

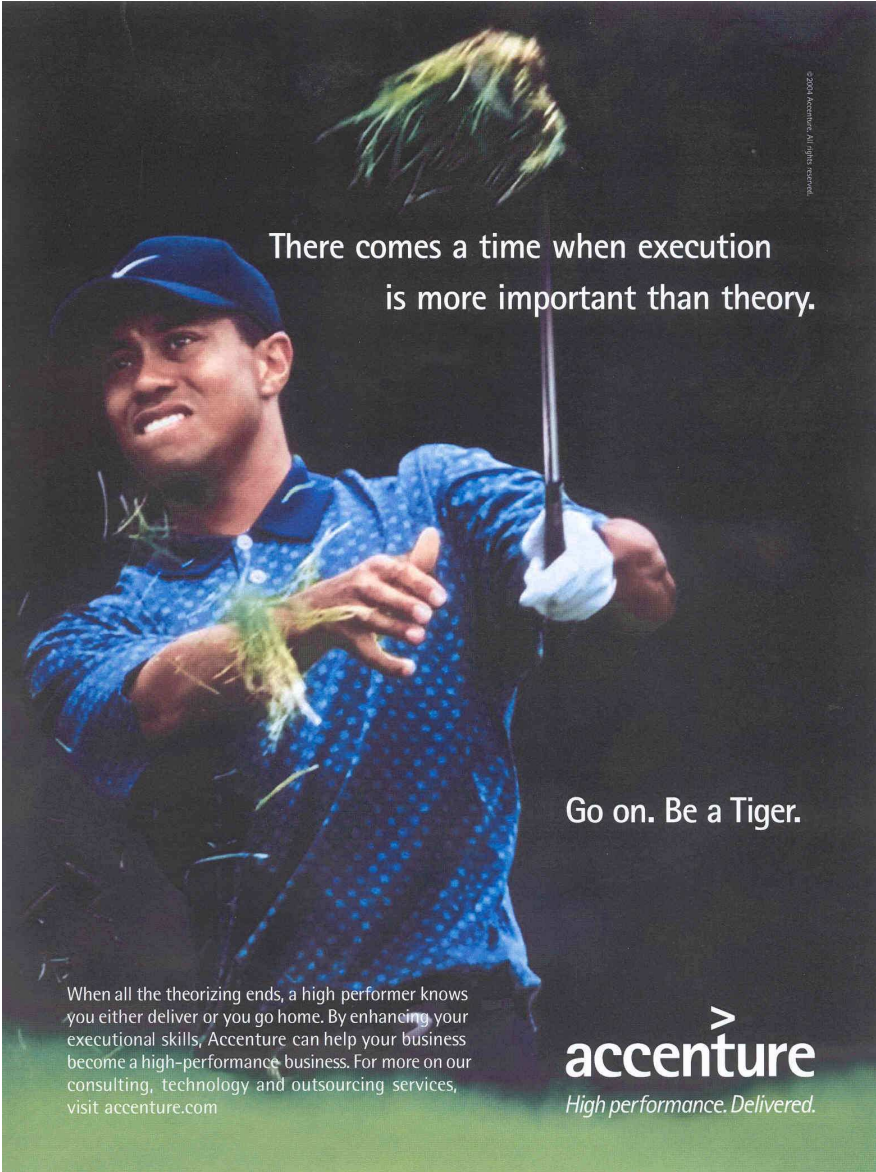


eHealth 2008, London, 8th Sept 08

Telemonitoring in the Management
of Chronic and Acute Cardiovascular Diseases

Prof. Dr. med. Harald Korb
Medical Director
Vitaphone GmbH

vitaphone
Telemedicine



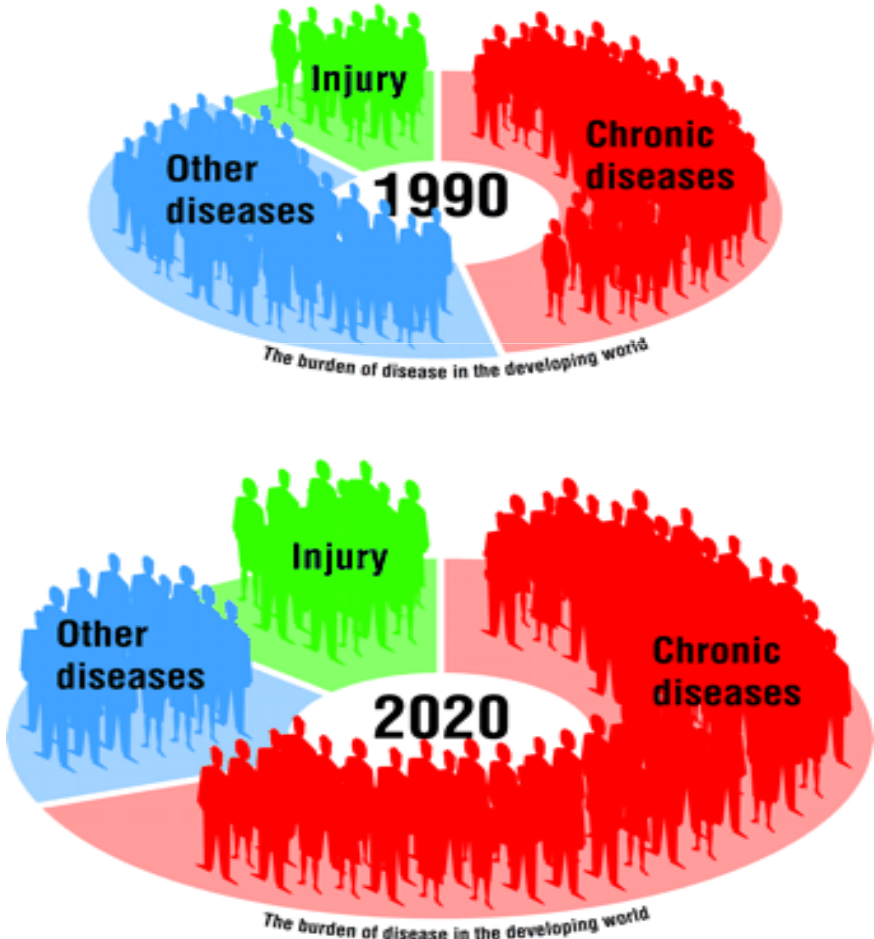
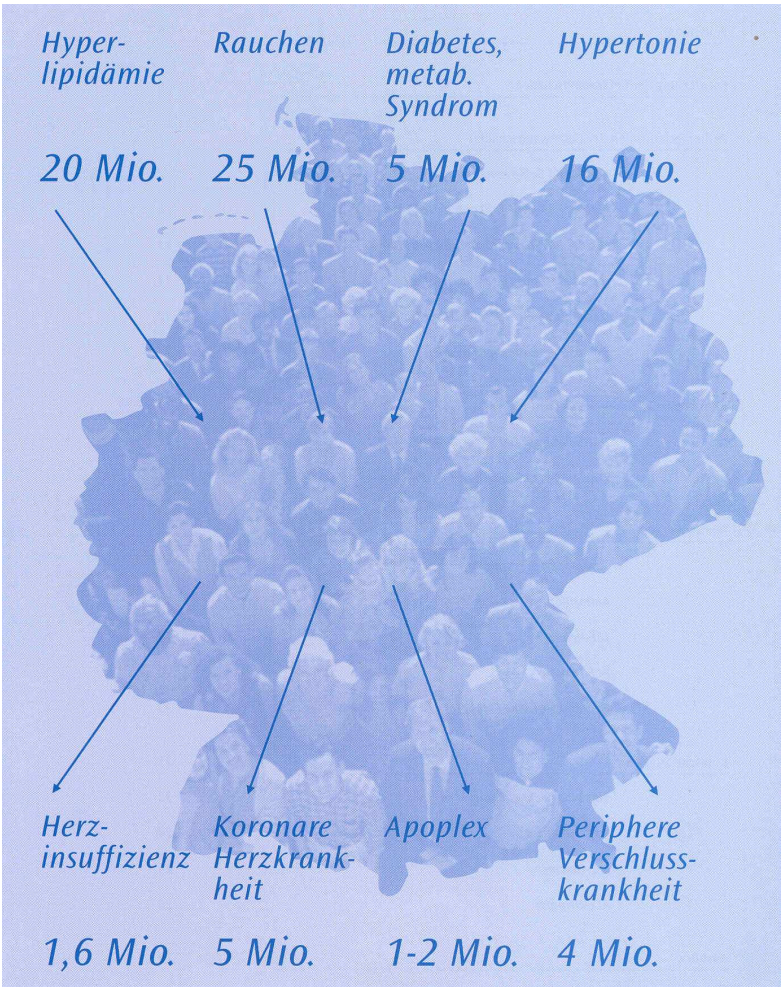
There comes a time when execution
is more important than theory.

