

THE FUTURE OF HOSPITALS AND HEALTHCARE

Innovation in hospitals and healthcare: the way forward

SWITZERLAND

at least 26 in 1

*no-one has ever said
that healthcare was
supposed to be easy*

*all those numerous
individualised innovations*

1: easier life for managers in patient-centred healthcare

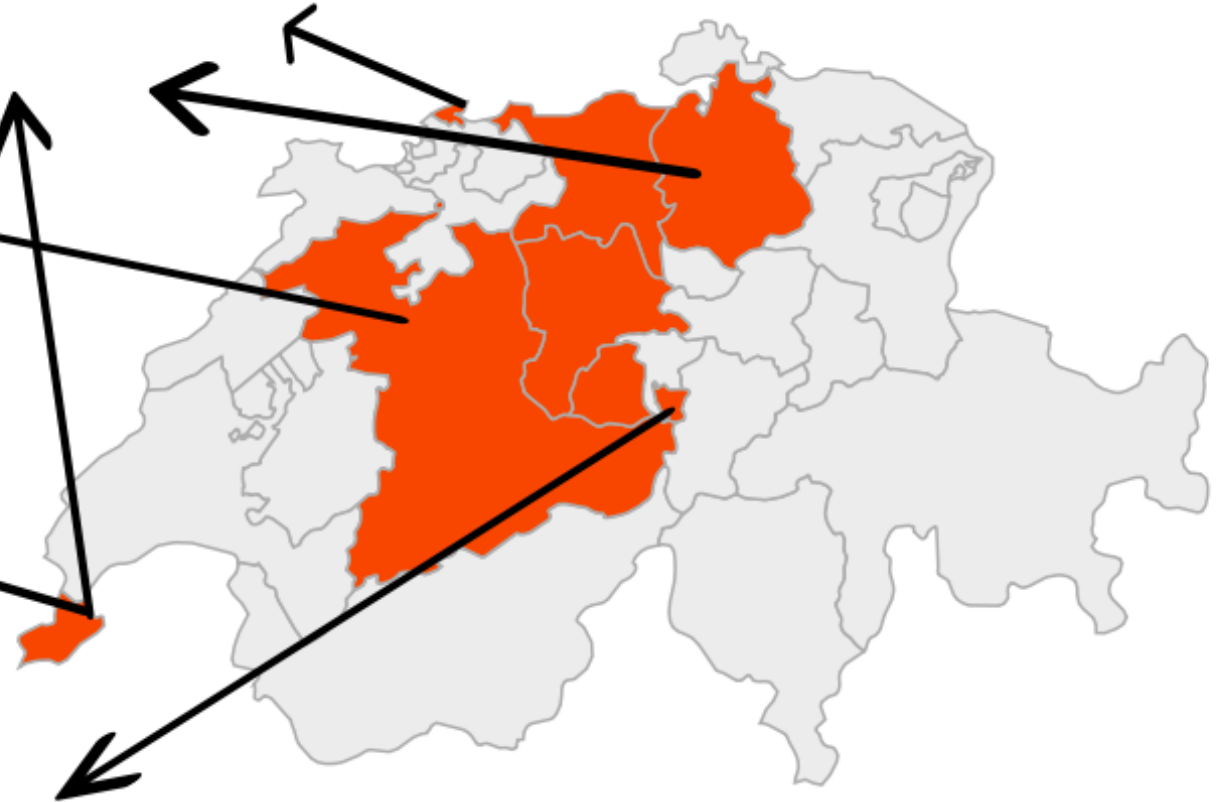
data cockpits & and big data presentation

