Multimedia Appendix 8. Communication to or between health care providers – overview of mHealth articles

Research	Sample	Device	Aims	Findings
Country and	size			
reference				
Kenya [57]		PDA	To assess the characteristics	EMRs and PDA are useful
			and outcomes of patients with	tools for performing
			acute respiratory illnesses	prospective clinical
			(ARIs) visiting a rural health	research in resource
			center, using an existing	constrained developing
			electronic medical record	countries.
			(EMR) system and personal	
			data assistants (PDAs).	
USA [90]	40	SMS;	This pilot and feasibility	Cell phone text messaging
		email	study compared two-way	to promote BG monitoring
			SMS cell phone messaging wi	is a viable and acceptable
			th e-mail reminders that were	option in adolescents and
			directed at encouraging blood	young adults with
			glucose (BG) monitoring.	diabetes.
Italy [205]	18	Mail,	To describe a store-and-	The system was rated as
		SMS	forward teleconsultation	very good or good for
			network developed as a web	Access, Acceptability,
			application in order to	Image Quality and
			provide second opinions	Medical Efficacy.
			on retinal diseases	
USA [206]	10	Mobile	To examine the feasibility	Majority of individuals
		phone	and acceptability	with SSDs are willing to
			of cell phone use in	use this method of
			individuals with	communication and are
			schizophrenia	able to do so with few
			spectrum disorders (SSDs)	problems
USA [207]	83	Mobile	To determine the extent and	There is a gap in the use
		phone	scope of cell phone use by	of cell phone technology
			83 adults with intellectual	between people

	1	1	disabilities, reasons for	with intellectual
			nonuse, and factors affecting	disabilities. When used,
			use.	they are employed
				primarily for emergencies,
				storing telephone numbers,
				and day-to-day
				communication.
USA [208]		PDA	To assess how PDA	PDA free clinicians to
			augmented medical care	focus on building
			during street outreach to the	relationships instead of
			homeless in a major	recreating documentation
			metropolitan area.	during patient encounters
USA [209]	366	PDA	To identify trends in the	The students considered
			utilization and acceptance of	handheld computing an
			handheld computers (personal	essential technology that
			digital assistants) among	was integral to their
			medical students during	performance as future
			preclinical and clinical	clinicians.
			training.	
USA [210]	105	PDA	To assess both confort levels	PDA class is beneficial,
			and self-described skill level	necessary, and should
			before and after medical	remain mandatory to
			students class.	faculty, students, and
TICA [D11]	CO	DDA	To investigate the surrent	instructors.
USA [211]	60	PDA	To investigate the current	Our data show current
			personal digital assistant	
			(PDA) usage patterns of the	Pediatrics and emergency
			residents and their interest in	Medicine residents and
			future PDA-based	their interest for future
USA [212]		PDA	applications To assess clinical reasoning	applications. PDAs improve
0011 [212]			when PDAs are used as an	nursing work force,
			information resource	including accurate
			for nursing students.	diagnostic reasoning
		<u> </u>	<u> </u>	diagnostic reasoning,

		ı		
				reduction of medication
				errors, reduction of
				healthcare costs, and
				development of effective
		63.50		treatment protocols.
USA [213]	11	SMS	To examine African	Adolescents said they
			American adolescents'	benefited from the MCP-
			perceptions of	enhanced approach and
			a mobile cell phone (MCP)-	were receptive to the idea
			enhanced intervention and	of developing an MCP-
			development of an MCP-	based intervention.
			based	
			HIV prevention intervention.	
USA [214]	47	SMS	To assess the feasibility of	Cell phone-based text
			engaging adults with diabetes	messaging may
			in self management behaviors	enhance chronic disease
			between clinic visits by	management support and
			using cell phone text	patient-provider
			messaging to provide blood	communications beyond
			sugar measurement prompts	the clinic setting
			and appointment reminders.	
USA [215]	389	PDA	To determine the benefit, if	Use of PDAs and whether
			any, from use of and access to	students thought they
			PDAs on the medical	might be helpful had no
			epidemiology final	measurable effect on
			examination.	performance on
				an epidemiology final
				examination.
USA [216]	223	Mobile	To develop and test a	Access to institutional
		phone	theoretical model that	resources was positively
			explains the underlying	associated with
			process through which the	midwives' health knowledg
			use of cell phones can	e. Further, access to peer
			facilitate the capacity of	resources was associated
			community health care	with higher self-efficacy,

