

The Digital Home and Its Networks

NFTH/HF/COST seminar

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Digital home: challenges and opportunities for the elderly

Maisa Krokfors, Enter ry
www.entersenior.fi



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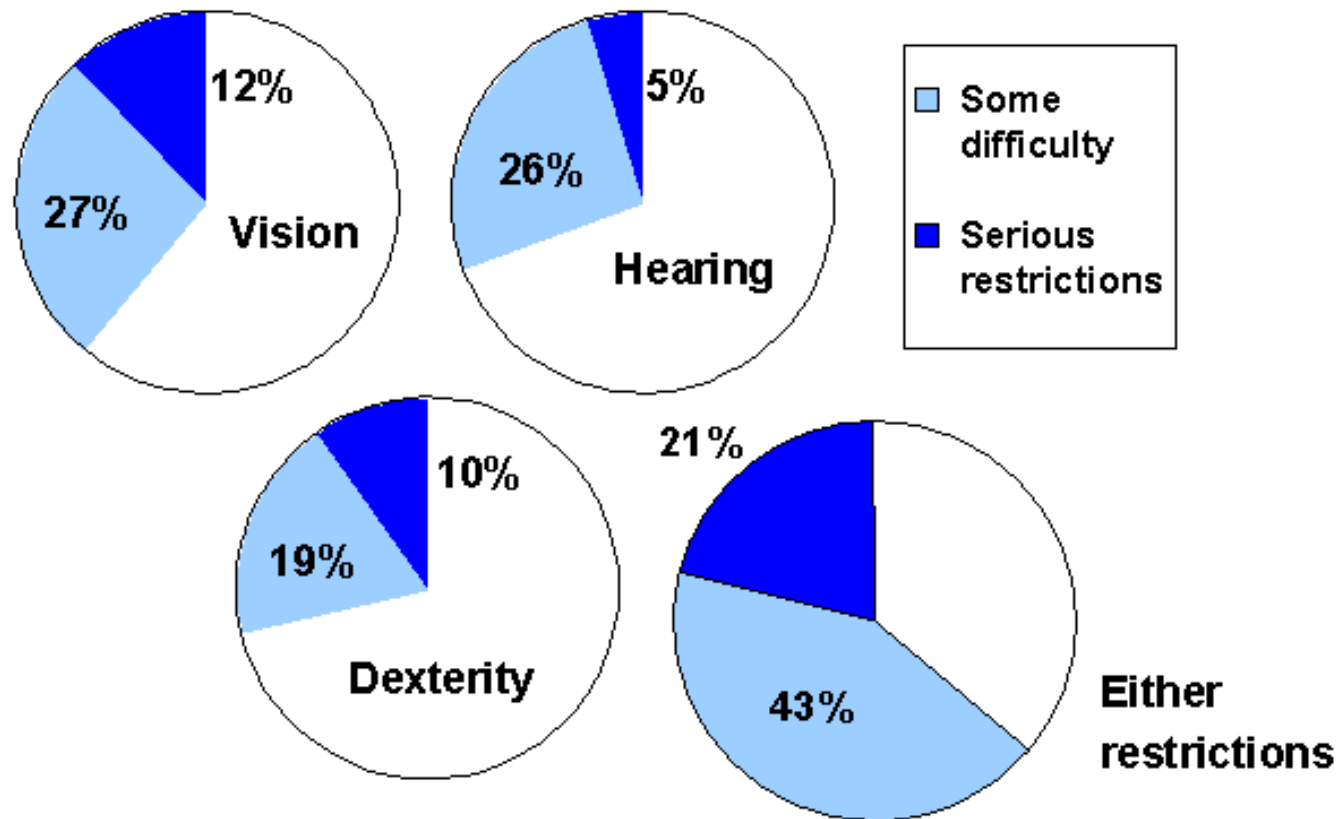
www.entersenior.fi



www.seniorwatch.de

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The appearance of functional restrictions among 50+ EU population



Lähde: SeniorWatch Older Population Survey 2001



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Technology	Present	Future	Supportive technology / technological metatrends	Societal Meta trends
Mobile tele-phones	<u>Rescue Phone</u> <u>Mobile Handy</u> <u>Mobile accessories</u> <u>Mobile + options</u>	<u>Mobile2,5 3-4G</u> <u>Small displays</u> <u>Broadband mobiles</u>	<u>Nanosystem sensors, actuators</u> <u>Multimodality</u> <u>Knowledge technology</u>	<u>Demographics Global/Local</u> <u>Inform Soc/All</u> <u>Active Ageing</u> <u>Networking</u>
Internet	<u>E-mail, info etc</u> <u>Tourist guides</u>	<u>Virtual communities</u>	<u>Ontologies</u>	<u>Care services</u>
Terminals	<u>Computers</u> <u>Multimedia terminals</u> <u>Turtle</u> <u>Pers Dig Assist</u> <u>Videotelephone</u> <u>Digital TV:s</u>	<u>Wearable computers</u> <u>Paper keyboard</u> <u>Home LAN:s</u> <u>Resid gateways</u>	<u>Customised interfaces</u> <u>Adaptive user profiling</u> <u>Biometrics</u>	<u>Risk Mngmt</u> <u>Mainstream/ assistive tech overlap</u>
Other devices	<u>Wrist alarms</u> <u>Wrist Cameras</u> <u>Tracking device</u> <u>E-book</u> <u>Home LAN:s</u>	<u>Bluetooth</u>		

