## **SESSION: Healthcare Design**







DIPARTIMENTO DI ARCHITETTURA.

13TH WORLD CONGRESS & EXHIBITION

REVITALIZING HEALTH BY SALUTOGENIC DESIGN

**Healthy environment | Healthy people** 

## **Embreathment, Embodiment, Environmental Enrichment In Improved Oncology Outcomes**

in Israel's Newest Cancer Centre Title of the presentation

Tye Farrow

**Farrow Partners** 













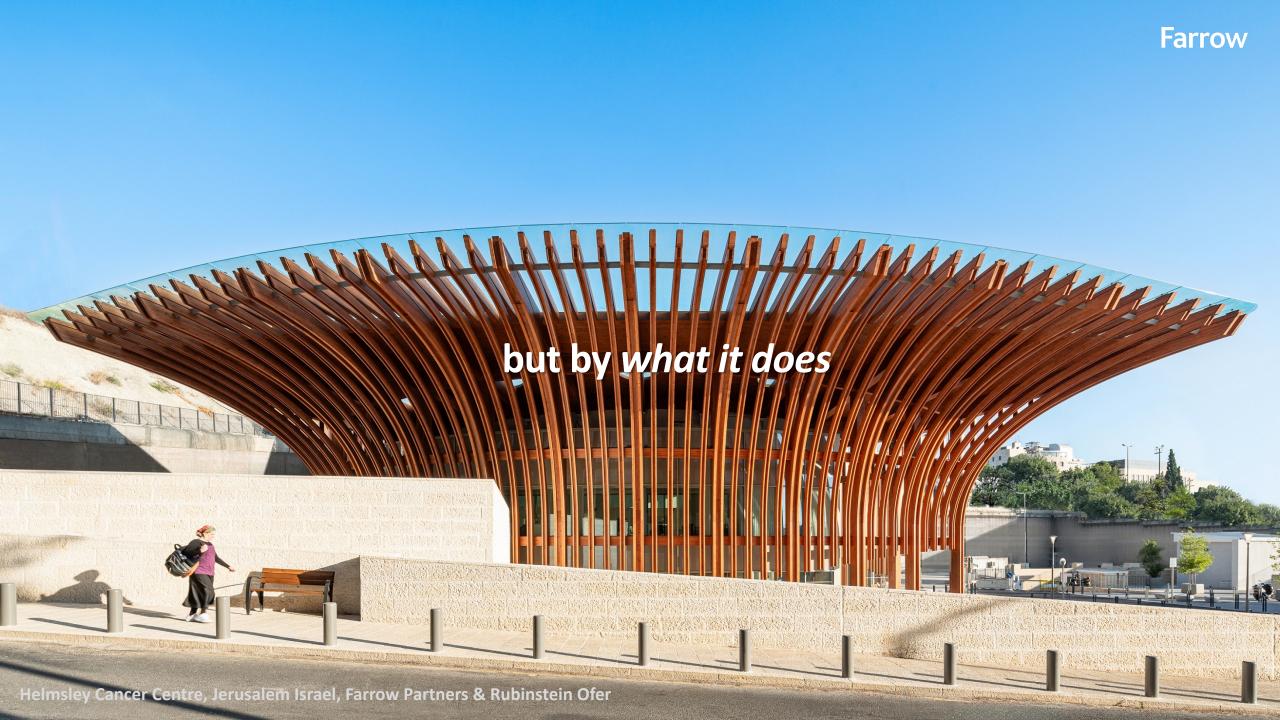
**Farrow Partners** Tye Farrow 13TH World Congress of the International Academy Design and Health April 12, 2024 Milano, Italy Politecnico di Milano Embreathment, Embodiment, **Environmental Enrichmen** In Improved Oncology Outcomes in