2: a global village of healthcare for the patient and providers

internet-based network of healthcare

3: the safest place to get a heart attack

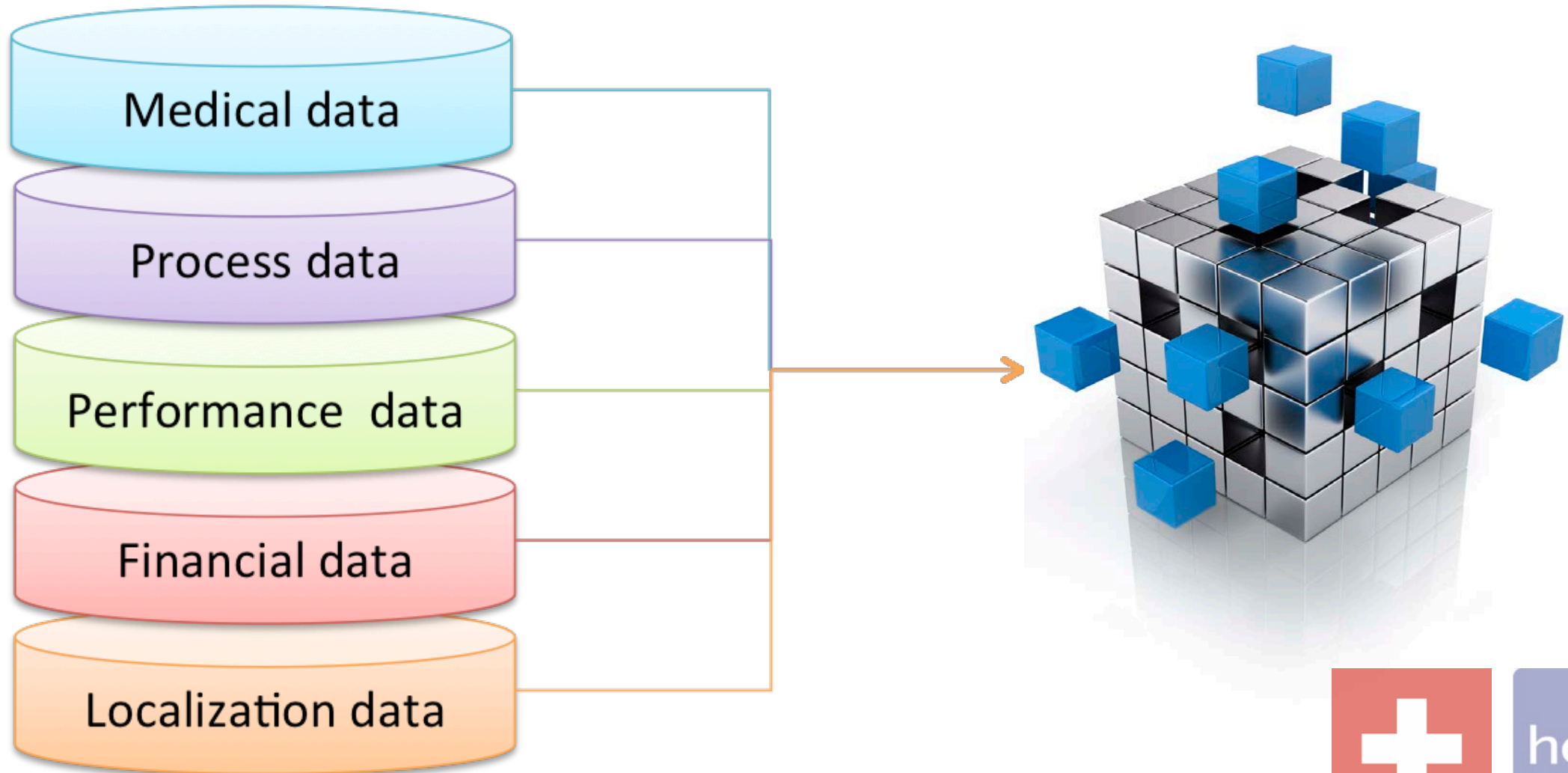
rapid responders



1. Data Cockpits & Big Data Presentation

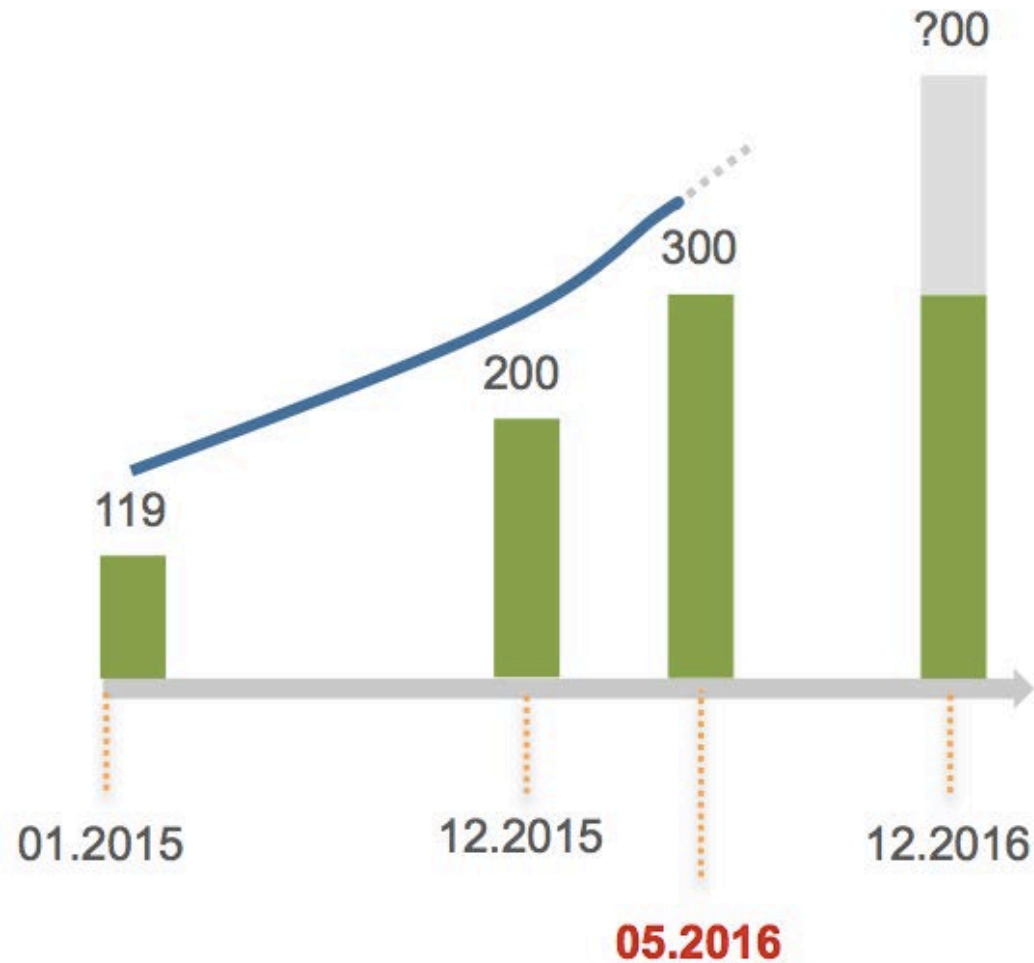


Combine and Integrate Data



Cockpits

- Multi-use cockpits
- Topics:
 - Finance
 - Quality of care
 - Safety
 - Processes
 - IT
 - Billing
- Visually intuitive and easy to use
- Informs decision making



Behandlungsqualität (USB-Zielwert: 60%)

"Wie würden Sie die Qualität der Behandlung, die Sie erhalten haben, beurteilen?"

XL

Prozent "ausgezeichnet"
(gemäss Filterauswahl)

53.0

Differenz zu Gesamt-USB 2015

-0.3

Differenz zu USB-Zielwert

-7.0

% "Ausgezeichnet" (USB-Zielwert: 60%)



Anzahl Antworten: 67104

Rückblick:

Wert 2015 (%):

53.3

Wert 2014:

52.5

Wiederkommen (USB-Zielwert: 80%)

"Würden Sie für dieselbe Erkrankung / eine Geburt wieder in unser Spital kommen?"

XL

Prozent "eindeutig ja"
(gemäss Filterauswahl)

68.8

Differenz zu Gesamt-USB

-1.0

Differenz zu USB-Zielwert

-11.2

% "Eindeutig ja" (USB-Zielwert: 80%)



Anzahl Antworten: 65882

Rückblick:

Ihr Wert 2015:

69.8

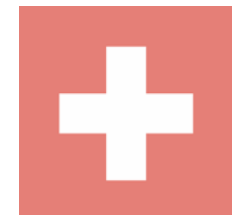
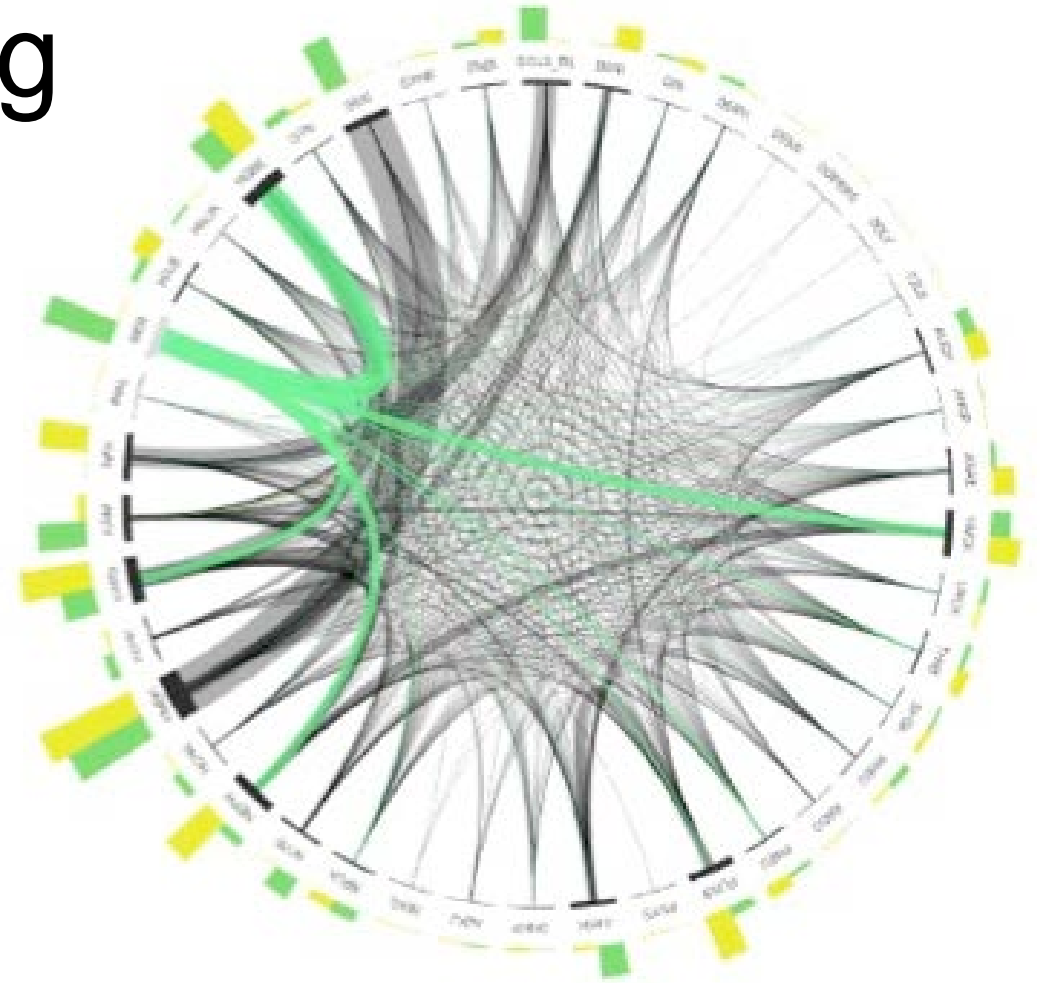
Ihr Wert 2014:

68.3



Data for Decision Making

- Show relationships and connections between the clinical departments; shows the network
- Visualise the movements of doctors and patients
- Make it graphical



Future Scenario Use

- Reconstruction
- New campus set up
- New facilities
- Leads to a patient-centred infrastructure
- Efficient and lean