Go on. Be a Tiger.

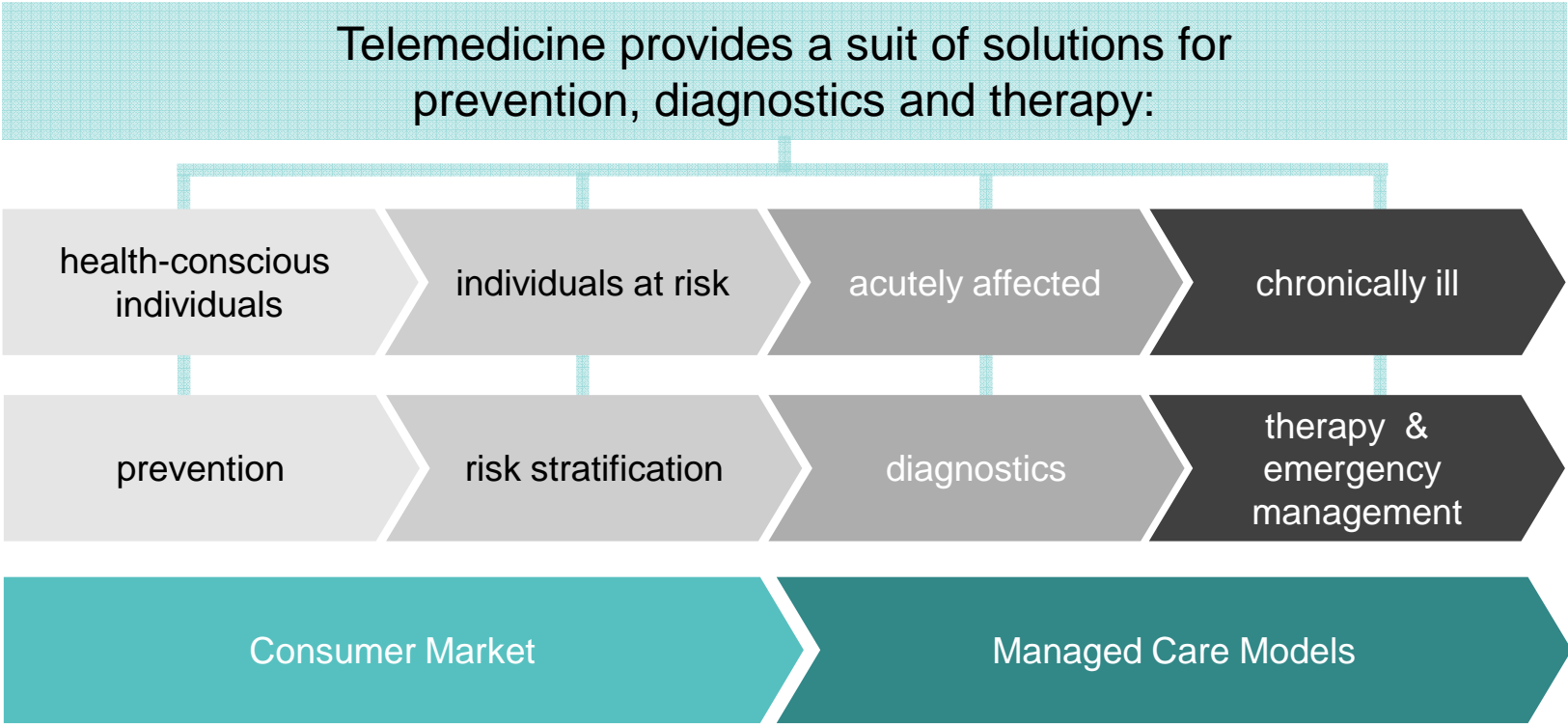
When all the theorizing ends, a high performer knows you either deliver or you go home. By enhancing your executional skills, Accenture can help your business become a high-performance business. For more on our consulting, technology and outsourcing services, visit accenture.com