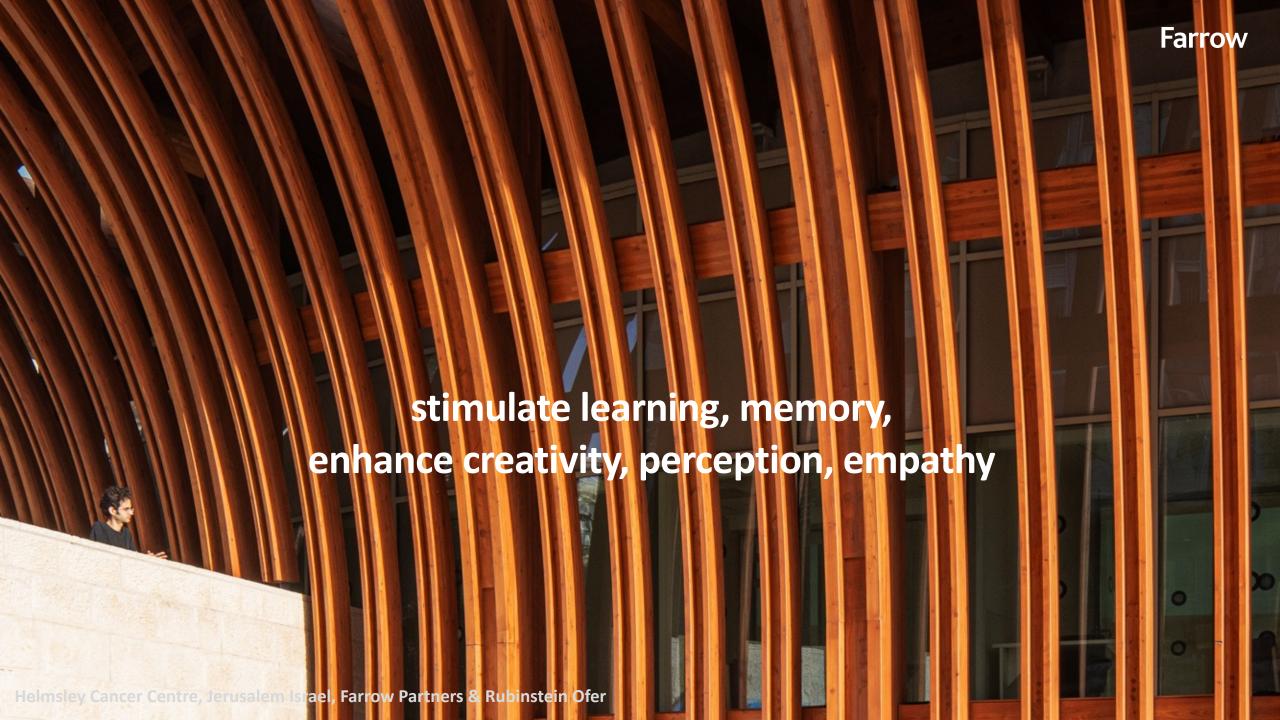


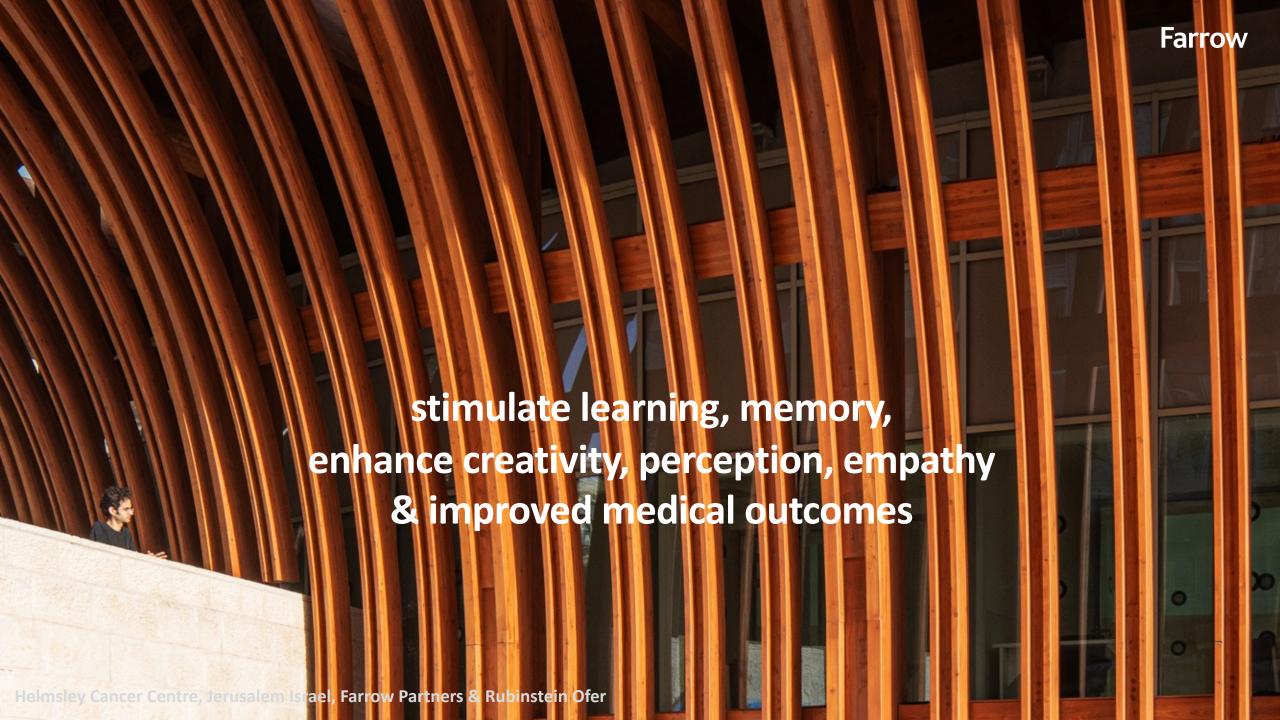
















**Farrow** 



Farrow





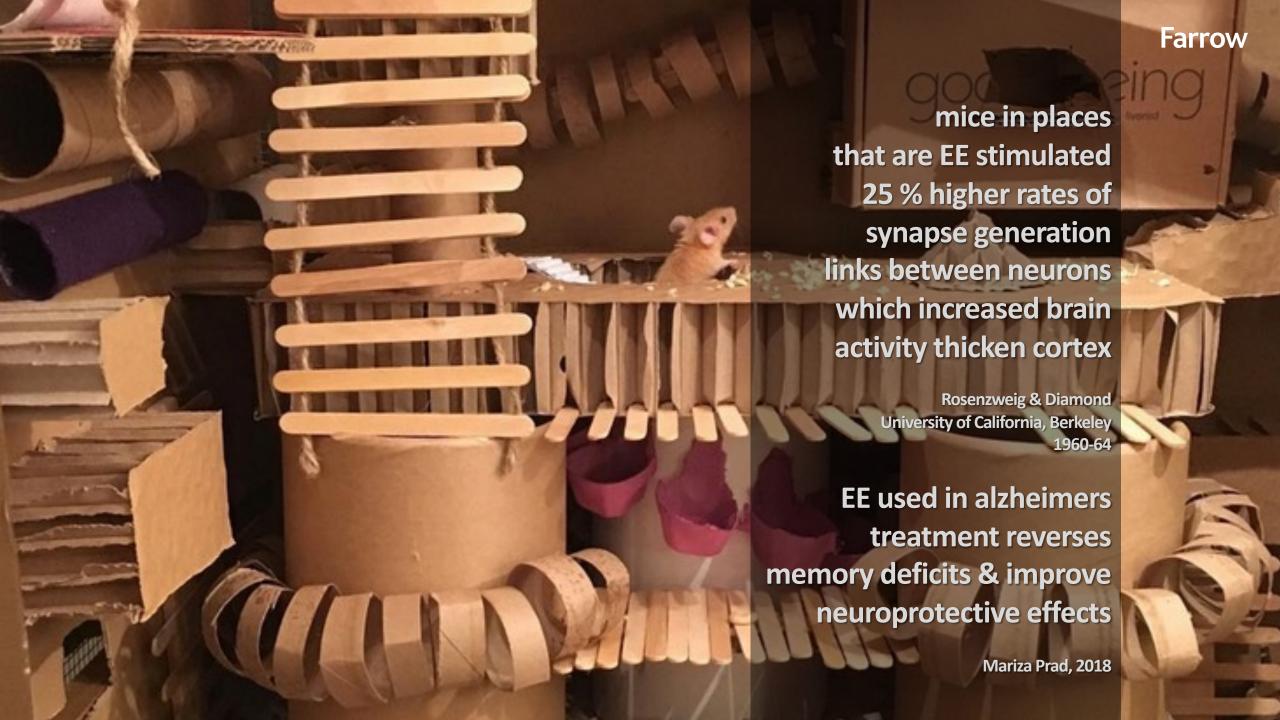




## **Farrow**

## environmental enrichment







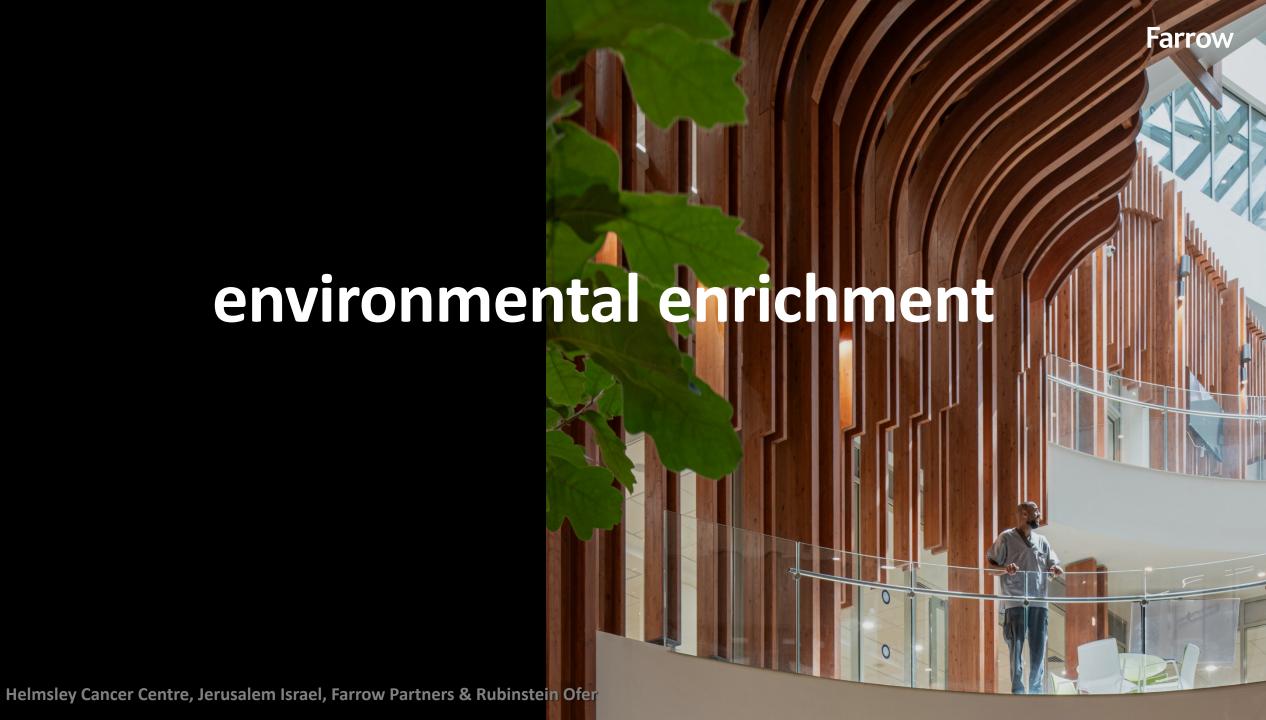
Robert King part of 'Angola Three'

