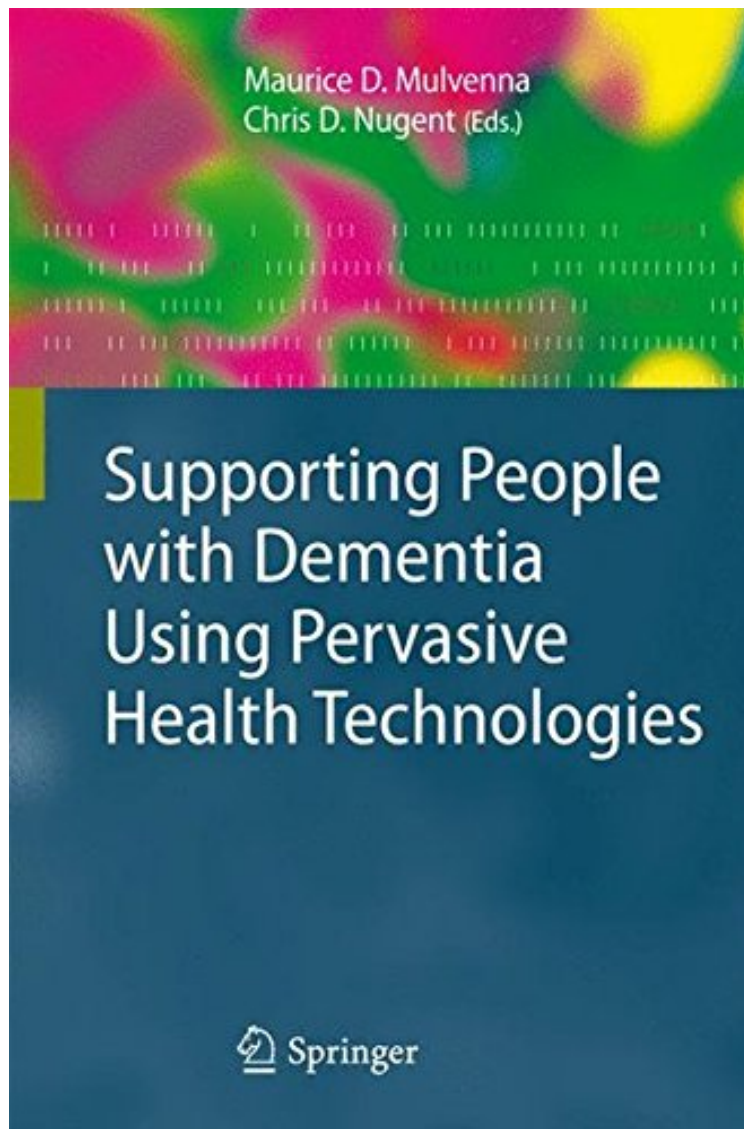


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Information and communication technologies can provide new paradigms in healthcare provision. In particular, new Pervasive Healthcare technologies can revolutionise the dynamics of healthcare, enabling people to remain at home for longer, at lower costs to health and welfare organisations. This book reveals how pervasive healthcare technologies can be designed in conjunction with users and carers, as well as exploring the application of novel methods and technologies.

From the Back Cover Information and communication technologies can provide new paradigms in healthcare provision. In particular, new Pervasive Healthcare technologies can revolutionise the dynamics of healthcare, enabling people to remain at home for longer with lower costs to health and welfare organisations. This book reveals how pervasive healthcare technologies have been designed in conjunction with users and carers. It explores the application of novel methods and technologies, encompassing the research, design and evaluation of a new set of pervasive healthcare solutions. An introduction to pervasive healthcare systems and services developed for people with dementia, this book describes this multidisciplinary area, primarily from a perspective of user need. Key topics covered include:nbsp;- ICT for Inclusion- Pervasive healthcare - Smart homes - Ambient Assisting Living - Assistive technology- Cognitive prosthetics- Design process- User centred design- Context aware computing- Ethical considerations This book will be of interest to healthcare practitioners developing new health and social care paradigms; researchers and students engaged in pervasive computing studies; ubiquitous computing and mobile computing researchers; and clinicians who are working with technical researchers.