

NAO Robot RCT — Boosting Social Communication for Autistic Children in Hong Kong

AI in Education · Good practice · Hong Kong

Quality score: 60/100

Evidence strength: Randomised controlled trial

Summary

An EdUHK three-arm RCT found a NAO robot delivering 12 weekly social-skills sessions produced significantly greater communication and social-interaction gains for autistic children (n=60) than human-led or no intervention.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-14

[The Education University of Hong Kong](#) — accessed 2026-08-14

[Journal of Autism and Developmental Disorders \(Springer\)](#) — accessed 2026-08-14

[PsyPost coverage](#) — accessed 2026-08-14

[ClinicalTrials.gov registration NCT04879303](#) — accessed 2026-08-14

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