spent 29 years
solitary confinement
23 hours a day
windowless prison cell
virtually no human contact

memory, spatial orientation & emotion regulation lost ability to navigate, unable to recognize faces

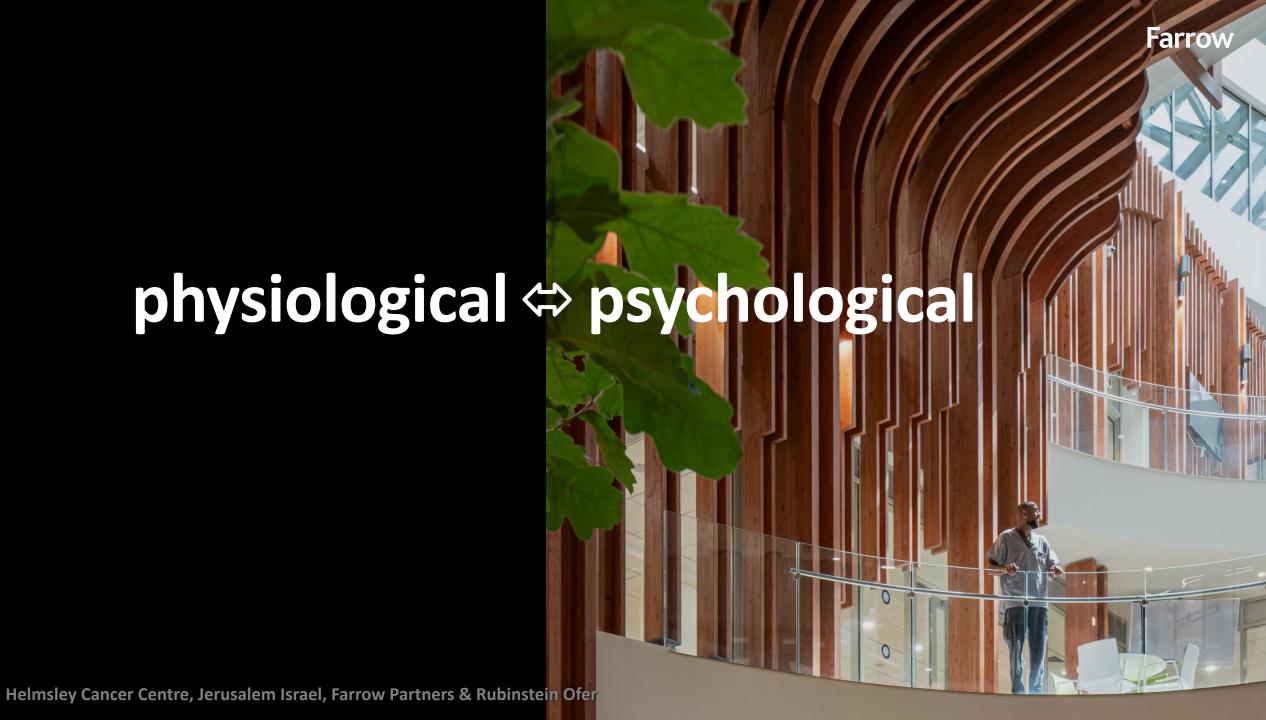
areas of his brain not being used whither







