Wada & Shibata Paro Animal-like behaviour; Subjects: 12 30 (9 hours a day) Increased social interaction (2006, 2007)responds to touch, Measures: degree of social between participants, stress sound and lights; interaction, stress levels levels reduced Methods: video, interviews, limited-keyword recognition urine tests

Nr. sessions

Main results

and calling users by their

names

Exp. design

Table 1 Summary of the long-term studies in the health care and therapy domains

(e.g. "what is this?")

Agent/Robot Capabilities

References

		recognition	urme tests		
Kidd & Breazeal (2008)	Autom	Eye contact and small talk depending on time of day, state of the relationship with the user, etc.	Subjects: 45; 17–72 years old (3 conditions) Measures: weight loss, WAI, usage of the system Methods: questionnaire	50 (average)	Participants interacting with the robot reported their weight for more days and expressed more willing to continue interacting with the system

(2008)		of day, state of the relationship with the user, etc.	Measures: weight loss, WAI, usage of the system Methods: questionnaire		weight for more days and expressed more willing to continue interacting with the system
Francois et al. (2009)	AIBO	Dog-like behaviour (e.g., wag the tail);	Subjects: 6 (autistic children) Measures: children's	10 (40 minutes each)	Children tended to express more interest towards the

		user, etc.	Methods: questionnaire		system
Francois et al. (2009)	AIBO	Dog-like behaviour (e.g., wag the tail); responds to touch	Subjects: 6 (autistic children) Measures: children's progress during interaction Methods: video observation	10 (40 minutes each)	Children tended to express more interest towards the robot over time, with occasional displays of affect

François et al.	AIBO	Dog-like behaviour	Subjects: 6 (autistic children)	10 (40 minutes each)	Children tended to express
(2009)		(e.g., wag the tail);	Measures: children's		more interest towards the
		responds to touch	progress during interaction		robot over time, with
			Methods: video observation		occasional displays of affect

		responds to touch	Methods: video observation		occasional displays of affect
Sabelli et al. (2011)	Robovie	Remotely operated dialogues and	Subjects: 55 Measures: interaction	15 to 35 (10 to 20 minutes each)	Robot was well accepted due to role as "child" and

Sabelli et al.	Robovie	Remotely operated	Subjects: 55	15 to 35 (10 to 20	Robot was well accepted due
(2011)		dialogues and	Measures: interaction	minutes each)	to role as "child" and
		child-like behaviours	patterns during interaction		behaviours such as greetings

observations

Methods: interviews, direct