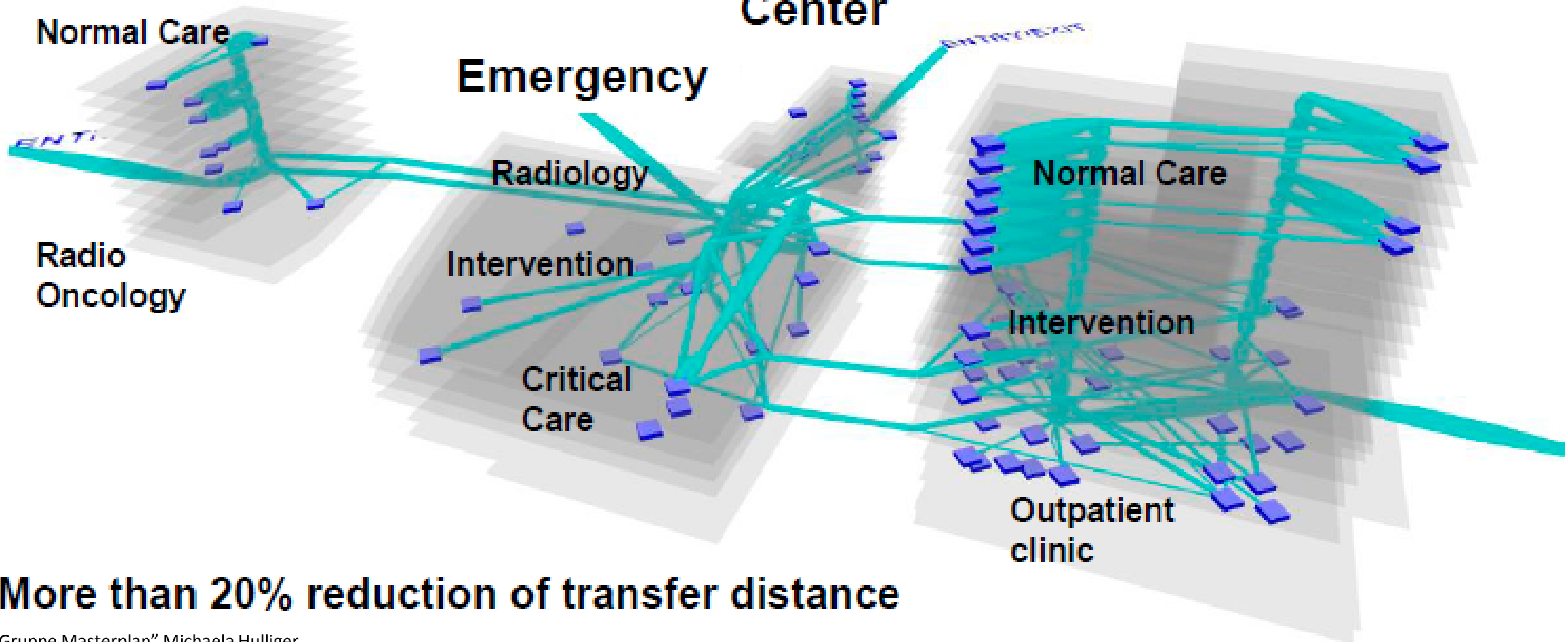


Cross-linked functions with optimized processes

Comprehensive Cancer Center

Neurological Center

Heart Center



More than 20% reduction of transfer distance

2.

