

HADAS LEWY

Head of Digital Health Ventures



Head of Digital Health Ventures in HIT and co-founder of CARE- Excellence Center for Applied Research and development of technologies for the Elderly in HIT. Experienced and high-skilled in research, development and entrepreneurship with a vast knowledge in Digital Health, healthcare systems and organizational innovation development and implementation. Has long experience in international collaborations in R&D including EU funded projects and the development of technologies and products for healthcare services that are compatible with the workflow and needs of healthcare systems.

EXPERIENCE

Holon, Israel
2019-Present

Head of Digital Health Ventures *HIT - Holon Institute of Technology*

Responsible for strategic plan and collaboration models with healthcare organizations and Industry, establishment and management of research and development infrastructure in Digital Health Ventures.

Holon, Israel
2017-Present

Senior Lecturer

Digital Medical Technologies, HIT-Holon Institute of Technology

Responsible of DMT research including the unique labs : HEAL- Health Analytics Lab, MADE- Medical Assistive Design and Engineering Lab ,MAIA- Medical Application and Living Lab- a smart home lab for homecare R&D. **Serves as the head of the teaching committee and Head of Admission Committee** of the unique academic (B.Sc.)program, in Digital Health that aims to educate the 21st century physicians in Digital Health and healthcare data analysts. The program is affiliated by 7 leading hospitals and 3 HMOs in Israel to the program. Supervised 9 MSc projects since 2018

Tel-Aviv, Israel
2017-2019

Director Innovation Business development

Clalit Healthcare Services

Established and managed the data innovation hub aim to develop and commercialize analytical products based on healthcare data that can be implemented in healthcare organizations worldwide. Established a research room to enable R&D collaborations with academic and industrial partners. Developed collaboration models with academic and industry to develop innovative products for healthcare

Holon , Israel
2015-Present

Co-founder CARE@HIT Center for Applied Research and Development of Technologies for the Elderly

CARE was founded as part of a collaboration with the second largest HMO in Israel - Maccabi Health Services - in the domain of AgeTech. CARE is a multidisciplinary meeting place for academia, industry, healthcare&welfare organizations, the older population, municipalities and NGOs, where technology and design is offered to address various challenges faced by the older population.

CONTACT INFORMATION

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Israel 5810201

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+972-3-5026833

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SKILLS

- Leadership
- Problem Solving
- Public Speaking
- Innovative
- Creative
- Mentoring
- Team Building
- Vision and Decision Making
- Strategic Planning

LANGUAGES

Hebrew

Native (Mother Tongue)

English

Full Professional\Fluent

French

Full Professional\Fluent

Tel-Aviv , Israel 2010-2016	Director, Maccabi International Center for Research and Development <i>Maccabi Healthcare Services</i> Established the International R&D Center and collaboration model between academia healthcare organizations and industry to advance innovation development and implementation in Maccabi Healthcare Services
Tel-Aviv , Israel 2010-2016	CEO <i>Nevet Ltd. R&D company of Maccabi group holdings</i> Founded and served as the CEO of NEVET Ltd –the R&D Company of Maccabi Group Holdings. The company developed products based on Maccabi Healthcare know-how for healthcare services compatible with healthcare workflow and needs of healthcare systems worldwide
Petach-Tikva, Israel 2006	Senior researcher <i>Glucon Ltd.</i> The company developed non-invasive sensors for diabetic patients
Tel Aviv, Israel 2005-2006	CEO and Founder <i>Kalcount Ltd.</i> The company developed homecare solution for oncological patients using end to end solution , continuity of care between hospital, community care and home care

