

Towards design of the care of the future: LEA – The Lean Empowering Assistant”

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Robot Care Systems has a dream. We dream of a world that uses modern technology to help the elderly to feel young again, and motivate them to lead a much richer life. Our personal assistant LEA helps elderly stay longer at home. She ensures stability, safety and ease of use allowing older people and people with disabilities to maintain control over their lives. It can also be used in clinical rehabilitation treatment to allow patient to train independently in their own time in addition to the training time with professionals. This will allow for a quicker recovery and stimulate the independence of the patient. We have achieved this by making a very user friendly design that combines custom made electronics and mechanics with affordable sensors and intelligent software that can run on low-power computers. LEA is coming to the market in fall this year.