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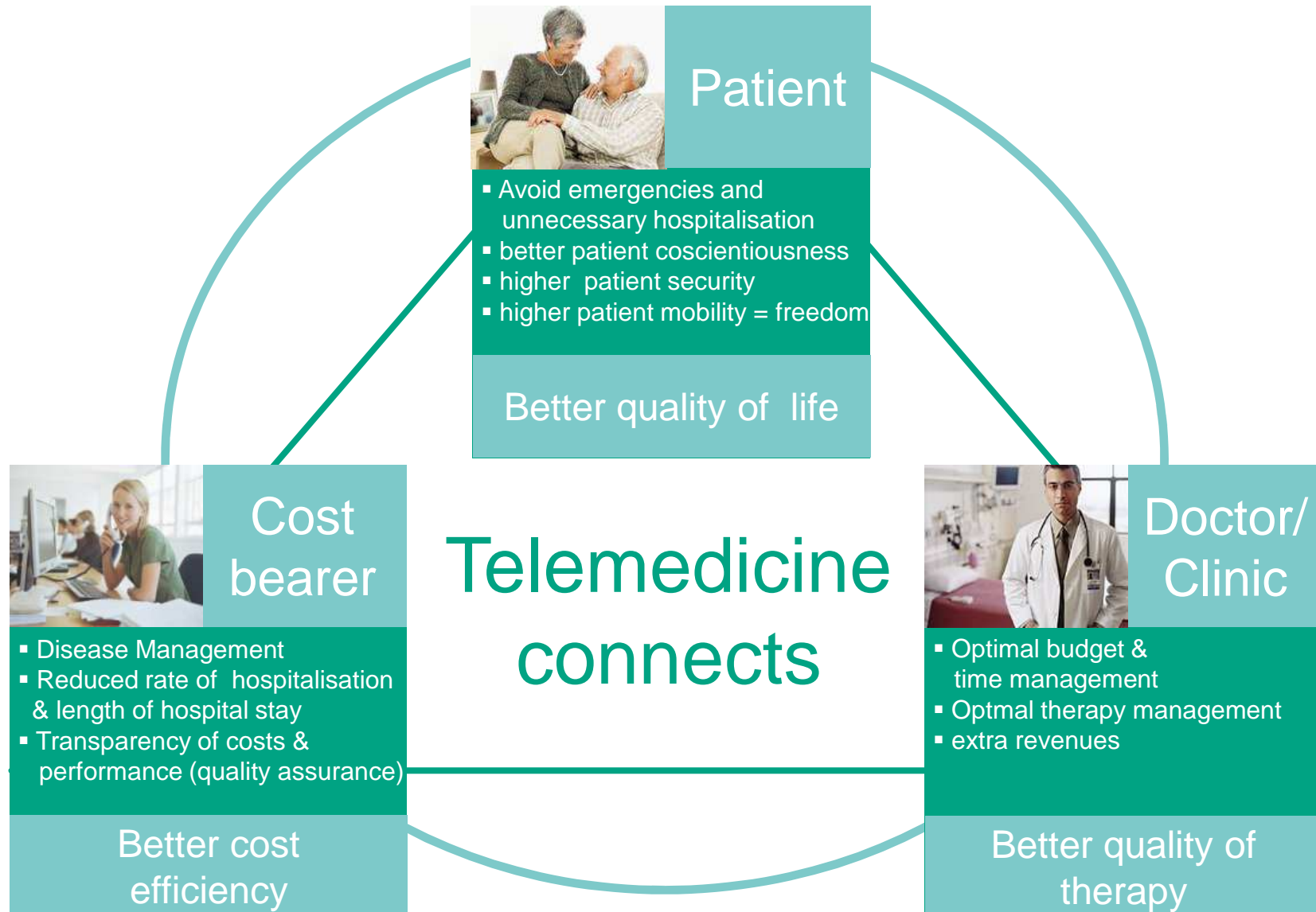
