

Supplemental Table 1. **Media Type, Content and Technology Applied to Reminiscence Therapy by Study**

Reference	Media type	Media Content	Technology specified
Astell, Ellis, Alm, Dye, & Gowans (2010)	Photographs	Group A: personal (from FM), Group B: Era and Region	Laptop
CIRCA (Alm, et al., 2003, 2005, 2007; Astell, Ellis, Bernardi, et al. 2010; Gowans et al. 2004)	Music, photographs, text, video	Era and region	Laptop, monitor, speakers (Astell, Ellis, Bernardi, et al., 2010)
Alm et al. (2004) ^a	Sound, photographs, video	NS	NS
Alm et al. (2004) ^b	Music, photographs, video	Era and region	Touchscreen
Azcurra (2012)	Music	NS	Recordings
Bass & Greger (1996)	Music	NS	Audiotape
MINWii (Benveniste et al., 2010; Boulay et al., 2011)	Music, images	Era (nursery rhymes)	Computer, TV screen, sensor bar, Wiimote, PC software

Caprani et al. (2005)	Music, photographs, text, video (movies)	Era, Personal	Proposed system: touchscreen laptop, USB, Audio connection, CD-RW drive, hard drive
Cohene et al. (2005)	Audio, images, photographs, video	Personal (from FMs and researchers)	Multimedia DVD, remote control
Crispi et al. (2002)	Audio	Generic	Cassette player and tapes, talking toy parrot
Gary (2012)	Audio, photographs, video	Personal	Touchscreen PC or tablet, brain sensing hardware, cloud server, phone
Green et al. (2012)	NS	Personal	NLP system
Glynn (1992)	Music	Generic and Era	Cassettes, stereophonic equipment

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“A Systematic Review of the Use of Technology for Reminiscence Therapy”

Networked Reminiscence Therapy (Hamada et al., 2009; Hattori et al., 2007; Kuwahara, Abe, et al., 2006; Kuwahara, Yasuda, et al., 2006; Kuwahara et al., 2010; Yasuda, Kuwahara, et al., 2009)	Photographs (as a photo video), audio (narration, background music), video (video call)	Personal	PC (videophone), monitor, USB cameras, microphones, speakers, internet
MemoryLane (Kikhia, Bengtsson, et al., 2010; Kikhia, Hallberg, et al., 2010)	Audio, photographs, text, video	Personal	GPS, camera, audio recorder, door sensor, mobile phone, desktop
Kuwahara, Abe, et al., 2006	Video (video call)	Era	PC, TV conferencing software, monitors, USB cameras, microphones, speakers, internet
Lee & Dey (2008)	Photographs	Personal	SenseCam, digital voice recorder, GPS location logger, software, Tablet PC
L.-J. Lin et al. (2011)*	Music, video (“movies”)	Era and Region	Records

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Moss et al. (2002)*	Music, video, photographs	Generic and Era	Cassette, slides
Namazi et al. (1994)*	Audio	Generic and Era	Tape recorder
Piasek et al. (2012)	Photographs	Personal	SenseCam, laptop, software
Politis et al. (2004)*	Music	Generic	NS
Sarne-Fleischmann et al. (2011)	Music, photographs, text, video clips (described in (Sarne-Fleischmann & Tractinsky, 2008))	Generic and Personal (from FMs)	Touchscreen, Web-based application
Shik et al. (2009)	Photographs, audio	Generic and Era	Headphones with amplifiers, projector
Smith et al. (2009)	Video (with photographs, video clips, narration, and music)	Personal (from PWD and FMs)	Video cameras, scanners, computers, printers, video editing software, DVDs, DVD players and remote controls
Su et al. (2012)*	Music	Era	NS
Thorgrimsen et al. (2002)*	Photographs	Generic and Era	Slides

Tolson & Schofield (2012)	Photographs	Interest	Digitized archive
Wallace et al. (2012)	Photographs (slide show), video	Personal (from FMs and friends), Era and Region	Computer, accessible volume dial, USB, RFID
Wallace et al. (2013)	Audio (music and voice recordings), Photographs	Personal (from FMs and PWD)	Camera, screen with USB port, RFID ampoules and reader, microphone, speakers, computer
Themed Group RT (Wang et al. (2009); Wang (2007))*	Music	Era	NS
Yamagami et al. (2007)	Video	Era	Video
Yasuda, Kuwabara, et al., (2009)	Photographs (photo video), audio (narration, music)	Personal (from FM)	NS
Yasuda et al. (2013)	Same media as Kuwahara et al. (2010)	Same content as Kuwahara et al., 2010	Touchscreen, web camera, server, scanner, internet, Firefox, Skype

NOTE: FM = family member; NS = Not specified; PWD = Person with dementia; RFID = Radio-frequency identification. * indicates that study used a reminiscence kit.