



ORGANISATIONAL IMPLICATIONS OF HOSPITAL ADMISSIONS AT HOME FOR HOSPITALS



Astrid van der Velde, PhD Manager cardiology practice a.vdvelde@lsala.nl



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Need for change

- Social level: aging, pressure health care budgets, reduced hospital capacity
- Patient level (primum non nocere!): delirium, hospital infections, falling trauma, immobility → IC admissions, mortality, loss of function

Chance to change

Technology: digital health, artificial intelligence, changing social values

























Chance@Home



2004 - 2009

Pilot

CHANCE @ HOME STUDY: The Congestive Heart failure Advanced Nursing CarE @ Home study



Feasibility and effects of IV diuretic therapy NYHA class III/IV congestive heart failure patients at home



2009 – current regular care















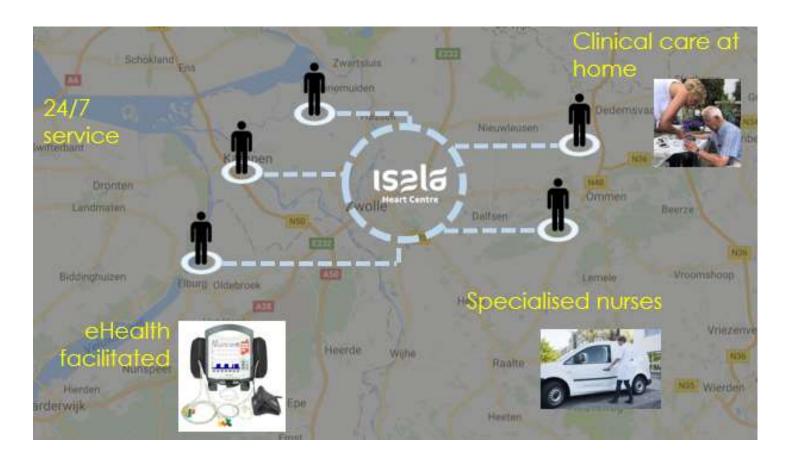








Chance@Home



























Chance@Home



Increasing number of direct home admissions

Year	Heart failure	Pulmonary embolism	Pneumothorax	ShortStay	Endocarditis	Home visit	Total
2009	76	6				61	143
2010	66	45				301	412
2011	91	64	9			343	507
2012	72	57	8			337	474
2013	83	65	12			294	454
2014	77	67	22			387	553
2015	81	68	21			408	578
2016	74	74	20	24		458	650
2017	80	27	18	26		546	697
2018	99		20	24		499	642
2019	110		22	20		504	656
2020*	93		17	15			
Total	1002	473	169	109	8	4473	6234



























NWE-Chance

Project identification

Project title	Development and validation of promising integrated eHealth applications for hospitalisation of heart failure patients at home						
Project acronym	NWE-Chance		Project Number		NWE 661		
Name of the Lead partner organisation in English	Isala						
Project duration in months	48 months	Start date	31-May-2018	End date	30-May-2022		
Programme priority	Priority Axis 1 Innovation						
Programme priority specific objective	SO1: To enhance innovation performance of enterprises throughout NWE regions						
Total budget ERDF					2 007 781.34		
Total budget					3 346 302.30		





Vast interest for the implementation of home hospitalisations, but **technological and organisational challenges** need to be overcome.





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NWE-Chance



HC@Home ® Health Care that Fits

part of The Surgical Company















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Objectives

- The development of an integrated technological Hospital@Home platform
- The evaluation of the feasibility of the use of the Hospital@Home platform in combination with the supporting care process
- The launch of an innovation hub























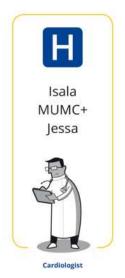


Blueprint

- Organisational model
- Quality management
- Standard operating procedures
- Logistics
- Technical environment
- Work instructions





























Lessons learned

- Start with a well-defined patient pathway
- Start with the patient, not with the technology
- Keep in mind that the service must be scalable
- Provide a 24/7 service
- Secure legal/administrative aspects with respect to the use of novel technologies



Socials:













