Video modeling, when included with other components, is a promising instructional strategy for teaching academic skills to students with autism.

INTRO
• Although improving academic achievement outcomes of children with ASD is prioritized by schools and families, there is little research on intervention supports to facilitate such improvements.
• Video modeling (VM) has strong evidence in promoting positive outcomes for learners with ASD across ages and skill areas.

PURPOSE
To synthesize and evaluate research on VM interventions to teach academic skills to students with autism.

Research Questions:
1. What is the methodological quality of VM studies for teaching academic skills?
2. What other intervention components are used with VM?
3. How effective has VM been in teaching academic skills to students with autism?

METHOD
Literature search included an electronic database search, manual search of relevant reviews, and an ancestral search of included studies

Inclusion Criteria
• Single case design with visual analysis and RTB
• Identified ASD
• School-aged through 21 years old
• IV is video modeling
• DV is an academic skill
• Studies published peer-reviewed journals and dissertations

CONCLUSION
• 6 studies targeted math skills, 3 targeted reading, and 3 targeted writing
• It is hypothesized that VM may be more effective in teaching multistep skills, which are common in math
• 11 of 12 studies found positive effects for all participants with immediate level and/or trend changes and improved performance on the target skill
• Only 4 studies reported effect sizes, which ranged from minimal to large.
• 5 studies met quality indicator criteria for "rigorous research" (Jitendra et al., 2011)
• Only 2 studies used VM without additional intervention components. Therefore, a functional relationship between VM and the DV cannot be determined
• Additional Intervention components included:
  • Self-monitoring (i.e. checklists)
  • Positive/differential reinforcement
  • Performance feedback
  • Video and in vivo prompting
  • VM combined with EBI (i.e. Concrete-Representational-Abstract)