Internet-based Network of Healthcare



share medical documents
in a secure manner
according to the patient's will

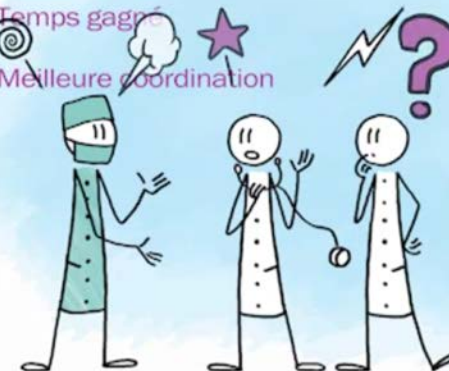


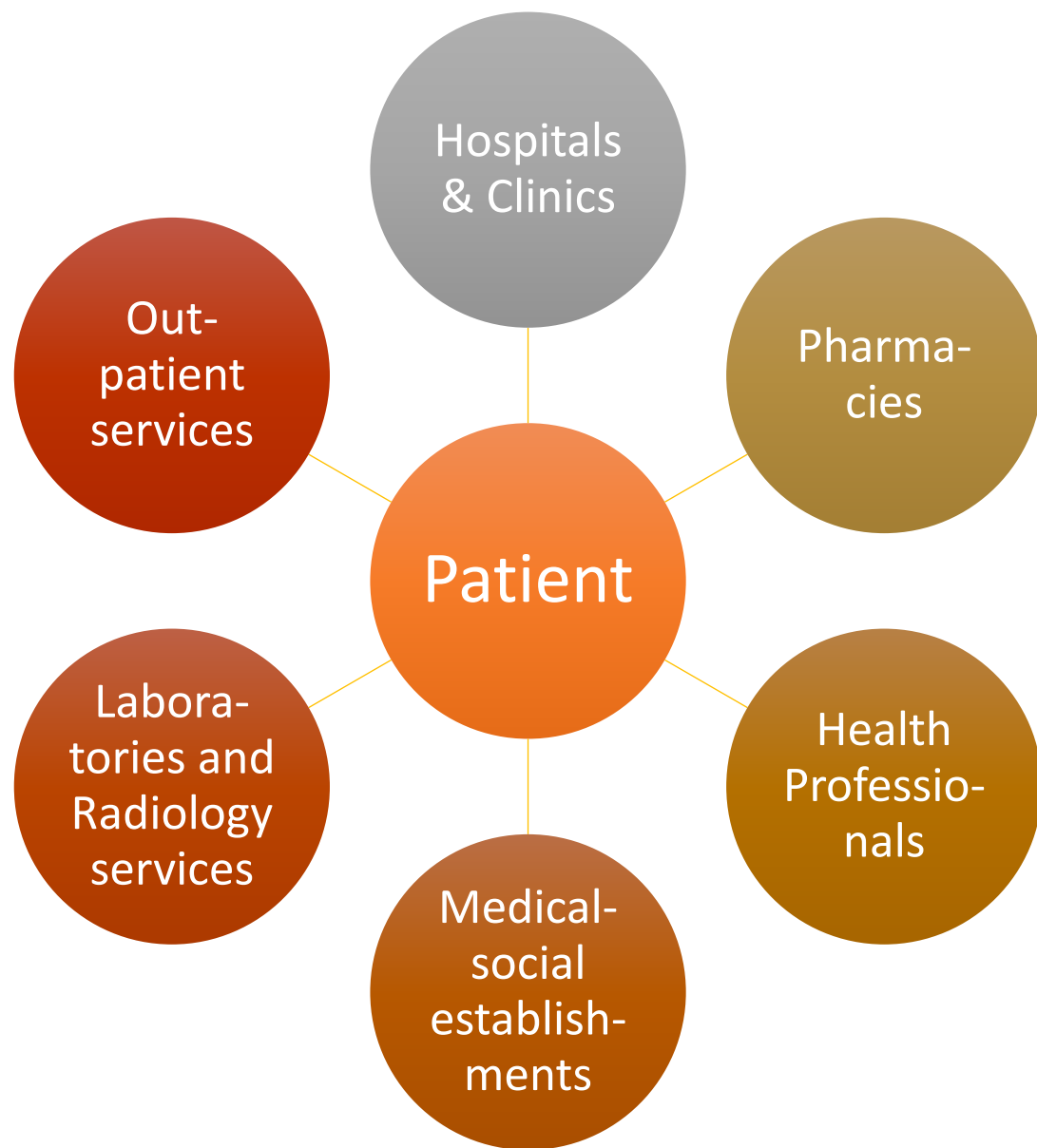
Mon Dossier Medical.ch



Résultats d'analyses
Traitements habituels
Suivi des rapports médicaux
Historique des interventions
Rapports radiologiques
Résultats d'autres examens

- ✓ Moins d'erreurs
- ✓ Plus de sécurité
- ✓ Temps gagné
- ✓ Meilleure coordination





New services in development:

- Multi-disciplinary care plans
- Integration of vaccination and allergies
- Integration of advance directives
- Possibility to indicate organ donation



3.

Rapid Responders

Rapid Response



- Limited accessibility in rural Swiss regions
- Collaboration between healthcare and local communities
- **Life-saving solutions**



Everyone can be a Rapid Responder



Life-saving Solution



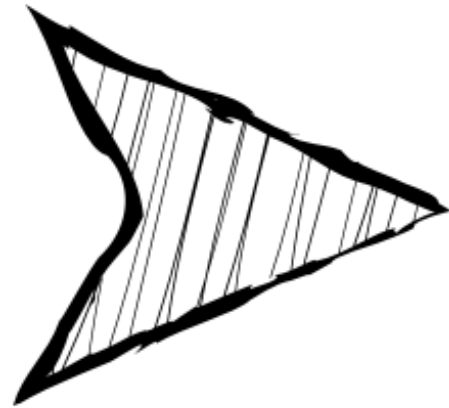
- Empowering local communities
- Multi-generational education



*Data cockpits & big data
presentation*

*Internet-based network of
healthcare*

Rapid responders



Thank you!

Wouter Reepmaker
Rebecca Griffiths
Marie-Helene Roux
Katarina Jonasson
Gemma Montero
Ana Isabel Hijas
Gerd Koorits
Kadri Englas

– the Netherlands
– United Kingdom
– France
– Sweden
– Spain
– Spain
– Estonia
– Estonia