EDUCATION

Paris, France 1999-2001	Post Doctorate Medical School Sorbonne Paris IV, Marie Curie, Paris, France Multifrequency patterns of endocrine function in ageing and the relation between sleep\wake cycles, genetic background and and endocrine function. The effect of magnetic field on melatonin release .
Tel Aviv, Israel 1993-1998	PhD Tel-Aviv University, Sackler Medical school Biological clocks and the pituitary gland. the relation between continuous monitoring of sleep\wake cycles and endocrine function using multifrequency analyses methods
Tel Aviv, Israel 1989-1992	MSc Tel-Aviv University, Life sciences, Biochemistry Department Signal transduction in the pituitary gland
Tel Aviv, Israel 1985-1988	BSc Tel-Aviv University, Life sciences

PROJECTS

2008 **GAP - Guard, Anticipation and Prediction**

Research of a new approach to health risk prediction. A roadmap for developing EU system for detection and alerting health risks

2009-2012 **HELP Home-based Empowered Living for Parkinson's Disease Patients**. AAL project (Chief scientist funded).

<http://www.aal-europe.eu/projects/help>

2009-2012 **KSERA Research and Development of a Knowledgeable Service Robot for Aging**.

A robotic platform for service of several related purposes for elderly persons in general and those with Chronic Obstructive Pulmonary Disease (COPD) in particular

2009-2012 **EUROREACH** Research of data and indicators for diabetes from different countries for development of a handbook how to access health care data for cross-country comparisons of efficiency and quality

2010-2013 **ENSURE Enabling knowledge Sustainability, Usability and Recovery for Economic value**.

Research of various data types and systems for healthcare for development of digital platform for data preservation

2011-2014 **REMPARK Remote and Autonomous Management of Parkinson's Disease**

Personal health device. Personalized care for PD patients using wearables and remote systems. <http://www.rempark.eu/>

2011-2014 **USEFIL Unobtrusive Smart Environments For Independent Living**. Using IoT for monitoring and assessment of patient at home. <https://www.usefil.eu/>

2014-2017 **DAPHNE - Data as a service platform for healthy lifestyle and preventive medicine**. <http://www.daphne-fp7.eu/>

2015-2018 **DECI Digital Environment for Cognitive Inclusion**.

Remote assessment and care for patients with MCI at home <http://deci-europe.eu/>

2020- present **Predicting abnormal morbidity among IDF soldiers**

2020-Present **CODE-IT**.

A hybrid tool for both monitoring and intervention - aiming at preserving the patient's cognitive skills, especially his/her executive functions. It contains an AI layer for decision support and personalized care. CODE-IT is designed for use by the patient at his/her home, supervised remotely by healthcare professionals

2021- **healthy lifestyle** for high-school children

Social community for healthy lifestyle education among teen-agers. The tool is being developed in collaboration with the Israeli diabetes association and Ort high school chain

2021-Present Digital- Cognitive assessment.

A digital tool for diagnosis and assessment of cognitive cognition. It includes interactive and an AI layer for decision support and personalized care. the tool will serve hospital teams and tele-services for the elderly. The project is a collaboration between HIT and Beit-Rivka hospital of Clalit healthcare. Funding: Clalit innovation authority and MOH (support action 2022)

CERTIFICATION & COURSES

2013: **Senior Directors Course**. - IDC Herzliya

2015: **Product Management course**. The Israel Export Cooperation Institute, Ministry of Economy, Israel

2016: **Fellowship at IAS** (International Advanced Studies) Institute at Warwick. University, UK

HONORS & AWARDS

1999 -ICS Conference, Washington DC, USA Excellence Award

1995- ICS Conference, Ferrara, Italy Excellence Award

2009- Healthgrid Research Innovation and Business Case,Berlin-member of the scientific organizing committee

2012- HELP Home-based Empowered Living for Parkinson's Disease Patients -AAL FORUM Award

2013- HELP Home-based Empowered Living for Parkinson's Disease Patients-Best European Project

2014- The 6th MBEC, Dubrovnik, Croatia,- Member of Organizing Committee

2014-present: Associate Editor- HTL-Health Technology Letters

2018: UK-Israel Synergy - Cyber Security in Healthcare – Member of organizing committee and keynote speaker

