



Handbook of Research on Health Systems and Organizations for an Aging Society

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Population aging is a growing challenge worldwide. As such, new models of provision, organization, and allocation of resources, particularly in healthcare, are needed. As the self-care and long-term care needs of this age group become more prevalent, the importance of improved health services and effective health management strategies are apparent.

The **Handbook of Research on Health Systems and Organizations for an Aging Society** provides emerging research exploring the challenges and opportunities for the development and management of health systems and organizations in relation to people aged 65 and over. Featuring coverage on a broad range of topics such as emotional wellness, long-term care, and professional caregiving, this book is ideally designed for health technicians, doctors, nurses, pharmacists, hospital administrators, clinical directors, laboratory technicians, medical professionals, researchers, and students.

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Ana Filipa Ramos (Nursing School of Lisbon, Portugal), César Fonseca (Nursing School of Évora, Portugal), Adriana Henriques (Nursing School of Lisbon, Portugal)

With the worldwide trend towards aging and increasing numbers of chronic diseases, the promotion of self-care as a central issue in public health is a necessity. Recently, several international entities recommend that the nursing...

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Tawanda Mushiri (University of Zimbabwe, Zimbabwe), Panashe Adrian Mombeyarara (University of Zimbabwe, Zimbabwe), Thanks Marisa (University of Zimbabwe, Zimbabwe)

The use of a wheelchair for normal routines or rehabilitation has various physiological and psychological implications. The use of contact assistive robots in developing countries is limited mainly due to their expensive nature. The...

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Govind P. Gupta (National Institute of Technology, Raipur, India), Shubham Gaur (National Institute of Technology Raipur, India)

Remote monitoring and recognition of physical activities of elderly people within smart homes and detection of the deviations in their daily activities from previous behavior is one of the fundamental research challenges for the...

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Rogério Ferrinho Ferreira (Polytechnic Institute of Beja, Portugal), Luís Amador Ribeiro (Local Health Unit of Baixo Alentejo, Portugal), César João Fonseca (University of Évora, Portugal)

To identify the gains in elderly functional independence through the implementation of the rehabilitation nursing program, a pilot study involving the quantitative, descriptive, and cross-sectional case study methodology was applied...

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Maria João Soares (Hospital Center of Setúbal, Portugal), Rogério Ferrinho Ferreira (Polytechnic Institute of Beja, Portugal), João Vítor Vieira (Polytechnic Institute of Beja, Portugal)

The objective of this chapter is to identify the gains associated with rehabilitation nursing care implemented in the elderly person with mobility deficit of the fractured femur. An integrative literature review with a qualitative...

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Ana M. Advinha (University of Algarve, Portugal & Lisbon School of Health Technology, Portugal), Carla Nunes (Universidade NOVA de Lisboa, Portugal), Manuel J. Lopes (Comprehensive Health Research Centre (CHRC), Portugal & University of Évora, Portugal), Sofia Oliveira-Martins (University of Lisbon, Portugal)

About 45% of older people are unable to take their medicines as prescribed. Adherence represents a complex behavior that involves both the intention and the ability to take medication. In this way, it is important to distinguish the...

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Lisa Alves Gomes (University of Minho, Portugal), Gorete Reis (Évora University, Portugal)

Cardiovascular diseases are chronic diseases with the highest morbidity and mortality rate worldwide. The high number of hospital admissions for coronary artery disease and the low adherence to cardiac rehabilitation programs...

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Maria do Céu Mendes Pinto Marques (Universidade de Évora, Portugal), Fátima Cano (Unidade Local de Saúde do Baixo Alentejo, Portugal), Marta Carocinho (Unidade Local de Saúde do Baixo Alentejo, Portugal)

The objective of this chapter is to identify the consequences of comorbidity, ischemic heart disease, and functional stroke in elderly people at home. A systematic review using electronic databases—PubMed, Ebscohost, SciELO, and B...

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Ana Frias (Universidade de Évora, Portugal), Jorge Guerrero-Martin (Universidad de Extremadura, Spain), Maria Barros (Universidade de Évora, Portugal), Maria Chora (Universidade de Évora, Portugal), Margarida Sim-Sim (Universidade de Évora, Portugal)

Generations of young people, adults, and the elderly have or have had different ways of acquiring knowledge about HIV/AIDS. The accessibility of information, the evolution of information technology, or the sexualized connotation can...

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The objective of this chapter is to identify cardiovascular risk factors in the elderly and their prevalence in the elderly population of Alentejo. The research question was elaborated according to the PIC[O]D methodology. The...

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Tânia Patrícia Cabo Relíquias (Hospital Espírito Santo Évora, Portugal), Carmen Dolores Roque Agostinho (Hospital Espírito Santo de Évora, Portugal), Maria do Céu Marques (University of Évora, Portugal)

The objective of this chapter is to identify the risk factors and preponderant causes of falls in the hospital elderly inpatients. A survey on the search engines B-on, EBSCO, and Pubmed, followed by an analysis of the title and...

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Helena Maria Arco (Instituto Politécnico de Portalegre, Portugal), Maria Arminda Costa (Independent Researcher, Portugal)

Urinary incontinence involves difficulty in retaining urine, making it a problem with multiple consequences. The purpose of this chapter is to encourage reflection on this situation and identify potential action with a view to...

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Lucília Mateus Nunes (Instituto Politécnico de Setúbal, Portugal), Andreia Ferreri Cerqueira (Instituto Politécnico de Setúbal, Portugal)

The concern with the training models stems from our activity as teachers and researchers, recognizing the scenario of aging of the population, the need for policies and social and health responses, as well as the high relevance of...

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Susana Valido (Hospital do Espírito Santo de Évora, Portugal), Ermelinda do Carmo Caldeira (Universidade de Évora, Portugal), Felismina Mendes (Universidade de Évora, Portugal)

Sociodemographic changes occurring in past decades are reflected as increased population aging, resulting in a higher need to institutionalize elderly. Violence against elderly is a relevant public health problem. The aims of the...

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The aging population means that health systems rely on informal carers to meet the physical, psychological, and emotional needs of older people. In this context, it is particularly important to know the perceived quality of life of...

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