8 lights that can shine up in all colors of the rainbow. The tiles are designed like LEGO bricks, which you can put together in different shapes, e.g. in a straight line, in a square, in a horseshoe, etc. You can even put the Moto tiles away from each other to enforce longer runs. By changing the size and shape, you simply can change the difficulty level of the games.

Rechargeable Battery:

Each tile contains its own rechargeable battery, which can last up to 20 hours use. It takes only 2-3 hours to recharge in the charging station.

Charging station:

The charging station is designed for easy recharge of the tiles. You simply put the tiles into the charging station, like putting plates into the dishwasher. You can also use the charging station for easy transportation of your Moto tiles set.

MOTO App:

The MOTO app comes pre-installed on the tablet, so all you need to do is to click on it, select a game, and press play. Then you are already playing on the Moto tiles. The MOTO app contains a lot of different games. You can choose games, difficulty level, time, and number of users in the app. Also, the MOTO app registers score and time for the players, and provide you with automatic documentation of effect.

Games:

There are many different games for the Moto tiles in the MOTO app. The games are fun and motivate your users to play. There are games, which challenge physical abilities, games which challenge balancing, brain training games, memory games, speed games, sound games, etc. You can easily set the difficulty level of games to match your users.

Server:

Score and time use can be uploaded to a remote server, so you can monitor progress from any computer or smart phone by secure log-in on to the server website. From the server, you can print progress reports for the individual users and for the individual center. It provides you with an automatic documentation of effect.

Certifications:

The Moto tiles system is fully certified with CE, FCC, ASTM. Moto tiles is a registered trademark. Moto tiles are design protected and patented.

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Happiness and self-confidence is increased”

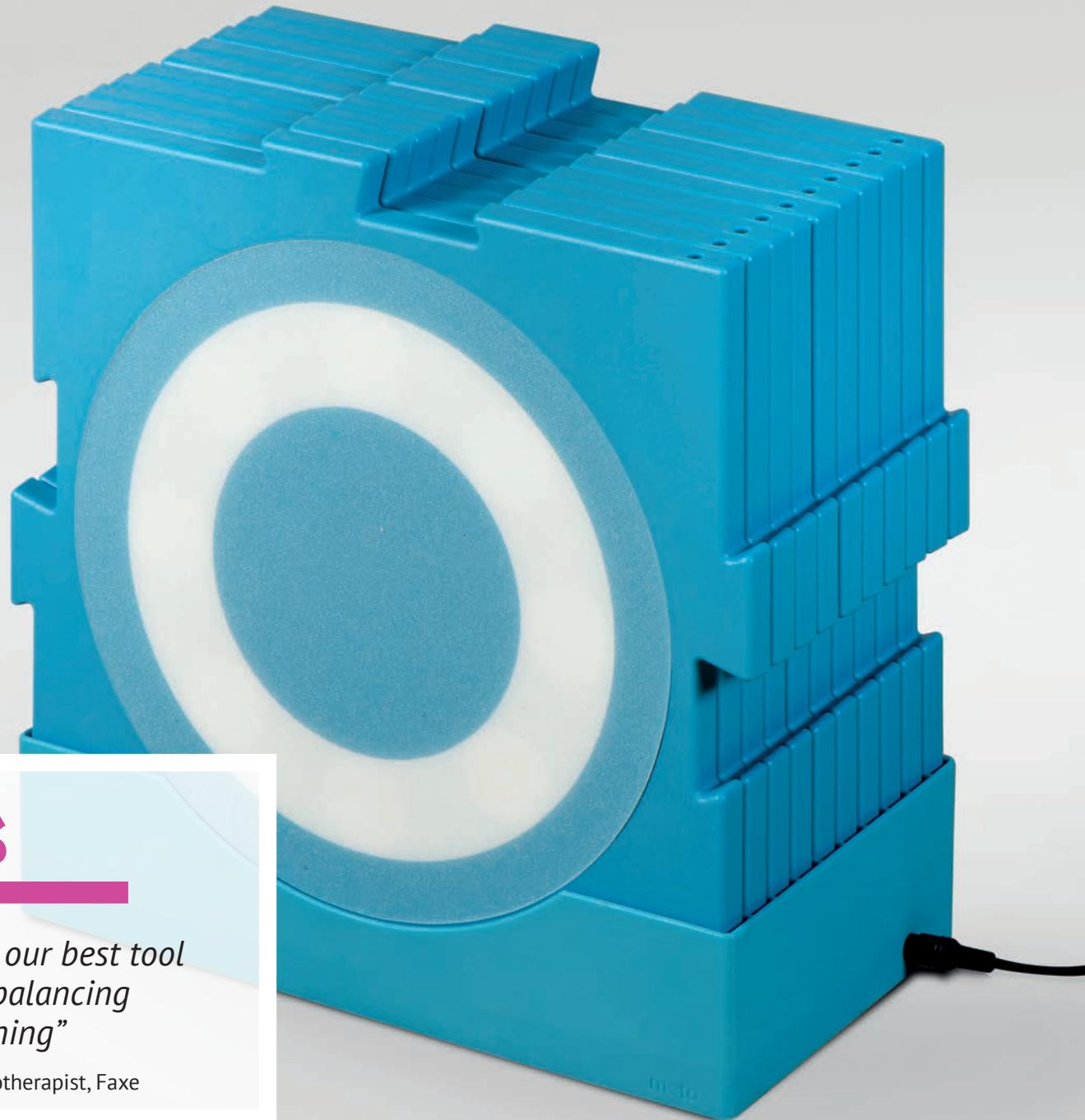
Carer, day center

“

They clap and give each other high fives”

Director of prevention, Gentofte





“

It is our best tool for balancing training”

Physiotherapist, Faxø

“

The dementia patients smile and say that it is fun as soon as they see the Moto tiles light up”

Carer, Furesø

Use areas

- Falls prevention
- Elderly functional abilities
- Balancing
- Strength
- Agility
- Fitness
- Cognitive Function
- Dementia
- Parkinson's
- Memory
- Reaction Time
- Stroke
- Cardiac
- Cerebral palsy
- Obesity
- Anti-stress
- Team building

Danish Design

Designed with Henning Larsen Architects. Sound design by D4zed (known from HBO series sound design). Technology by World-renowned researchers on playware, modular robots and user-friendly interactive systems from Technical University of Denmark with decades of collaboration with LEGO.

- Aesthetical, minimal and functional
- small is smart
- simplicity is the ultimate sophistication





m:to

bring happiness to life

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