

Eye-Gaze Assistive Technology for Students with Severe Motor and Communication Difficulties — Chang Gung University's Taiwan Feasibility Studies

AI in Education · Good practice · Taiwan

Quality score: 73/100

Evidence strength: Observational / pre–post

Summary

Chang Gung University ran Taiwan's first feasibility and efficacy studies of eye-gaze assistive technology for children with severe motor and communication difficulties, finding real gains in computer participation but flagging Taiwan's early implementation stage.

Key dimensions

Dimension	Score
Evidence of learning impact	2/3
Equity & inclusion	3/3
Transparency, ethics & data protection	3/3
Teacher capability & pedagogy	2/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-18

[Chang Gung University / Chang Gung Memorial Hospital, with Jönköping University and Stockholm University](#) — accessed 2026-07-18

[PubMed: Feasibility of eye-gaze technology intervention in Taiwan \(2023\)](#) — accessed 2026-07-18

[Jönköping University CHILD-PMH study summary](#) — accessed 2026-07-18

[PubMed: Increasing participation in computer activities using eye-gaze technology \(2022\)](#) — accessed 2026-07-18

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