Helmsley Cancer Centre, Jerusalem Israel, Farrow Partners & Rubinstein Ofer



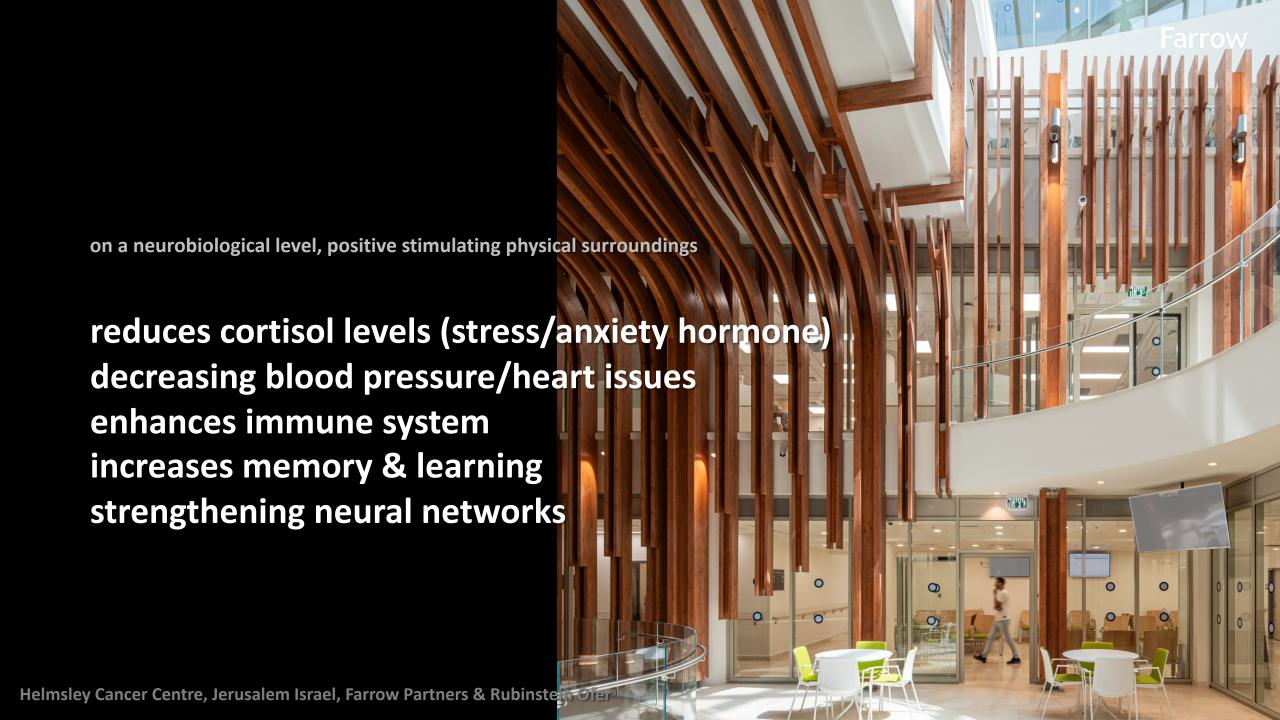
neuroscience & architecture

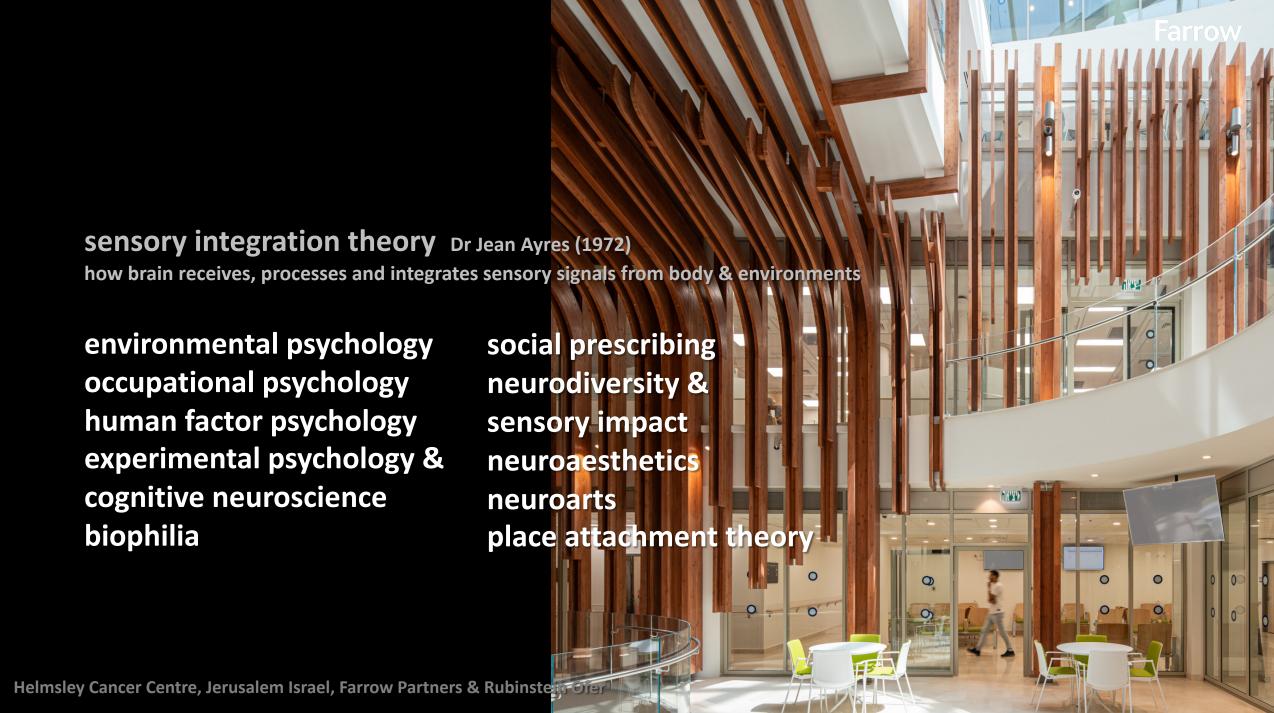
neuroscience & architecture

how environments enhance neurogenesis process of forming neurons occurs throughout our lives allows us to learn & adapt



Helmsley Cancer Centre, Jerusalem Israel, Farrow Partners & Rubinster Company







on a neurobiological level, environmental enrichment seen as a:

non-invasive therapeutic treatment





# embodiment

embodiment:

neurophenomenology study of how experience, the mind, and consciousness are related through the embodied mind where the mind extends throughout the body to the surrounding environment

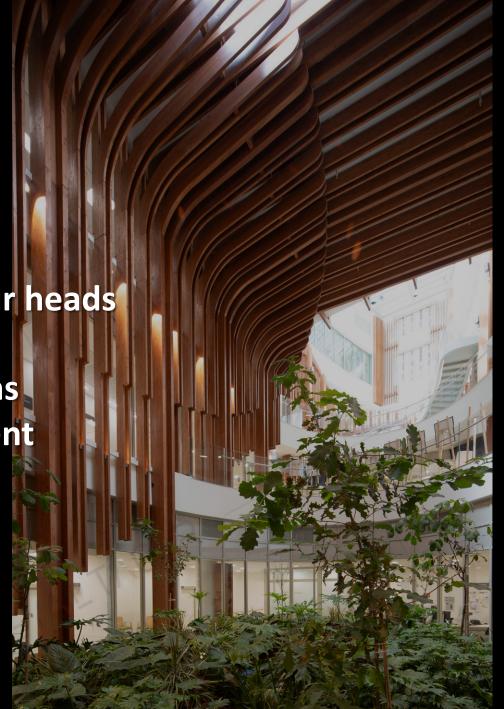
Helmsley Cancer Centre, Jerusalem Israel, Farrow Partners & Rubinstein Ofer

#### embodiment:

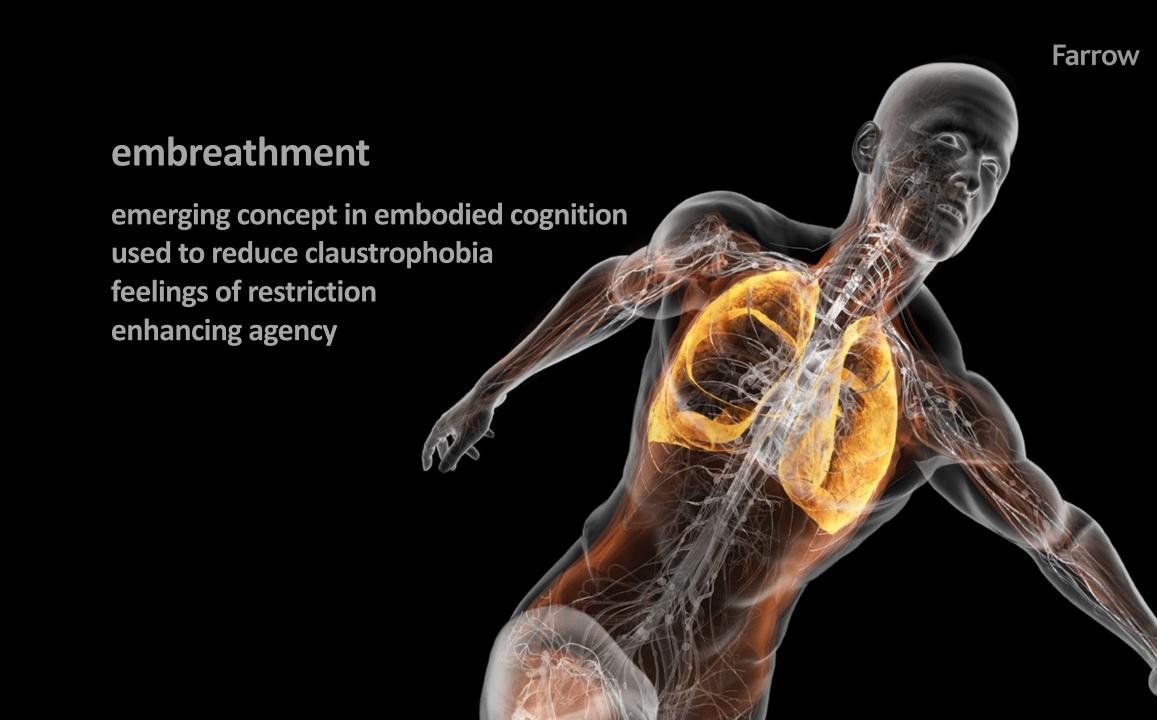
Andy Clark and David Chalmers
"The Extended Mind" thesis
proposed "an active externalism"
based on the dynamic role of the environment
in driving cognitive processes and perceptions

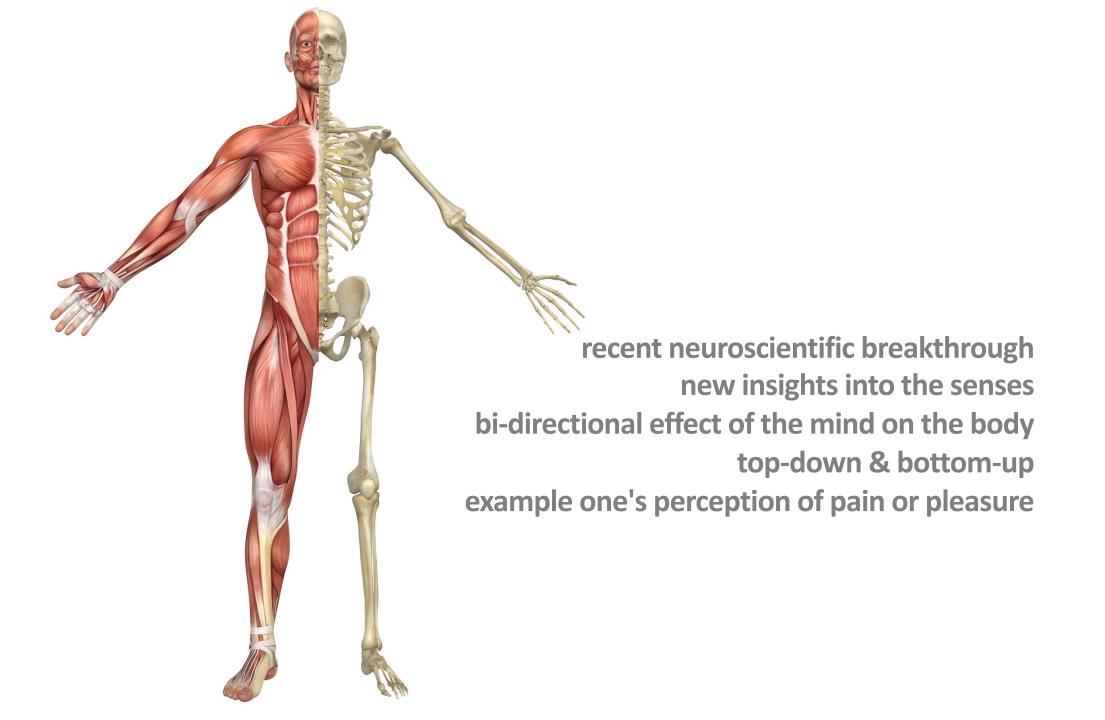
embodiment:

we don't just think / experence in our heads we do it through our bodies by internalizing our social interactions and the surrounding built environment