			workers in developing	which was positively
			regions	associated
				with health knowledge.
USA [217]	209	Mobile	To evaluate the feasibility of	Interest was high for
		phone	using information	receiving
			communication technology-	health education, HIV edu
			based interventions to	cation, and test results via
			improve access to HIV testing	text messaging.
			and education within the	
			Spanish-speaking community	
			in Baltimore.	
USA [218]	12	PDA	To determine patients'	Patients rate interactions
			perceptions of physicians'	with their physicians more
			personal digital assistant	positively when physicians
			(PDA) use, comparing the	explain their PDA use.
			results across 8 physician-	
			patient dimensions important	
			to clinical interactions.	
USA [219]	4203	PDA	To comprehensively	Even though no
			characterize the current use of	differences in overall HER
			electronic health records (EH	adoption were found,
			Rs) and PDAs among	family physicians, when
			family physicians in Florida;	compared with other
			and to compare family	physicians, were
			physicians with other doctors	significantly more likely to
			with respect to the functions	be using a more robust set
			commonly used on their EHR	of EHR functions which
			and PDA systems.	include allergy and
				medication lists, diagnosis,
				medication lists, diagnosis, problem lists, patient
				problem lists, patient
				problem lists, patient scheduling and educational
				problem lists, patient

TICA [220]	17	Mobile	To determine the feasibility	material.
USA [220]	1/	Mobile	To determine the feasibility	It is feasible to deliver
		phone	and efficacy of a six-	a cell phone-based exercise
			month, cell phone-based	persistence intervention to
			exercise persistence	patients with COPD post-
			intervention for patients with	rehabilitation and that the
			chronic obstructive	addition of coaching
			pulmonary disease (COPD)	appeared to be no better
			following pulmonary	than self-monitoring.
TICA [DD4]	215	CMC	rehabilitation.	
USA [221]	315	SMS	To assess knowledge,	Cell phones and text messa
			attitudes, and behaviors	ging were prevalent among
			surrounding healthcare-	our subjects attending HIV
			related mobile phone use and	and TB clinics, and
			text messaging among	subjects were generally
			persons at risk for or infected	receptive to text messaging
			with tuberculosis (TB) or the	for healthcare-related
			human immunodeficiency vir	communication.
			us (HIV).	
USA [222]	10	PDA	To describe the use of	PDA can facilitate
			(1) PDAs in patient care and	accessing drug information
			(2) a PDA learning portfolio	and clinical guidelines and
			intended to encourage	using this information to
			documentation of reflection	make clinical decisions.
			on practice and medical	
	1.00	25.1.1	education.	
USA [223]	169	Mobile	To conduct a preliminary	Cell phones present new
		phone	examination of cell phone	opportunities for
			ownership and use among a	intervention research,
			sample of homeless youth,	
			particularly the social and	to family and home-based
			instrumental uses of cell	peers who can be sources
			phones which have	of social support in times
			implications for health	of need.
			outcomes.	

