

Swiss TPH



Swiss Tropical and Public Health Institute
Schweizerisches Tropen- und Public Health-Institut
Institut Tropical et de Santé Publique Suisse

Associated Institute of the University of Basel

Swiss Centre for International Health

Swiss TPH Spring Symposium 2018

Clinical Decision Support and Health Information Systems

Potential and Pitfalls of New Technology

Setting the stage

Martin Raab

Basel, 25th April 2018

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twitter 



Swiss TPH Spring Symposium 2018



Clinical Decision Support and Health Information Systems: Potential and Pitfalls

25 April, 2018, Basel, Switzerland



Analyse how digitalisation and technology progress can transform health services and systems :

- Patient management - electronic decision support systems
- Algorithm for diagnosis and treatment of patients
- Health information systems for monitoring and assessment
- Operational challenges and opportunities for health systems strengthening

Session 1: Clinical decision support and meaningful use





Enabling Better Decision-Making and Outcomes in the Clinic

Improving Diagnosis and Clinical Decision for Child Care

Ricardo Lampariello, Terre des hommes, Switzerland



Enhanced Clinical Outcomes and Disease Trend Monitoring

Abdullahi Belel, Adamawa Primary Health Care Authority, Nigeria



Improving Clinical Outcomes by an eHealth Powered Integrated Model of Care in SteM Cell Transplantation

Sabina de Geest, University of Basel Institute of Nursing, Switzerland



Researching New Approaches to Improved Care

Valerie D'Acremont, Swiss TPH

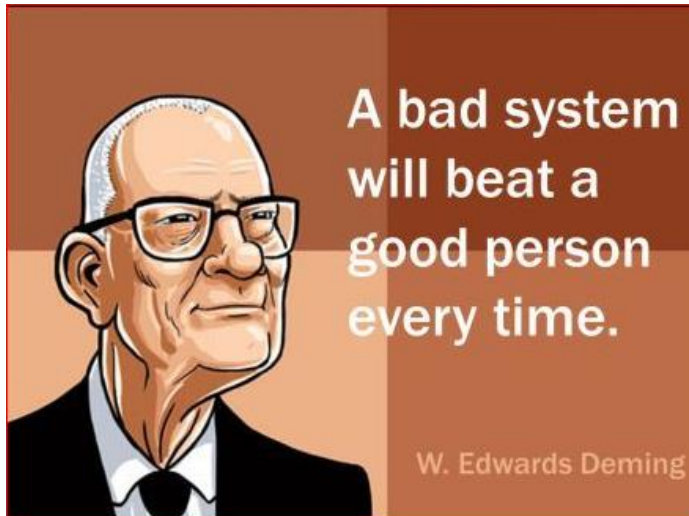


10.45 hours



20 minutes

Health Systems ...



**A GOOD SYSTEM
SHORTENS THE ROAD
TO THE GOAL**

ORISON SWETT MARDEN

GENERAL

POLICY

NATIONAL SYSTEM PRODUCTS

NATIONAL DATABASE

LAWYERS

LEGAL SYSTEM

CERTIFICATION

STANDARDS
QUALITY ASSURANCE

- Standards
- Best Therapies
- Markers to Measure Improvement
- Med Conflicts
- Genomics
- Open Source
- DRUG Reactions

FEEDBACK

RATINGS
★★★★★

COMMERCIAL SYSTEM/PRODUCT
ALGORITHMS

ADMINISTRATION

VENDORS

TAXONOMIES

CONSUMER DATABASES

- USER GROUPS
- WIKIS

What is NORMAL vs. ABNORMAL?

KNOWLEDGE

- ✓ COLLECTING
- ✓ ORGANIZING
- ✓ STORING
- ✓ DISTRIBUTING
- ✓ ADOPTION
- ✓ ASSESSMENT
- ✓ REFINING
- ✓ ADVANCING CARE - GUIDING KNOWLEDGE

WEB RESOURCES

- BLOGS
- WEBMD
- Google

PAYOR

EMPLOYER

PATIENT

CLINICIAN
DECISIONS

PRIMARY CONNECTION

PORTABLE ELECTRONIC DATABASE

- SMARTCARD?
- CHIP?
- DOG TAGS?
- MED BRACELET?

SIMPLE, LEGIBLE USER INTERFACE

- INFORMATION DESIGN
- CLEAN PRESENTATION
- TAILORED MESSAGING
- LISTS, ORDER SETS
- ALERTS

MARKETING

HUMAN & MACHINE READABLE

PRACTICE

SPECIFIC

Session 2

Enabling Better Decisions and Outcomes at Health Systems Level

Measuring Health Systems Strengthening
Luis Segura/Lise Beck, Swiss TPH



Powering Data Systems for Key Public Health Decisions
Don de Savigny, Swiss TPH



Context Adapted Approaches to Data Generation and Knowledge Production
Helena Greter, Swiss TPH



12.45 hours



14.00 hours



Session 3

Better Informed Decisions: Lessons Learned and Policy Recommendations

The State of eHealth in World Health Organization Member States

Adriana Velazquez Berumen, WHO, Switzerland



The Power of Data Aggregation and Visualisation Tools for Improved Decision Making

Koku Awoonor-Williams, Ghana Ministry of Health, Ghana



Bringing Digital Solutions to Scale: There Is No Such Thing as a Quick Fix

Sabine Renggli, Swiss TPH



15.10 hours

20 min discussion



.. Exchange of thoughts and ..



.. Closing words



15.45 hours Closing coffee gathering



16.30 hours farewell



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