2019 60 Israeli Influencers in Longevity -BIRAX Aging: Leapfrogging Population Ageing & Establishing A Strong Longevity Industry & R&D Landscape-2019- [Longevity in Israel - Executive and Infographic Summary.pdf \(dkv.global\)](#)

2019 Digital Health – Past, Present, Future, HIT, Holon, Israel,- Member of Organizing Committee

2021- Keynote speaker- From remote care to personalized care IHAW 2021 conference. 8-10 November 2021 Larnaca Cyprus

2021- General Co-Chair- 15th EAI International Conference on Pervasive Computing Technologies for Healthcare Dec 2021

2021- Present Member of the Research Ethical Committee- Helsinki,Shmuel Harofe Hospital

2021-2022- Reviewer and member of the Judging committee of the Israeli MOH- Chief Scientist on Telemedicine

2022- Mentor in the MOH acceleration program

2023- Future-Time Program for Elderly

PUBLICATIONS

H. Lewy, R. Galron, A. Bdolah, M. Sokolovsky, Z. Naor
Paradoxical signal transduction mechanism of endothelins and sarafotoxins in cultured pituitary cells: Stimulation of phosphoinositide turnover and inhibition of prolactin release
Molecular and Cellular Endocrinology, 89(1-2), 1992 (1-9)

D. Ben-Menachem, Z. Shraga, H. Lewy, R. Limor, I. Hammel, R. Stein, Z. Naor

Dissociation between release of gonadotropin α -subunit in GnRH stimulated α t3-1 cell line *Biochemistry* 31(12), 1992 (12893-12898)

H. Lewy, Z. Naor, I.E. Ashkenazi

Rhythmicity of Luteinizing hormone secretion expressed in vitro
European J. of Endocrinology, 135(4), 1996 (455-463)

S. Shacham, M.N. Cheifetz, H. Lewy, I.E. Ashkenazi, O.M. Becker, R. Seger, Z. Naor

Mechanism of GnRH receptor signaling: From the membrane to the nucleus. *Annales D Endocrinologie*, 60(2), 1999 (79-88)

H. Lewy, Z. Naor, I.E. Ashkenazi

From ultradian to infradian rhythms: LH release patterns In vitro
Chronobiology International, 16(4), 1999 (441-450)

A. Reinberg, H. Lewy

Vesalius. *Acta Internationalia Historea Medicinae*, 6(2), 2000 (90-99)

A.E. Reinberg, H. Lewy

Julien Joseph Virey et la naissance de la chronobiologie. Julien Joseph Virey and the birth of chronobiology. *Vesalius*, V1, 2, 2000 (90-99)

S. Shacham, D. Harris, H. Ben-Shlomo, I. Cohen, D. Bonfil, F. Przedeki, H. Lewy, I.E. Ashkenazi, R. Seger, Z. Naor

Mechanism of GnRH receptor signaling on gonadotropin release and gene expression in pituitary gonadotrophs. *Vitamins and Hormones Advances in Research & Applications*, 63, 2001 (63-90)

A. Reinberg, H. Lewy, M. Smolensky

The birth of chronobiology: Julien Joseph Virey 1814. *Chronobiology International*, 18(2), 2001 (173-186)

H. Lewy, Y. Shub, Z. Naor, I.E. Ashkenazi

Temporal pattern of LH secretion: Regulation by multiple ultradian oscillators versus a single circadian oscillator. *Chronobiology International*, 18(3), 2001 (399-412)

M. Hummel, A.G. Ziegler, H. Lewy, I.E. Ashkenazi, Z. Laron

IAA/GAD-positive offspring of diabetic parents have a different seasonality in month of birth than antibody-negative offspring *Diabetes Care*, 24(11), 2001

Y. Shub, H. Lewy, I.E. Ashkenazi

Circadian pattern of simulated flight performance of pilots is derived from ultradian components . *Chronobiology International*, 18(6), 2001 (987-1003)