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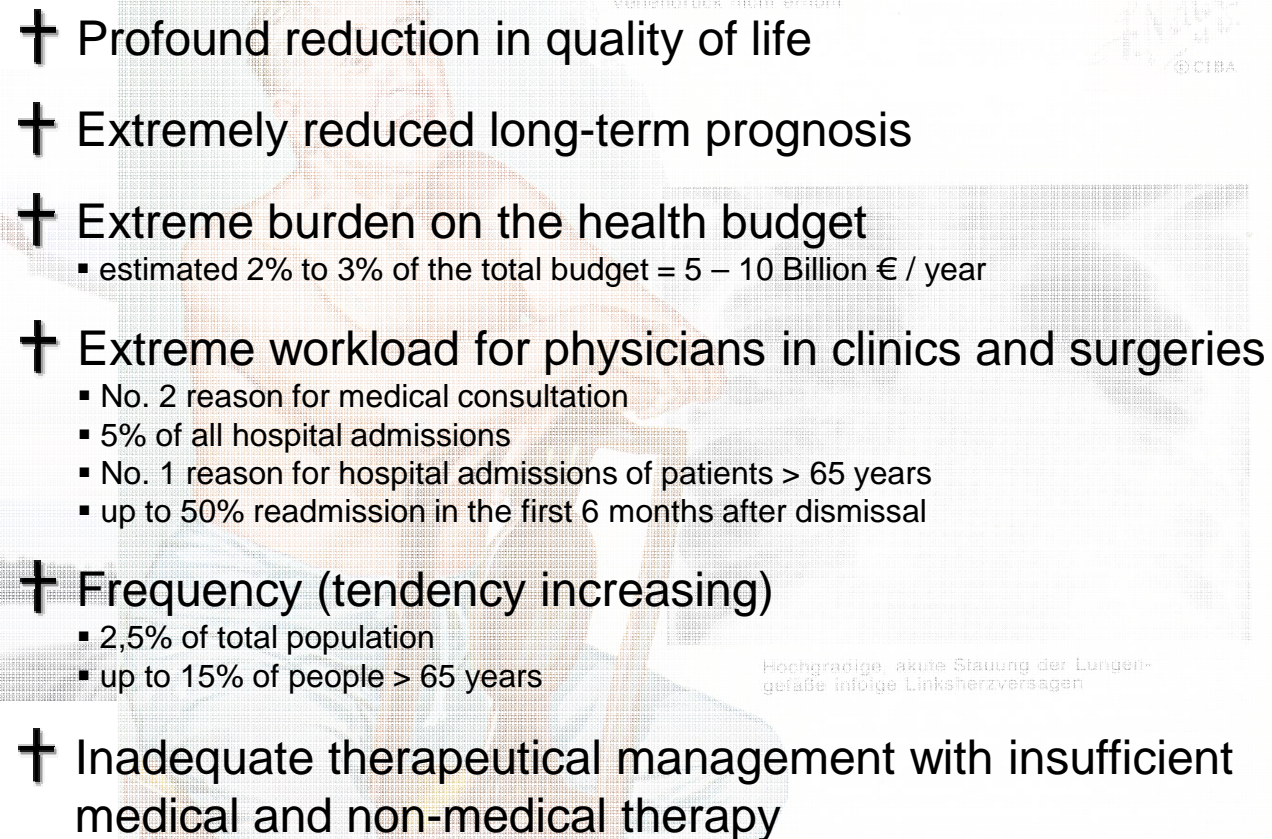