USA [224]	1839	SMS	To examine both the	Sexting, rather than
. ,			correlates of sexting and the	functioning as an
			association of sexting with	alternative to "real world"
			physical sexual risk behavior	sexual risk behavior,
			among a representative	,
			probability sample of high	cluster of risky sexual
			school students.	behaviors among
			School students.	adolescents.
USA [225]	439	Mobile	To (1) determine the	Majority of perfusionists
		phone	frequency of cell phone use in	believe cell phones raise
			the perfusion community, and	significant safety issues
			(2) to identify concerns and	while operating the heart-
			opinions among perfusionists	lung machine. However,
			regarding cell phone use.	the majority also have
				used a cell phone while
				performing this activity.
				There are clear
				generational differences in
				opinions on the role and/or
				appropriateness of cell
				phones during bypass.
USA [227]		PDA	To discuss the utilization of	The PDA made it possible
			PDAs for Family Nurse	for students to utilize pre-
			Practitioner students in a	existing knowledge with
			Pediatric course	additional learning
		ļ		resources
USA [228]	648	PDA	To assess the use of personal	Dietitians and students
			digital assistants (PDAs)	expressed an interest in
			among dietitians and dietetic	receiving training in PDA
			students and the desire for	use, preferably from state
			training in the use of PDAs.	and local dietetic
	10	Mobile	To study of the attitudes of	associations.
UK [229]	10		To study of the attitudes of	Mobile phone was seen as
		phone	patients and staff to the use of	identifying poor control
			mobile phone technology for	more quickly and

			recording and gathering	facilitating communication
			asthma data	with healthcare
				professionals without the
				need for face-to-face
				consultation. There was a
				high degree of
				acceptability to both
				patients and staff.
UK [230]		Mobile	To present details regarding	No findings
		phone	the early developments of a	
			memory prompt solution	
			for persons with early dement	
			ia.	
UK [231]	14	Mobile	To determine the accuracy of	The accuracy and
		phone:	assessment of	confidence of diagnosis of
		camera	common ENT emergency radi	common ENT emergency r
			ological investigations	adiological investigations
			using mobile phone digital	using mobile phone digital
			images.	images seem compatible
				with X-ray box. It is cost-
				effective. It may be used to
				augment information sent
				to non-resident specialists
				in the management
				of emergency ENT cases.
UK [232]		SMS:	To explore how patients with	Automated, scheduled text
		Sweet	type 1 diabetes interact with	messaging successfully
		Talk	the Sweet Talk system in	engaged young people
			order to understand its utility	with diabetes.
			to this user group.	
France [233]	10	Mobile	To investigate the application	Teleconsultation using
		phone:	and assessment of the	MMS is especially useful
		MMS	usefulness of image transfer	to improve
			through a mobile telephone	remote management of
			in pediatric orthopaedic	orthopaedic patients in

		T		
			practice.	local hospitals or for
				decisions of transfer when
				surgical treatment is
				needed.
Canada [234]		PDA	To outline the development	Nurse practitioner
			and evaluation of	and medical students
			a wireless PDA	revealed positive attitudes
			based clinical learning tool	to the use of PDA based
			designed to promote	tools and portfolios, but
			professional reflection for	limits to the use of the
			health professionals.	PDA portfolio due to the
				inherent interface
				restrictions of the PDA.
Canada		PDA	To explore advanced practice	Nurses identified
[235]			nurses' perceptions on	improved client care as the
			wireless PDA technologies, to	major benefit of this
			establish the type and range	technology in practice and
			of tools that would be useful	the type and range of tools
			to support their practice and	they identified included
			to identify any requirements	clinical reference tools
			and limitations that may	such as drug and
			impact the implementation of	diagnostic/laboratory
			wireless PDA in practice.	reference applications
				and wireless communicatio
				ns.
Canada [236]	9	PDA	To develop and evaluate a	The DST is useful to
			decision support tool (DST)	advanced cardiac care nurs
			on a PDA for cardiac tele-	es; it has potentiality for
			triage/tele-consultation when	use by nurses less
			the presenting problem was	experienced in
			chest pain.	cardiac care, and it has
				potentiality for use in an
				interdisciplinary team
				environment.
Canada [237]	23	PDA	То	Physical therapists prefer