J.A. Willis, R.S. Scott, B.A. Darlow, H. Lewy, I. Ashkenazi, Z. Laron
Seasonality of birth and onset of clinical disease in children and adolescents (0-19 years) with Type 1 Diabetes Mellitus in Canterbury, New Zealand. *J. of Pediatric Endocrinology & Metabolism (JPEM)*, 15(5), 2002 (645-647))

M. Hummel, H. Lewy, A.G. Ziegler, I.E. Ashkenazi, Z. Laron
Pattern of month of birth of diabetic and non-diabetic adults. *The Israel Medical Association (IMAG) J.*, 4(1), 2002 (74)

O. Kordonouri, N. Shuga, H. Lewy, I.E. Ashkenazi, Z. Laron
Seasonality of month of birth of children and adolescents with Type 1 Diabetes Mellitus in Berlin differs from the general population. *European J. of Pediatrics*, 161(5), 2002 (291-292)

E.F. Roche, H. Lewy, H.M. Hoey, Z. Laron
Differences between males and females in the seasonality of birth and month of clinical onset of disease in children with Type 1 Diabetes Mellitus in Ireland. *J. of Pediatric Endocrinology & Metabolism*, 16(5), 2003 (779-782)

H. Lewy, I.E. Ashkenazi, Z. Naor
Gonadotropin Releasing Hormone (GnRH) and Estradiol (E2) regulation of cell cycle in Gonadotrophs. *Molecular and Cellular Endocrinology*, 203, 2003 (25-32)

H. Lewy, O. Massot, Y. Touitou
Magnetic field (50 Hz) increases N-acetyltransferase, hydroxy-indole-O-methyltransferase activity and melatonin release through an indirect pathway. *International J. of Radiation Biology*, 79(6), 2003 (431-435)

M. Vigodner, H. Lewy, L.M. Lewin, L Shochat, R. Golan
Evidence for biological rhythm in spermatogenesis in the pubertal hamster (*Mesocricetus auratus*): A flow cytometric study . *Life Sciences*, 74, 2004 (1119-1126)

H. Lewy, I.E. Ashkenazi, Y. Touitou
Prolactin rhythms-oscillators' response to photoperiodic cues is age and circadian time dependent. *Neurobiology of Aging*, 26, 2005 (125-133)

N.Asna, H. Lewy, I.E Ashkenazi, V.Deutsch, H.Peretz, M.Inbar, I.G Ron
Time dependent protection of amifostine from renal and hematopoietic cisplatin induced toxicity. *Life Sciences*, 76, 2005 (1825-1834)

Z. Laron, H. Lewy, I. Wilderman, A. Casu, J. Willis, M.J. Redondo, I. Libman, N. White, M. Craig
Seasonality of month of birth of children and adolescents with Type 1 Diabetes Mellitus in homogenous and heterogeneous populations. *The Israel Medical Association J. (IMAJ)*, 7(6), 2005 (381-384)

H. Lewy, E. Haus, I.E. Ashkenazi

Possible linkage between the ability to change the period (τ) of the Prolactin and Cortisol rhythms in women and breast cancer risk. *Chronobiology International*, 24(2), 2007 (365-381)

G.E. Krassas, K. Tziomalos, N. Pontikides, H. Lewy, Z. Laron

Seasonality of month of birth of patients with Graves' and Hashimoto's diseases differ from that in the general population *European J. of Endocrinology*, 156(6), 2007 (631-636)

H. Lewy, C.S. Hampe, O. Kordonouri, H. Haberland, M. Landin-Olsson, C. Torn, Z. Laron

Seasonality of month of birth differs between Type 1 diabetes patients with pronounced beta-cell autoimmunity and individuals with lesser or no beta-cell autoimmunity *Pediatric Diabetes*, 9(1), 2008 (46-52)

H. Lewy, A. Rotstein, E. Kahana, M.G. Marrosu, E. Cocco, Z. Laron,

Seasonality of month of birth in young patients with Multiple Sclerosis differs between genders and from the general population *J. of Pediatric Endocrinology and Metabolism*, 21(5), 2008 (473- 477)