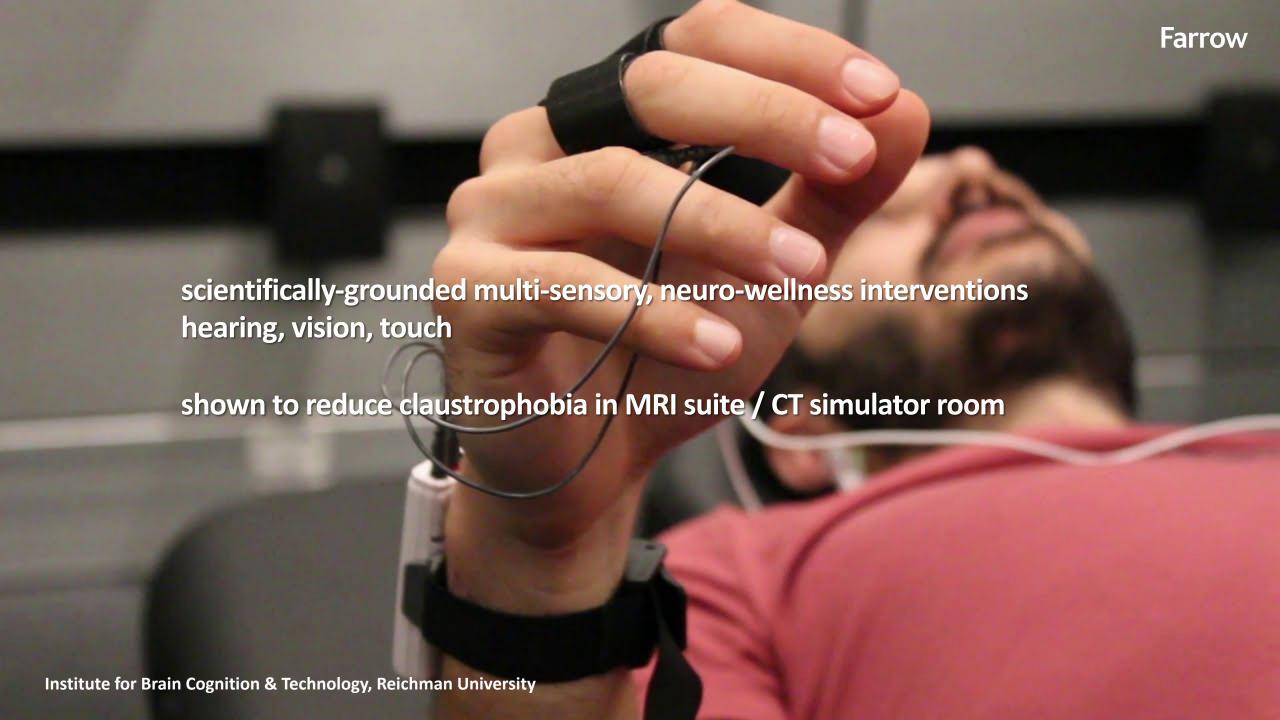
# embreathment











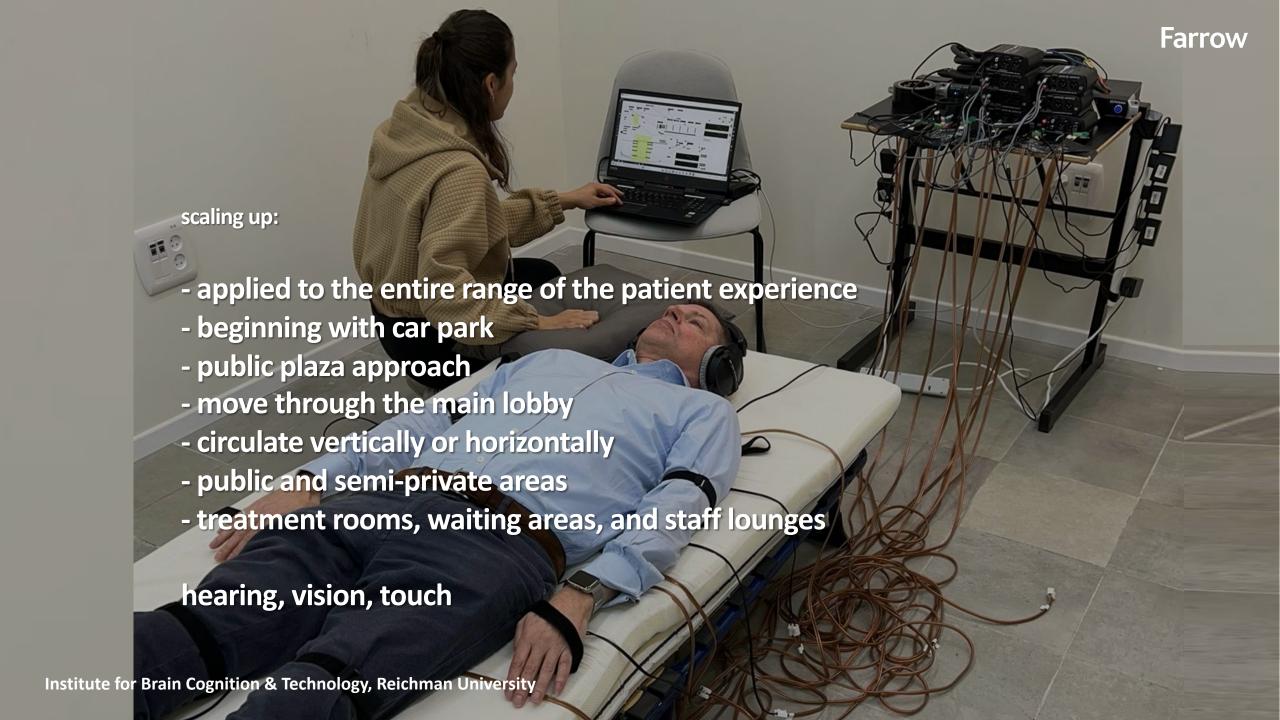


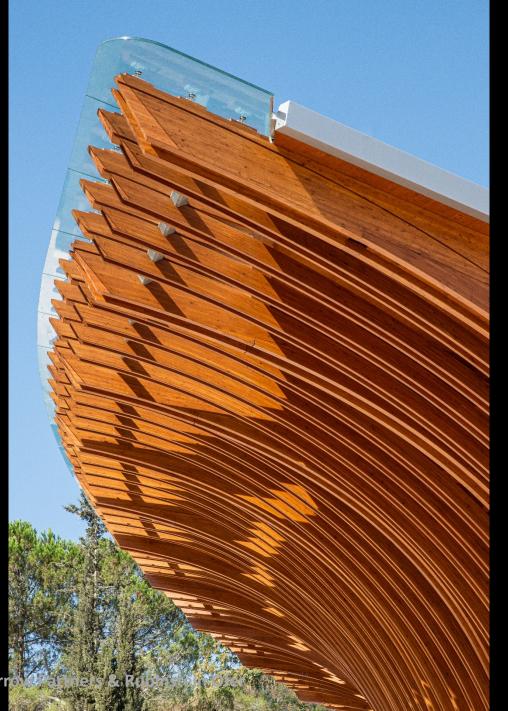