			explore physical therapists'	technology-assisted access
			preferences for strategies to	to resources
			facilitate their access to,	and educationand favour
			evaluation and	attending multiple
			implementation of the stroke research literature	interactive, expert- facilitated education sessio
			in clinical practice.	ns incorporating
				opportunities for case-
				based learning
				and practice of new skills
				to change behaviour
				related toevidence-
Innan [220]	215	Mahila	To electify the twenty of	based practice.
Japan [238]	215	Mobile	To classify the trends of	Providing
		phone:	health information of pregnan	medical information and
		email	cy and delivery in which	non-medical information t
			people desire to obtain	hrough cell phone e-mail is
			through cell phone based on	an essential service,
			the characteristics of	especially in Japan.
			the information and, of each	
			classification we revealed the	
			generic characteristic (age,	
			gender, gestational weeks and	
			any other children), any	
			social support, the types	
			of cell phones or/and	
			computers and their related	
			use.	
Australia	647	PDA	To present a snapshot of	
[239]			student opinion on the	that access to PDA
			usefulness of the RMRPDA	information resources
			service as an adjunct teaching	contributed to learning
			and learning resource during	while on rural placements.
			their RMR clinical	

			placements.	
New Zealand	596	SMS	To assess the impact	The use of this technology
[240]			of text messaging as the	is as effective as more
			preferred method of	traditional means of
			communicating positive	communication. The
			Chlamydia trachomatis test re	increase in cases of
			sults in an urban sexual health	C trachomatis treated
			clinic.	within 4 weeks may reflect
				the significant increase in
				mobile phone use and
				improved ability to contact
				people rather than simply
				the introduction of text
		3 5 3 63		messaging.
Denmark	2550	Mobile	To examine the association	The mobile phone
[241]		phone	between a mobile phone	intervention significantly
			intervention	increased skilled delivery a
			and skilled delivery	ttendance amongst women
			attendance in a resource-	of urban residence.
 Thailand	59	Mobile	limited setting. To investigate the accuracy	Teleconsultation via MMS
[242]		phone:	and usefulness of	demonstrated good
[= .=]		MMS	teleconsultation using the	reliability, but poor
		1,11,10	mobile phone MMS in	diagnostic accuracy which
			emergency orthopaedic	could have major
			patients.	consequences in
				emergency orthopaedic
				patients.
Peru [243]	15	Colect	To test the usability of a	Users found the tool
		a-	Web-based application	innovative, interesting,
		PALM	delivered on PDAs that	easy to use, educational,
		: PDA	provides behavioral	trustworthy, private, and
			messaging based on risk	non-judgmental. Colecta-
			assessment responses	PALM was well-received
			for HIVpatients.	and easily usable by most.

Kenya [244]	538	SMS	To assess whether mobile	Patients who received
			phone communication	SMS support had
			between health-care workers	significantly improved
			and patients starting	ART adherence and rates
			antiretroviral therapy in	of viral suppression
			Kenya improved drug	compared with the control
			adherence and suppression of	individuals. Mobile
			plasma HIV-1 RNA load.	phones might be effective
				tools to improve patient
				outcome in resource-
				limited settings.
Kenya [245]	538	Mobile	1) Describe problems	The WelTel intervention
		phone	participants identified	enabled frequent
			through mobile phone support	communication between
			and reasons why participants	clinicians and patients
			did not respond to the	during the WelTel Kenya1
			messages; 2) investigate	trial. Many patients valued
			factors associated with	the service for the support
			indicating a problem and not	it provided, with health-
			responding; and 3) examine	related concerns
			participant perceptions of the	comprising the majority of
			intervention.	problems identified by
				participants. Few
Taiwan [246]	35	Mobile	To investigate the feasibility	The camera-phone is a
		phone:	ofteleconsultation with	feasible tool
		camera	the mobile camera-phone to	for remote evaluation regar
			transfer clinical images and	ding the replantation
			communicate on line	potential of completely
			for evaluation of replantation	amputated fingers and it
			potential in completely	holds significant promise
			amputated fingers.	in avoiding unnecessary
				patient transfer by
				providing useful
				information.