H. Lewy, A. Rotstein, E. Kahana, M. Marrosu, E. Cocco, Z. Laron

juvenile Multiple Sclerosis similar to Type 1 Diabetes Mellitus has a seasonality of month of birth which differs from that in the general population. *J. of Pediatric Endocrinology and Metabolism*, 21, 2008 (473-478)

H. Lewy, H. Meirson, Zvi Laron

Seasonality of birth month of children with Celiac disease differs from that in the general population and between sexes and is linked to family history and environmental factors. *J. of Pediatric Gastroenterology and Nutrition*, 48(2), 2009 (181-185)

A. Reinberg, Y. Touitou, H. Lewy, M. Mechakouri

Habitual moderate alcohol consumption desynchronizes circadian physiologic rhythms and affects reaction-time performance *Chronobiology International*, 27(9-10), 2010 (1930–1942)

I. Yaniv, H. Lewy, G. Arahami, M. Jeison, B. Stark, Z. Laron

Possible link between month of birth and childhood leukemia supports the hypothesis of aninfectious etiology. *The Israel Medical Association J. (IMAJ)*, 12(12), 2010 (776)

J. Genizi, H. Lewy, Y. Ashkenazi, J. Antonelli, Y. Horowitz, D. Miron

Time patterns in young infants' blood count. *Biological Rhythm Research*, 41(5), 2010 (325-331)

H. Papadopoulos, A. Katasonov, C. James, A. Szczepura, A. Astaras, P. Bamidis, H. Lewy, D. Ruschin, K. Tuinenbreijer

An integrated system for Unobtrusive Smart Environments For Independent Living (USEFIL) JCNC. *J. of Computer Networks and Communications. Special Issue on "Healthcare Application over Internet of Things"* 2013

E. Torta, F. Werner, D.O. Johnson, J.F. Juola, R.H. Cuijpers, M. Bazzani, J. Oberzaucher, J. Lemberger, H. Lewy, J. Bregman
Evaluation of a small socially-assistive humanoid robot in intelligent homes for the care of the elderly. J. of Intelligent & Robotic Systems
Special Issue: Advanced Domestic Robots, 76(1), 2014 (57-71)

A. Samà, C. Pérez-López, D. Rodríguez-Martín, J.M. Moreno-Aróstegui, J. Rovira, C. Ahlrichs, R. Castro, J. Cevada, R. Graça, V. Guimarães, B. Pina, T. Counihan, H. Lewy, R. Annicchiarico, A. Bayés, A. Rodríguez-Molinero, J. Cabestany
A double closed loop to enhance the quality of life of Parkinson's Disease patients: REMPARK system Innovation in Medicine and Healthcare, 207, 2014 (115-124)

Y. Berkun, H. Lewy, S. Padeh, Z. Laron
Seasonality of birth of patients with juvenile idiopathic arthritis
Clinical and Experimental Rheumatology 33(1), 2015 (122-126)

C. Ahlrichs, A. Sam, J. Cabestany, M. Lawo, C. Pérez-López, D. Rodríguez-Martín, S. Alcaine, B. Mestre, P. Quispe, A. Costa, I. Mazzù, H. Lewy, N. Bayes, T. Counihan, A. Rodríguez-Molinero
Real-world continuous monitoring of tremor in Parkinson's disease: A study with 92 patients wearing a wrist-worn accelerometer
IEEE J. of Biomedical and Health Informatics, January 2015

H. Lewy
Wearable technologies - Future challenges for implementation in healthcare services. Healthcare Technology Letters
Special Issue: Wearable Healthcare Technology, 2(1), 2015 (2-5)