SeniorWatch Older population survey, 2001

Opportunities



FIGURE 31 MEASURING EKG WITH A MOBILE



FIGURE 30 FOOD AUTOMATE

Opportunities

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KATJA LÖSÖNE



Pellervo Arponen jumppaa television edessä joka aamu. Tietokoneen ja videokameran kautta Arposen liikkeet välittyvät jumpan ohjaajille.

Apua kotiin televisioruudulta

► Kuvapuhelu näyttää ja ohjaa aamujumppaa omassa olohuoneessa

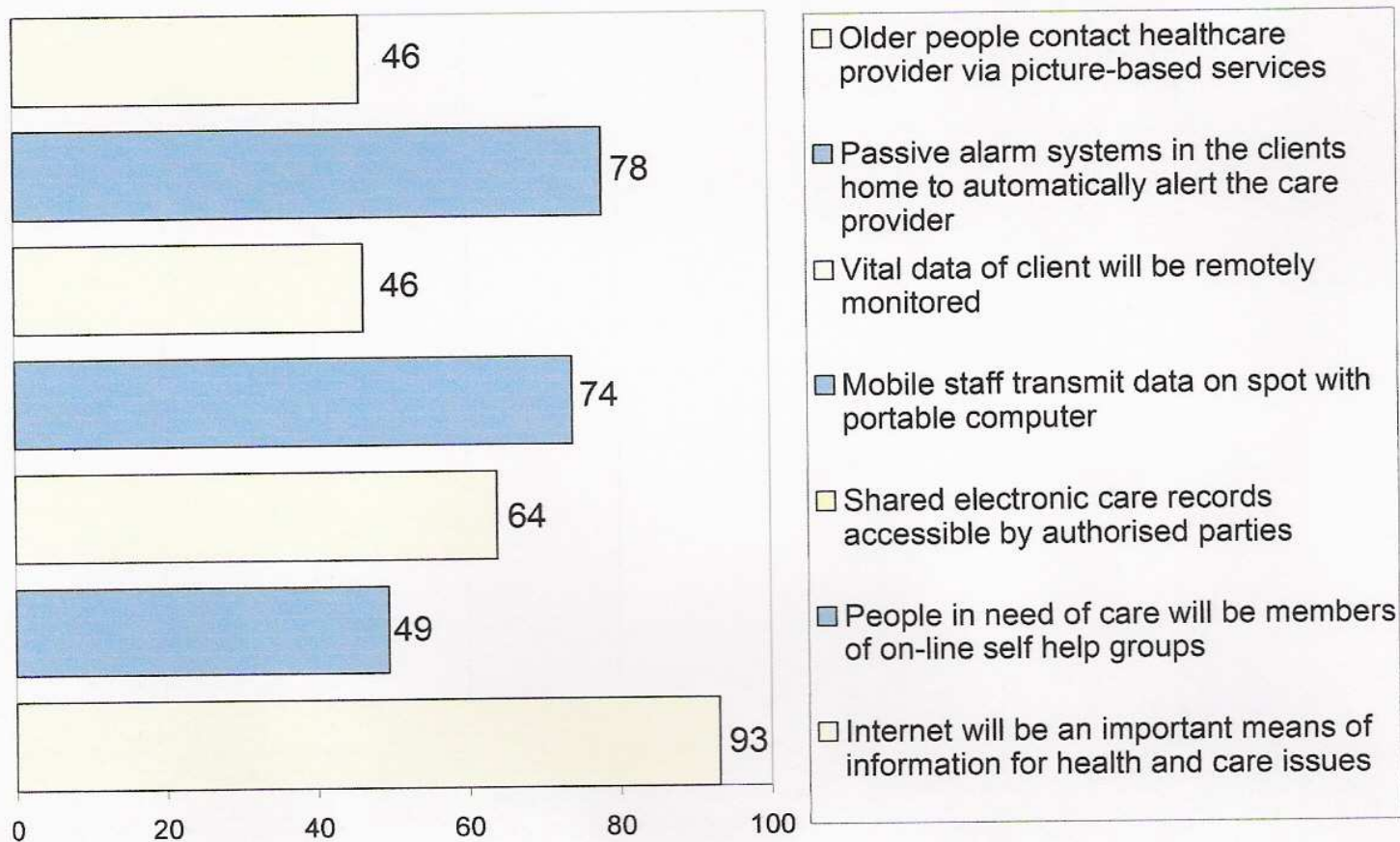
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Jumpan vetäjät Satu Hyökyvaara ja Anna Tiainen opastavat Arposta, jos venyttelyliikkeet eivät onnistu.

Figure 6 Assessment of future trends by home care services decision makers (in %), 2001



SeniorWatch, Older population survey, 2001