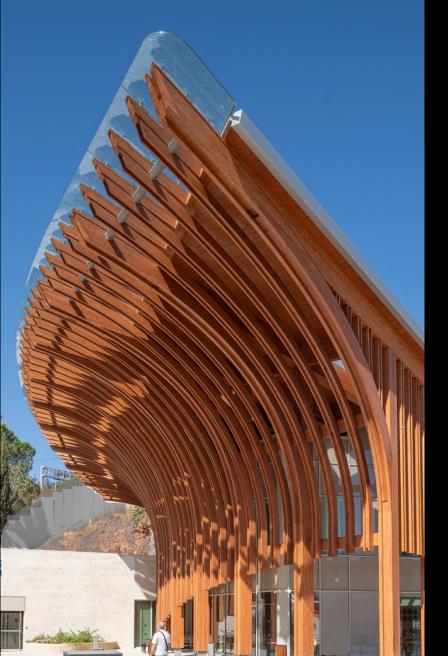


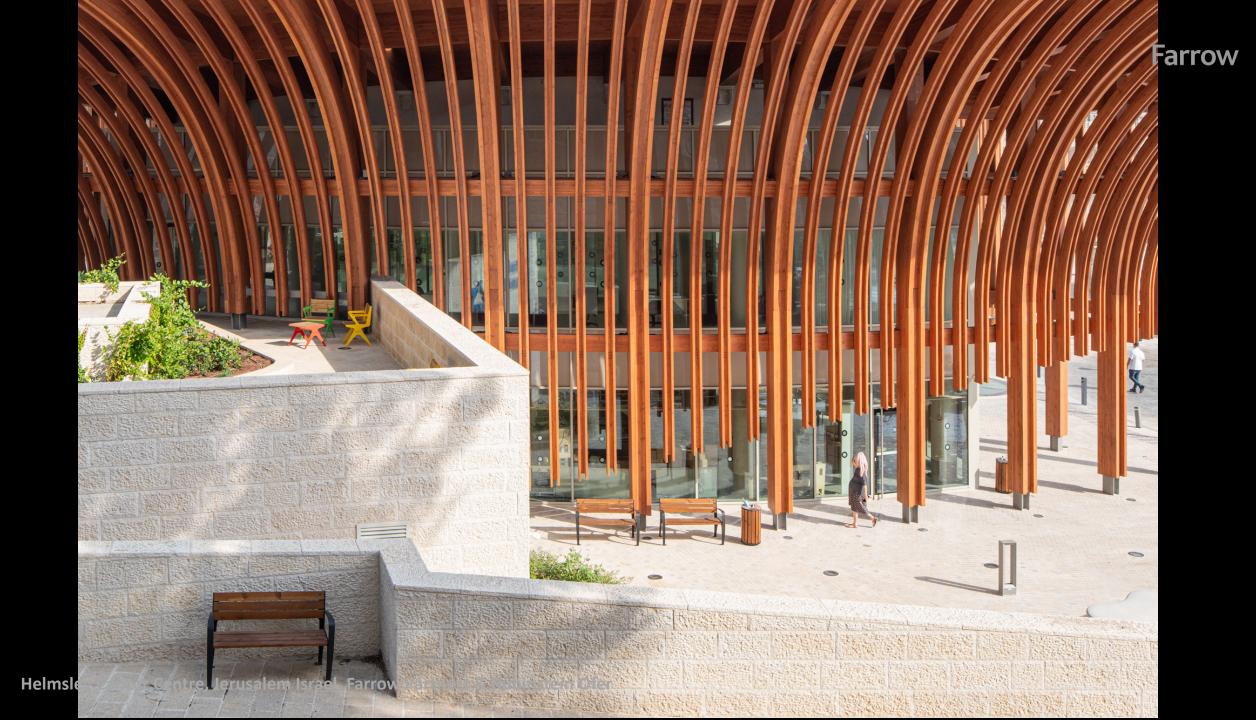




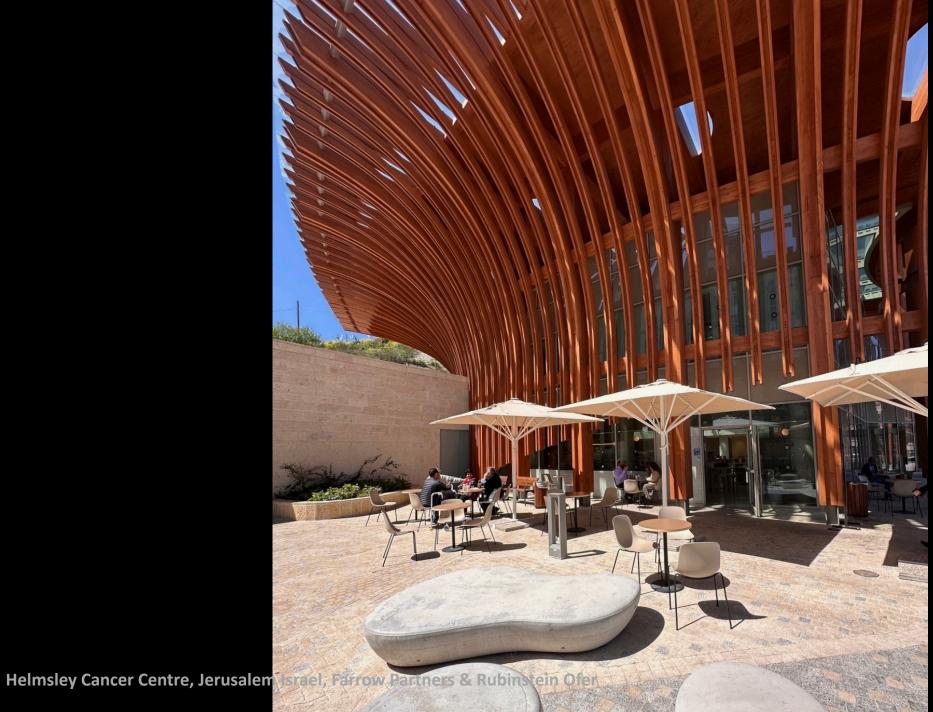
environmental enrichment embodiment embreathment