C. Ahlrichs, A. Samà, M. Lawo, J. Cabestany, D. Rodríguez-Martín, C. Pérez-López, D. Sweeney, L.R. Quinlan, G.Ó. Laighin, T. Counihan, P. Browne, H. Lewy, G. Vainstein, A. Costa, R. Annicchiarico, S. Alcaine, B. Mestre, P. Quispe, À. Bayes, A. Rodríguez-Molinero
Detecting freezing of gait with a tri-axial accelerometer in Parkinson's disease patients. Medical & Biological Engineering & Computing, 54, 2016 (223-233)

C. Pérez-López, A. Samà, D. Rodríguez-Martín, J.M. Moreno-Aróstegui, J. Cabestany, A. Bayes, B. Mestre, S. Alcaine, P. Quispe, G.Ó. Laighin, D. Sweeney, L.R. Quinlan, T.J. Counihan, P. Browne, R. Annicchiarico, A. Costa, H. Lewy, A. Rodríguez-Molinero
Dopaminergic-induced dyskinesia assessment based on a single belt-accelerometer. Artificial Intelligence in Medicine, 67, 2016 (47-56)

C. Gibbons, G. Bailador del Pozo, J. Andrés, T. Lobstein, M. Manco, H. Lewy, E. Bergman, D. O'Callaghan, G. Doherty, O. Kudrautseva, A. Palomares, R. Ram, A. Olmo
Data-as-a-service platform for delivering healthy lifestyle and preventive medicine: Concept and structure of the DAPHNE Project
JMIR Research Protocols, 5(4), 2016

D. Rodríguez-Martín, A. Samà, C. Pérez-López, A. Català, J.M. Moreno Arostegui, J. Cabestany, À. Bayés, S. Alcaine, B. Mestre, A. Prats, M.C. Crespo, T.J. Counihan, P. Browne, L.R. Quinlan, G. ÓLaighin, D. Sweeney, H. Lewy, J. Azuri, G. Vainstein. Annicchiarico, A. Costa, A. Rodríguez-Molinero
Home detection of freezing of gait using support vector machines through a single waist-worn triaxial accelerometer. PloS One, 12(2), 2017 (e0171764)

A. Rodríguez-Molinero, A. Samà, C. Pérez-López, D. Rodríguez-Martín, S. Alcaine, B. Mestre, P. Quispe, B. Moreno Arostegui, À. Bayes, H. Lewy, A. Costa, R. Annicchiarico, T. Counihan, G. Ó. Laighin and J. Cabestany
Analysis of correlation between an accelerometer-based algorithm for detecting Parkinsonian Gait and UPDRS subscales
Frontiers in Neurology, 8, 2017 (431)

J. Camps, A. Samà, M. Martín, D. Rodríguez-Martín, C. Pérez-López, J.M. Moreno Arostegui, J. Cabestany, A. Català, S. Alcaine, B. Mestre, A. Prats, M.C. Crespo-Maraver, T.J. Counihan, P. Browne, L.R. Quinlan, G. Ó. Laighin, D. Sweeney, H. Lewy, G. Vainstein, A. Costa, R. Annicchiarico, À. Bayés, A. Rodríguez-Molinero
Deep learning for freezing of gait detection in Parkinson's disease patients in their homes using a waist-worn inertial measurement unit . Knowledge-Based Systems, 139, 2018 (119-131)

A. Bayés, A. Samà, A. Prats, C. Pérez-López, M. Crespo-Maraver, J. M. Moreno, S. Alcaine, A. Rodríguez-Molinero, B. Mestre, P. Quispe, A.C. de Barros, R. Castro, A. Costa, R. Annicchiarico, P. Browne, T. Counihan, H. Lewy, G. Vainstein, L.R. Quinlan, D. Sweeney, G. Ó. Laighin, J. Rovira, D. Rodríguez-Martin, J. Cabestany
A "Holter" for Parkinson's disease: Validation of the ability to detect on/off states using the REMPARK system Gait & Posture, 59, 2018 (1-6)

H. Lewy, R. Barkan, T. Sela
Personalized health systems – Past, present, and future of research development and implementation in real-life environment
Frontiers in Medicine, 6, 2019 (149)