Taiwan [247]		Mobile	To demonstrate transmission	The 12-lead ECG
		phone	of 12-lead	transmission e-technology
			electrocardiography (ECG) in	expands the functions of a
			an ambulance to the cell	12-lead ECG instrument
			phone of the attendant	and facilitates more
			emergency medical	efficient pre-hospital
			technician and then to the	cardiac care.
			hospital and to cell phones of	
			off-site cardiologists	
Korea [248]	927	SMS	To conducte a community-	Majority of participants
			based anti-obesity	were satisfied with the
			programme using mobile pho	weekly SMS messages and
			ne SMS messaging.	information brochures
				delivered by post.
				SMS messaging may be an
				effective method
				of behaviour modification
				in weight control and anti-
				obesity health education
				programmes when
				promoted by community
Varia [240]		DDA	T	health centres.
Korea [249]		PDA	To examine an instant image	
			transfer system based on	
			a PDA phone with a built-in	·
			camera. Images displayed on a picture archiving and	required more transmission time. At the
				limited bandwidth
			(PACS) monitor can be captured by the camera in the	employed, higher resolutions could not be
			PDA phone directly.	justified.
Korea [250]	138	Mobile	To assess the feasibility of	Immediate basic teleconsul
		phone:	using a	ting of echocardiography
		camera	camcorder mobile phone for	movies is possible using

			teleconsulting about cardiac	current commercially-
			echocardiography.	available mobile phone sys
				tems
Korea [251]		Mobile	To evaluate the success rate	The image quality of most
		phone:	and time to transfer images	built-in cameras was
		camera	under various conditions.	acceptable to perform the
				initial assessment, with the
				autofocus function being
				essential to obtain high-
				quality images. The
				transmission failure rate
				increased markedly when
				the image size exceeded
				500 KB and the additional
				text messaging did not
				improve the success rate or
				the transmission time.
Korea [252]	51	Mobile	Investigate the effectiveness	This educational
		phone	of an educational intervention	intervention using the
			that used both the cellular	Internet and a SMS by
			phone with a short messaging	cellular phone rapidly
			service (SMS) and the	improved and stably
			Internet on the glycemic	maintained the glycemic
			control of the patients with	control of the patients with
I	45	DD 4	type 2 diabetes mellitus.	type 2 diabetes mellitus.
Israel [253]	45	PDA	To determine residents'	Palm owners in both
			perception of the utility of	
			personal digital assistants	used these devices to
			` '	
			•	
			purchase of a PDA.	
Israel [254]	120	Mobile	To assess the attitudes of	They preferred to answer
	120	Mobile	(PDAs) and their influence on clinical practice at two teaching hospitals, one of which subsidized resident purchase of a PDA. To assess the attitudes of	were pharmacopoeias, medical reference and clinical calculators.