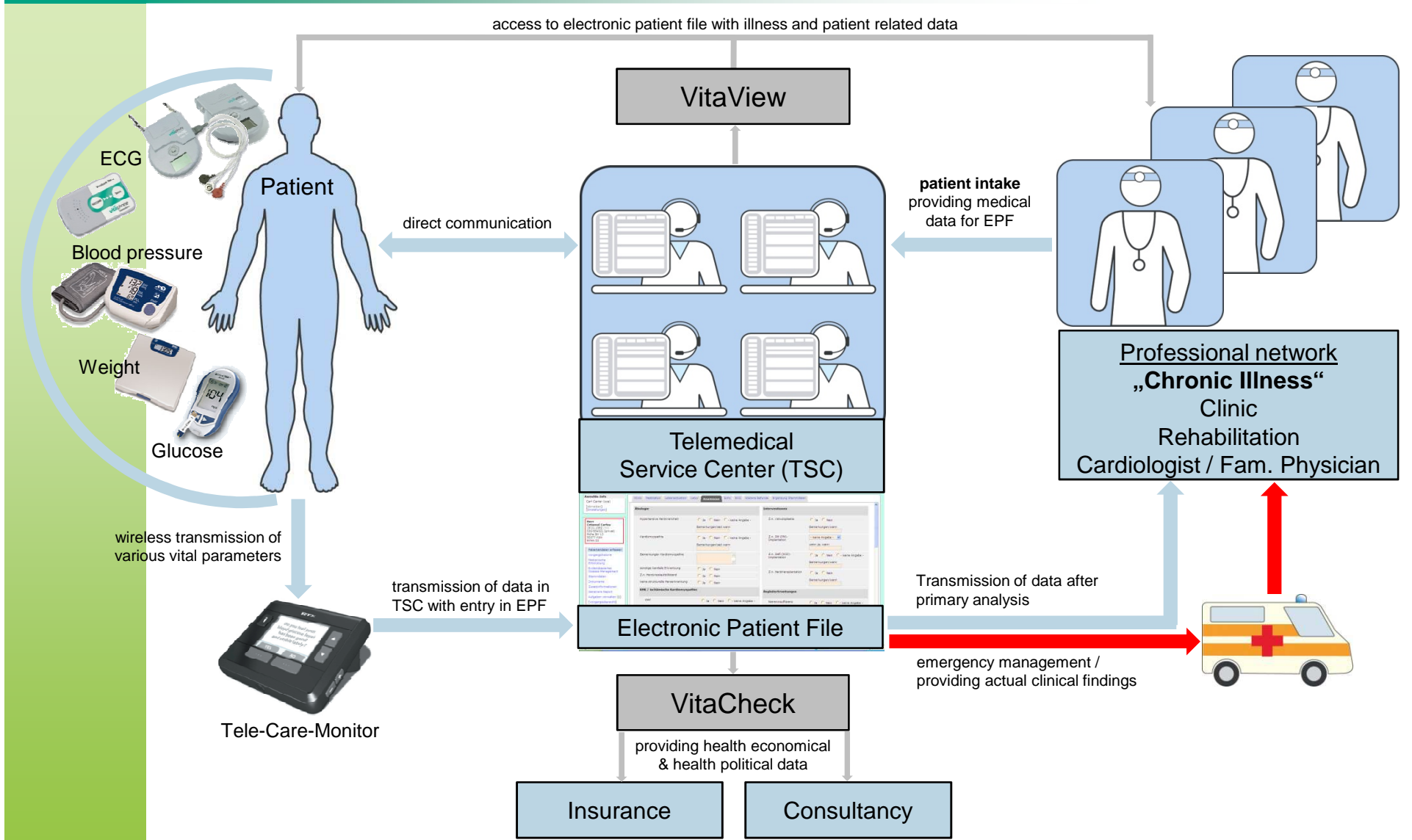


Telemedicine connects – everyone benefits!



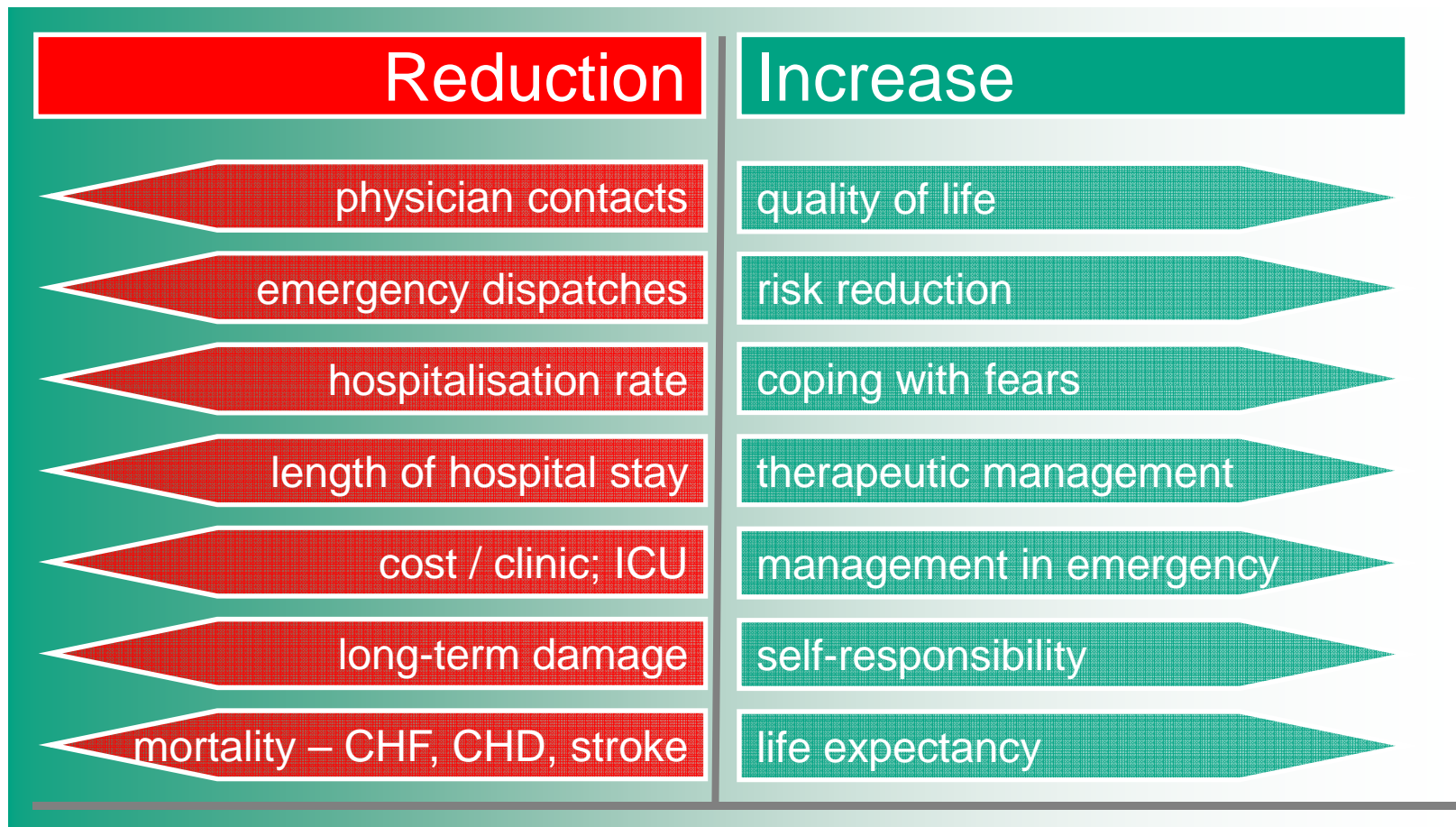
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- † Profound reduction in quality of life
 - † Extremely reduced long-term prognosis
 - † Extreme burden on the health budget
 - estimated 2% to 3% of the total budget = 5 – 10 Billion € / year
 - † Extreme workload for physicians in clinics and surgeries
 - No. 2 reason for medical consultation
 - 5% of all hospital admissions
 - No. 1 reason for hospital admissions of patients > 65 years
 - up to 50% readmission in the first 6 months after dismissal
 - † Frequency (tendency increasing)
 - 2,5% of total population
 - up to 15% of people > 65 years
 - † Inadequate therapeutical management with insufficient medical and non-medical therapy