Helmsley Cancer Centre, Jerusalem Israel, Farr

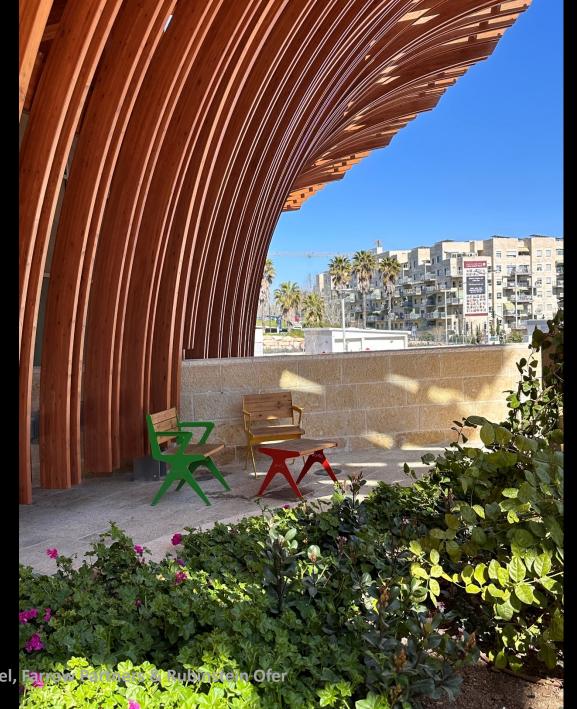












Helmsley Cancer Centre, Jerusalem Israel,



























Helmsley Cancer Centre, Jerusalem Israel, Farrow Partners & Rubinstein Ofer





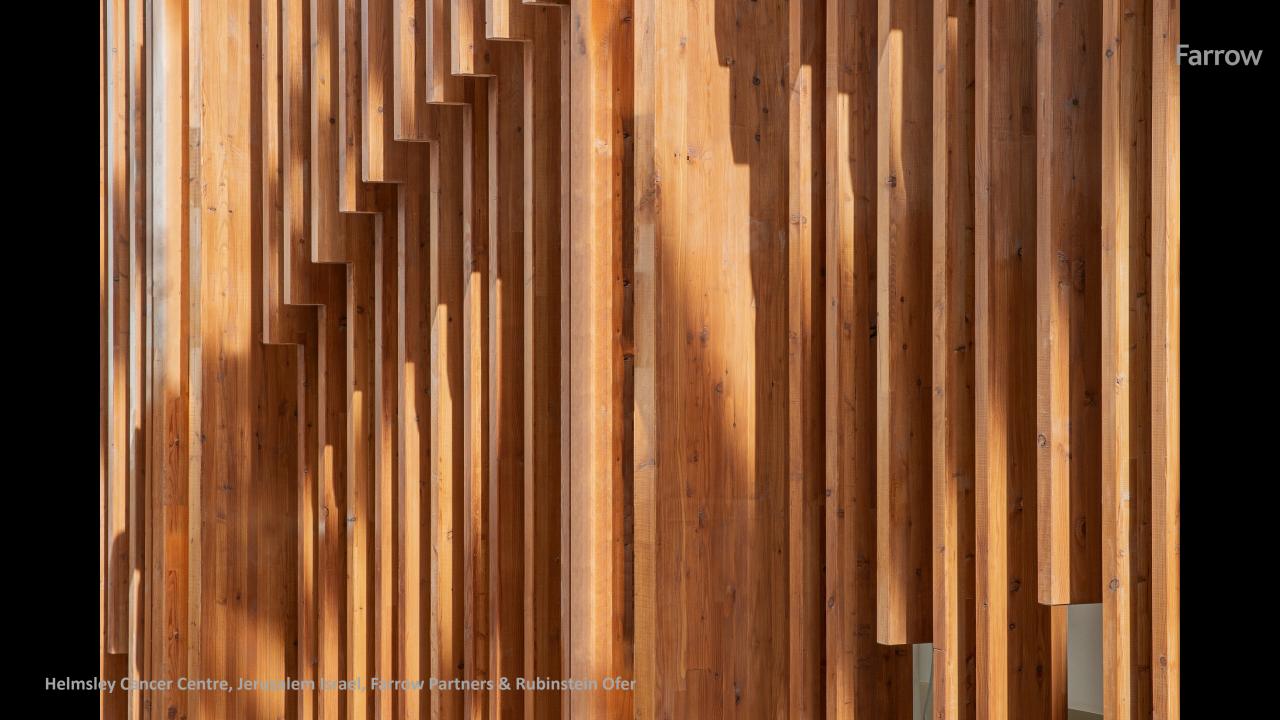








Helmsley Cancer Centre, Jerusalem Israel,





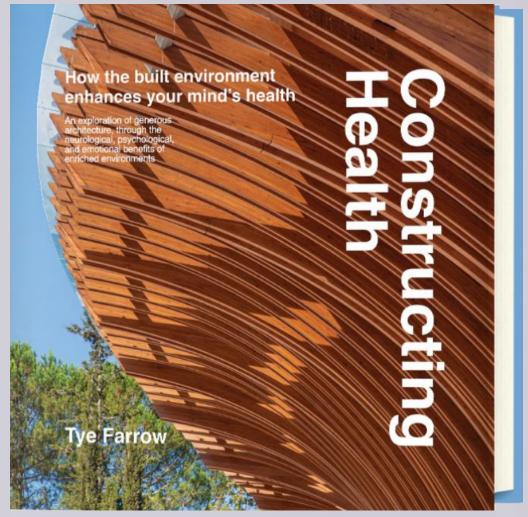
















80,000 words
300 pages
420 photographs, illustrations & diagrams
11 inches square large format