



The art of waiting

ScreenPlay is an inclusive, touch-free interactive media display designed for healthcare waiting spaces. ScreenPlay enables people of all abilities and ages to create beautiful animations together on a large screen by moving around on the floor in front of it. ScreenPlay rewards presence on and slow movement across the play floor, maximizing physical accessibility and reducing hyperactivity in clinic waiting spaces. ScreenPlay is multisensory with interactive music and sounds that augment the creative experience and enhance accessibility for those with visual challenges.

ScreenPlay was designed and tested by researchers and clinicians at Canada's largest children's rehabilitation hospital, Holland Bloorview Kids Rehabilitation Hospital in Toronto. It is low maintenance, durable, scalable, evidence-based, and fun.

The benefits

- Touch-free play experience reduces risk of infection spread and eliminates maintenance of traditional waiting room toys.
- Accessible, inclusive design enables multiple people of all ages and abilities to play simultaneously.
- Evidence-based solution has shown to reduce children's waiting anxiety and increase parent and clinic staff satisfaction in a randomized controlled trial with over 300 children and their parents.



The experience

See animations come to life as you sit, stand, walk, or wheel on the play floor.

Hear the unique music and soundscape composed by your presence on and movement across the floor.

Play, explore, and experience the delight of multisensory creation solo or as a group.

The technology

ScreenPlay is scalable to meet your space and budget needs. It can be as easy as setting up a video game console.

An interactive soundscape package created by internationally renowned composer, Dierdre Gribbin, augments the sensory experience.

The visuals

ScreenPlay offers 14 different animations that everyone can enjoy, including animations from Toronto's Cuppa Coffee studios.

For more information about Screenplay or about ongoing research projects, please contact scientist Elaine Biddiss at ebiddiss@hollandbloorview.ca