Integrated care model

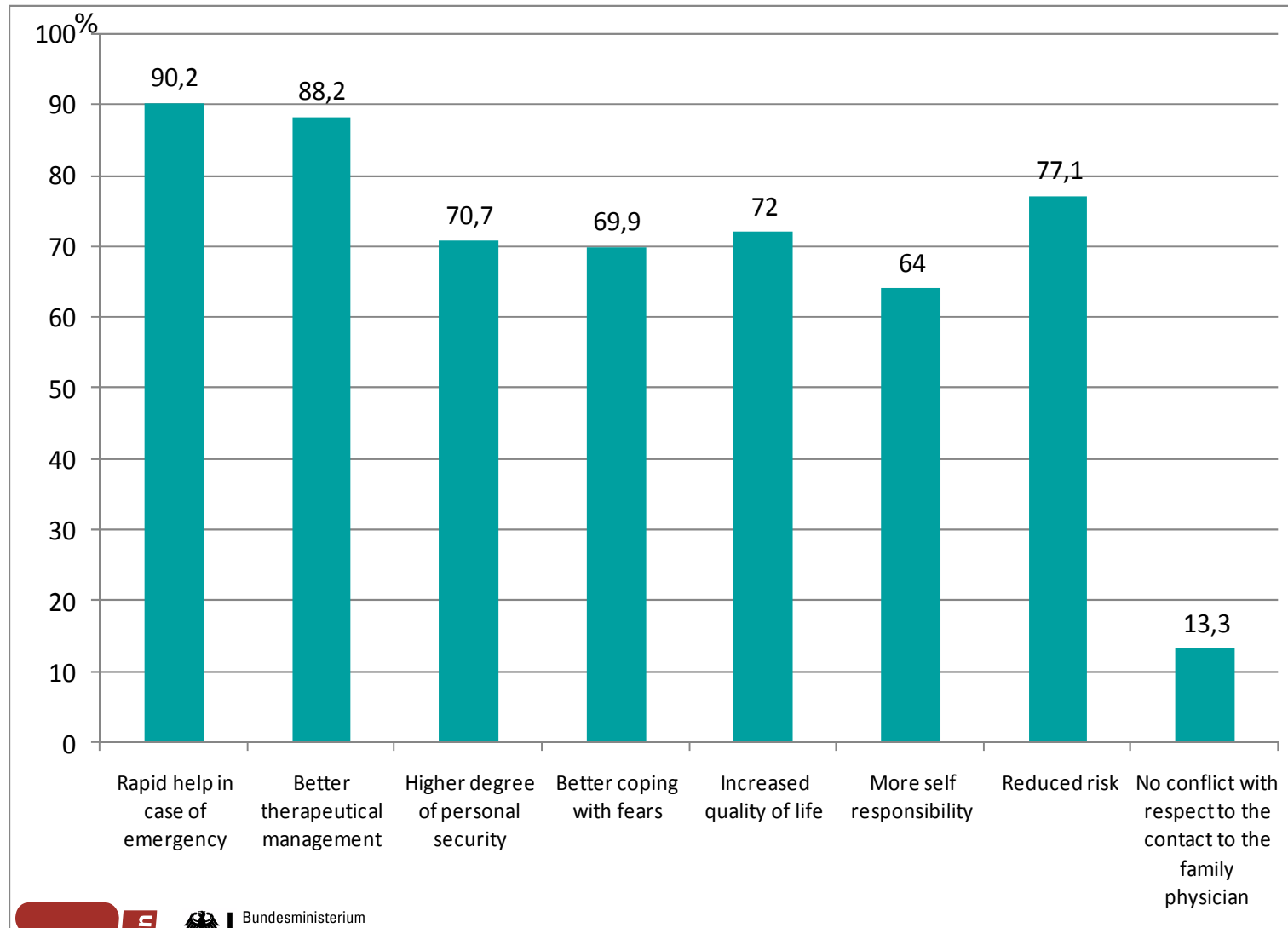


Telemedicine as information & service platform in integrated care models

Is medical quality improved by telemedicine?



Are telemedical services accepted by the patients?

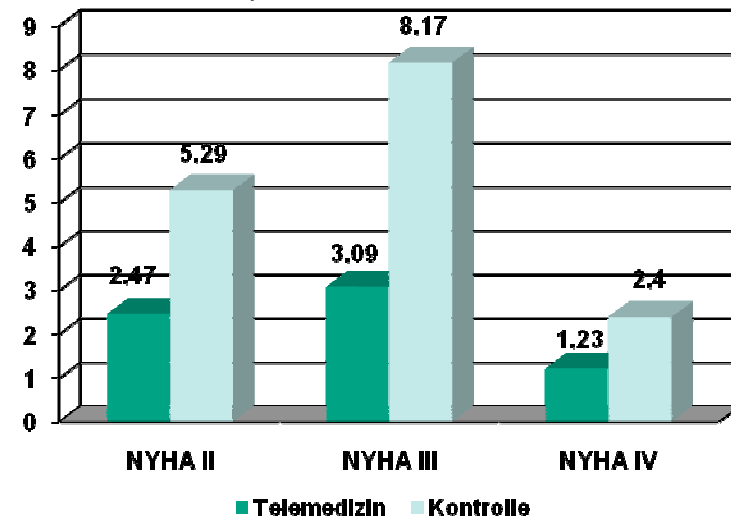


Better quality of healthcare, better quality of life, better cost management

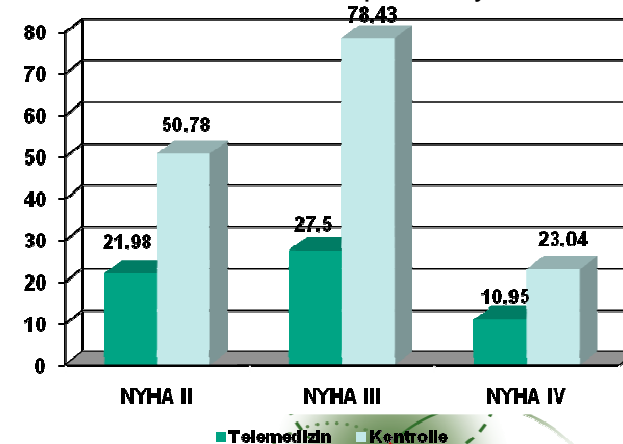
Cost parameter	Cost per event per cohort (€)	
	Standard	Tele-medicine
Gen. Practitioner visit	15,12	15,12
Specialist visit	17,57	17,57
Diagnostics	7,70	7,70
Medicaments	243,09	247,83
Stationary treatment incl. rehabilitation	5.873,50	2.738,61
Emergency	385,00	385,00
Unfitness for work	479,12	215,83
Monitoring (over 180 days)	0,00	687,21

Cohort	Success rate (%)	Effectiveness-adjusted costs (€)
Standard	0,586	6.397,00
Telemedicine	0,748	3.065,00

Fewer hospitalisations



Shorter hospital stays





Network thinking – joint action.

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Telemedicine