or email address to patients. predet would hours weeke = 0.00 (79.7%) prefer for em than for cel ion (5 felt comm likely misco teleph 0.000; Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the phone-based HIV prevention programs to adolescents in resease source limited settings	cell phones only
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the phone potential to deliver cell phone—based HIV prevention programs to adolescents in resource limited settings prevention programs to adolescents in resource limited settings	g the daytime and at
Israel [255] 200 Moile To assess the attitudes and phone; cell phone number or e-mail address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the phone potential to deliver cell phone programs to adolescents in resource limited settings	termined times, but
weeke = 0.00 (79.79) prefer for em than for cel ion (5 felt comm likely misco teleph 0.000: Israel [255] 200 Moile phone; practice of patients on email obtaining consultation. Uganda 1503 Mobile To better understand the first physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first phone-based HIV prevention programs to adolescents in ressa source limited settings prevention	l answer email most
= 0.00 (79.79)	of the day, including
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first phone programs to adolescents in resource limited settings prevention programs to adolescents in resource limited settings	ends and holidays (P
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first phone potential to deliver cell phone programs to adolescents in reseasource limited settings prevention programs to adolescents in reseasource limited settings	01). More physicians
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Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the phone programs to adolescents in resource limited settings prevention programs to adolescents in resource limited settings	red allotted time
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Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first phone-based HIV prevention programs to adolescents in resource limited settings felt committee the committee of the programs to adolescents in resource limited settings prevention programs.	ll phone communicat
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first phone potential to deliver cell phone-based HIV prevention they was programs to adolescents in resource limited settings	50%). However, they
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the following phone-based HIV prevention they represent the programs to adolescents in resource limited settings	that email
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the first phone-based HIV prevention programs to adolescents in resource limited settings miscontelepho.	nunication was more
Israel [255] 200 Moile To assess the attitudes and Patient phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the following phone-based HIV prevention they was programs to adolescents in resource limited settings	to lead to
Israel [255] 200 Moile To assess the attitudes and phone; practice of patients on email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the phone potential to deliver cell phone-based HIV prevention they represent the programs to adolescents in resource limited settings	mmunication than
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email obtaining thecell phone number or email address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the following phone potential to deliver cell phone-based HIV prevention they represent the programs to adolescents in resource limited settings prevention.	its favored cell phone
thecell phone number or e- mail address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the 61% of phone potential to deliver cell cell phone-based HIV prevention they we programs to adolescents in resource limited settings	over e-mail for
mail address of their physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the 61% of phone potential to deliver cell cell phone-based HIV prevention they was programs to adolescents in resease source limited settings	lting with their
physician for the purpose of medical consultation. Uganda 1503 Mobile To better understand the 61% of phone potential to deliver cell cell phone-based HIV prevention they programs to adolescents in resease source limited settings prevention	ng physicians.
medical consultation. Uganda 1503 Mobile To better understand the 61% of phone potential to deliver cell cell phone-based HIV prevention they was programs to adolescents in resease source limited settings	
Uganda 1503 Mobile To better understand the 61% of phone potential to deliver cell cell phone-based HIV prevention they programs to adolescents in reseasion source limited settings prevention.	
phone potential to deliver cell cell phone-based HIV prevention programs to adolescents in resource limited settings preven	C.1 1 1
phone-based HIV prevention they source limited settings preven	of those who owned a
programs to adolescents in re- source limited settings preven	phone believe that
source limited settings preven	would access a text
	iging-based HIV
, , , , , , , , , , , , , , , , , , ,	ntion program if it
were	available. Other
forms	of program delivery lity (e.g. Internet,

		1		religious organizations,
				schools) were preferred to
				text messaging however.
Uganda	50	SMS	To determine: a) cell phone	
[257]			use practices and literacy, b)	for communication of
			preferences for laboratory	abnormal laboratory
			result communication, c)	results is highly acceptable
			privacy and confidentiality,	in this cohort of HIV-
			and d) acceptability of and	infected patients in rural
			preferences for text	Uganda
			messaging of health	_
			information.	
Thailand		PDA	To assess the accuracy of	Good accuracy can be
[258]			diagnosis, cost and the	achieved with a low-cost
			transmission time to a PDA	system for teleradiology
			phone.	consultation in stroke.
Singapore		SMS	To report and discuss the	The CRR-HMS is a
[259]			critical values of a novel,	clinically useful tool to
			fully automated short	rapidly communicate
			message system (critical	critical results to targeted
			reportable result health care	physicians to facilitate
			messaging system [CRR-	rapid and timely
			HMS]), and the performance	intervention.
			of the automated reporting	
			system.	
Turkey [260]		PDA	To evaluate 11 commercial	The use of PDAs will
			laboratory medicine software	facilitate medical
			products.	applications, constitute an
				information base for new
				learning and make learning
				more pleasant.
India [261]	173	SMS	To compare the effectiveness	Text messaging was more
			of two media (text messages	effective than pamphlets in
			and pamphlets) in	improving knowledge,
			imparting health education to	attitude and practices

			mothers	of mothers, but the
			modiers	of mothers, but the
			of preschool children.	comparative reduction in
				plaque score between
				groups was not
				significant. Text messagin
				g appears to be an
				effective means of
				imparting oral health educa
				tion.
South Africa	N	Mobile	To obtain information on the:	Cell-Life has improved the
[262]	p	phone	(1) subjective responses of	efficiency of
			therapeutic counsellors to the	communication between
			technology; (2)	patient, counsellor and
			communication between the	healthcare worker.
			counsellors and health	
			services; (3) patient's	
			responses	