QTrobot — LuxAI's University of Luxembourg Spin-Off Social Robot for Autistic Children, with Small Exploratory Studies and a Pending 69-Family Trial

AI in Education · Good practice · Luxembourg

Quality score: 40/100

Evidence strength: Moderate

Summary

Expressive humanoid robot from a University of Luxembourg spin-off that teaches emotional and social skills to autistic children. Small studies (15 and 12 boys) found more attention and fewer repetitive behaviours; a 69-family longitudinal trial is due to end in late 2026.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-11-13

LuxAI S.A. (University of Luxembourg spin-off) — accessed 2026-11-13

LuxAI summary of the University of Luxembourg emotion-training study — accessed 2026-11-13

IEEE Spectrum (2018): Robot therapy for autism — accessed 2026-11-13

Costa et al., RO-MAN 2018 (ORBilu repository) — accessed 2026-11-13

Luxembourg Institute of Health: 69-family QTrobot study (Dec 2025) — accessed 2026-11-13

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