

# **ADHD modulates link between event processing and recall**

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**Abstract:** How might ADHD symptomatology influence adults' ability to process and recall the actions of others? University undergraduates observed a woman packing a suitcase by advancing through a self-paced slide show of still images extracted from a digital video, and were then asked to recall as many actions as possible. Results showed that lower self-reported retrospective ADHD symptomatology was associated with a) longer overall dwelling on images from the slideshow,  $r(91) = -.315$ ,  $p=.002$ , and b) recall of more actions  $r(85) = -.237$ ,  $p=.01$ . Further, exploratory analyses indicated that ADHD symptomatology modulated the specific linkage between dwell time patterns and stronger recall: Attention to fine-grain details within activity improved recall for those reporting higher ADHD symptomatology; those reporting lower ADHD symptomatology displayed stronger recall when prioritizing attention at a more coarse-grain level,  $F(1,83) = 4.19$ ,  $p=.04$ . These findings offer suggestive novel evidence that ADHD has implications for event processing.