

TABLE 1 | Memory systems and experimental paradigms in which reconsolidation has been examined in humans

<i>Type of memory</i>	<i>Experimental Paradigm</i>	<i>Manipulation</i>	<i>Dependent measure</i>	<i>Outcome</i>	<i>Reference</i>
Procedural motor skills	Sequential finger tapping motor skill task	Post-reactivation interference through learning of a new finger tapping sequence	Speed, accuracy	Reduced accuracy	Walker et al., 2003
Episodic	Learning list of items, Paired-associate learning, Remote memories	Post-reactivation ECT	Recognition Recall	No effect No effect	Squire et al., 1976
Episodic	Learning list of items	Post-reactivation interference through learning of a new list of items, Learning the new list in same or different context	Recall Recall	Memory of first list updated with words from new list, but not when learned in new context	Hupbach et al., 2007, 2009; Hupbach et al., 2008
Episodic	Paired-associate learning	Post-reactivation interference through learning of a new paired-associate list of syllables, Omitting components of the reactivated syllable, Explicit instruction to update	Cued recall Cued recall Cued recall	More errors in recall of first but not second list No effect Update of first list with items from second list	Forcato et al., 2007 Forcato et al., 2009 Forcato et al., 2010
Emotional/ Post-trauma	Script-driven reactivation of a traumatic memory in PTSD patients	Post-reactivation propranolol administration	Skin conductance response, Electromyograph, Heart rate	Reduced skin conductance and heart rate responses	Brunet et al., 2008
Emotional/ Associative learning	Fear conditioning	Propranolol administration before reactivation	Fear potentiated startle, Online shock-expectancy ratings, Skin conductance response	Fear potentiated startle back to non-fearful level but no change in expectancy or skin conductance response	Kindt et al., 2009 Soeter and Kindt, 2010
Emotional/ Associative learning	Fear conditioning	Post-reactivation interference through extinction training	Skin conductance response	Skin conductance back to non-fearful level	Schiller et al., 2010
Emotional/ Associative learning	Fear conditioning	Post-reactivation propranolol administration	Skin conductance response	Transient reduction of skin conductance only in females and also without reactivation	Miller et al., unpublished