Table of Contents

RESEARCH AND VALIDATION	
A Serious Game to Inform about HIV Prevention: HInVaders, à Case Study	3
From Kinect TM to anatomically-correct motion modelling: Preliminary results for human application	5
Fear and Happiness in "Re-Mission": Teasing Out Emotional Gaming Events Responsible for Cancer Risk Perception	7
GAME DESIGN, DEVELOPMENT AND BUSINESS	
Bias Blaster – Aiding Cognitive Bias Modification-Interpretation through a bubble shooter induced game-flow4: Bard O. Wartena and Hylke W. van Dijk	7
Attributing Design Decisions in the Evaluation of Game-Based Health Interventions	1
Servitization versus Commoditization: the Business Model Dilemma Confronting Serious Games for Health	5
IGER: A Game Engine Specifically Tailored to Rehabilitation8 Michele Pirovano, Pier Luca Lanzi, Renato Mainetti, and Nunzio Alberto Borghese	5
Designing Games for Children with Cerebral Palsy9 Kristín Guðmundsdóttir, Astrid Lilja Wille, and Alexandru Savu	9
The Core Mechanic in Battlefood: A Design Journey11 Josh Whitkin	7
Using Vitruvius as a Framework for Applied Game Design	1
'What Remains?': A Persuasive Story Telling Game15	3



Alessia Cadamuro and Valentijn Visch

O

PROFESSIONAL EDUCATION
Serious game based on Clinical cases: A multidisciplinary Approach for Self-assessment in Dental Education
A serious game to improve situation awareness in laparoscopic surgery 173 Maurits Graafland, MD and Marlies P. Schijven, MD PhD MHSc
GAMES FOR CARE, CURE AND MEDICINE ADHERENCE
Patient follow-up using Serious Games. A feasibility study on low back pain patients
Designing Kinect games to train motor skills for mixed ability players 197 Koen de Greef, Erik D. van der Spek & Tilde Bekker
Gaming at the dentist's – serious game design for pain and discomfort distraction
COGNITIVE AND MENTAL HEALTH
A Taxonomy of Serious Games for Dementia
Simon McCallum and Costas Boletsis
Simon McCallum and Costas Boletsis BKI: Brain Kinect Interface, a new hybrid BCI for rehabilitation
BKI: Brain Kinect Interface, a new hybrid BCI for rehabilitation
BKI: Brain Kinect Interface, a new hybrid BCI for rehabilitation
BKI: Brain Kinect Interface, a new hybrid BCI for rehabilitation

Table of Contents XI

Evidence-based psycholinguistic principles to remediate reading problems	
applied in the playful app Letterprins: A perspective of quality of healthcare	
on learning to read.	281
Esther G. Steenbeek-Planting, Mirella Boot, Jan C. de Boer, Marco van de Ve	n,
Nicole M. Swart, and Dimme van der Hout	
An Active Lifestyle for Youths through Ambient Persuasive Technology.	
Implementing Activating Concepts in a School Environment	293
R.J.W. Sluis-Thiescheffer; R. Tieben; J. Sturm; M.M. Bekker; B. Schouten	