A. Rodríguez-Molinero, C. Pérez-López, A. Samà, D. Rodríguez-Martin, S. Alcaine, B. Mestre, P. Quispe, B. Giuliani, G. Vainstein, P. Browne, D. Sweeney, L.R. Quinlan, J.M. Moreno Arostegui, À. Bayés, H. Lewy, A. Costa, R. Annicchiarico, T. Counihan, G. Ó. Laighin, J. Cabestany
Estimating dyskinesia severity in Parkinson's disease by using a waist-worn sensor: Concurrent validity study. Scientific Reports, 9(1), (2019)

E. Ammenwerth, G. Duftschmid, Z. Al-Hamdan, H. Bawadi, N.T. Cheung, K-H Cho, G. Goldfarb, K.H. Gülkesen, N. Harel, M. Kimura, Ó. Kirca, H. Kondoh, S. Koch, H. Lewy, D. Mize, S. Palojoki, H-A Park, C. Pearce, F.G.B. de Quirós, K. Saranto, C. Seidel, V. Vimarlund, M.C. Were, J. Westbrook, C.P. Wong, R. Haux, C.U. Lehmann
International comparison of six basic eHealth indicators across 14 countries: An eHealth benchmarking study. Methods of Information in Medicine, 59(S 02), 2020

D. Magor, E. Berkov, D. Siomin, E. Karmiel, N. Lasman, L. Radinsky
Waldman, I. Gringauz, S. Stern, R. Lerner Kassif, G. Barkai, H. Lewy, G.
Segal

Interpretation of heart and lungs sounds acquired via remote, digital
auscultation reached fair-to-substantial levels of consensus among
specialist physicians .Diagnostics (Basel), 13(19), (2023)

CHAPTERS IN BOOKS

R. Barkan, H. Lewy, Guest Editors

Editorial: The healthcare systems have a growing need for systems that enable holistic approaches for treatment of age-related conditions, supporting active and healthy ageing and interactions with the patients, their caregivers and healthcare professionals

Special Issue: Addressing Age-related Conditions: Technologies for Early Detection. Healthcare Technology Letters, 4(3), 2017

A. Astaras, H. Lewy, C. James, A. Katasonov, D. Ruschin, P.D. Bamidis
Unobtrusive smart environments for independent living and the role of mixed methods in elderly healthcare delivery: The USEFIL approach in: Handbook of Research on Innovations in the Diagnosis and Treatment of Dementia. P.D. Bamidis, I. Tarnanas, L.J. Hadjileontiadis, M. Tsloaki. Book Series: Advances in Psychology, Mental Health and Behavioral Studies (APMHBS) Ch.15, 2015 (290-305)

H. Lewy

Integrated care: Technologies for diagnosis and treatment .In: Handbook of Research on Innovations in the Diagnosis and treatment of Dementia. P.D. Bamidis, I. Tarnanas, L.J. Hadjileontiadis, M. Tsloaki Book Series: Advances in Psychology, Mental Health and Behavioral Studies (APMHBS) Ch.9, 2015 (163-174)

H. Lewy,

Disease Management System (DMS) in: Parkinson's Disease Management through ICT: The REMPARK Approach

J. Cabestany, À. Bayés (eds.) River Publishers Series in Biomedical Engineering 2017 [ISBN: 978-87-93519-46-6]

MEMBERSHIP IN ACADEMIC & PROFESSIONAL SOCIETIES

1993-2004 ISC - International Society for Chronobiology
1993-2004 AAMCC - American Association for Medical Chronobiology
and Chronotherapeutics
2008-2017 EHTEL - European Health Telematic Association
2008-Present EHMA - European Health Management Association
2008-Present ICDA - Integrated Care Delivery Alliance
2013-Present IEEE
2022- ICHI

PATENTS

D. Levi, N. Asna, H. Lewy
Automated sampling and analysis using a personal sampler device
Patent No. AU2007226129, 20 September 2007
