Strengthening Health Systems By Scaling Innovation: IOM Workshop

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Access  
Quality  
Affordability
Health challenges…

- Non-communicable diseases
- Shifting demographics
- Infrastructure needs
- Lack of human capital

Provide opportunities…

- Innovative models of care
- Disruptive technologies
- Novel workforce development programs
Promising Health Innovations Globally

- **Grand-Aides**
  - Primary + chronic care by experienced lay-people

- **ClickMedix**
  - Tele-triage model of consultation

- **getwellnetwork**
  - Electronic patient wellness platform

- **North Star Alliance**
  - Network of mini-clinics in Africa in converted shipping containers

- **Emergency and non-emergency transport**

- **NCD and other interventions to elderly populations in Shanghai**

- **High-volume, low-cost heart surgery hospital**

- **Low-cost eye care delivery system**

- **Remote advice and mobile care solution**

- **Maternal and child healthcare service**

- **Tech-enabled TB solution for slums and rural areas**

- **Low-cost eye care solutions**

- **Midwife led, low-cost maternal care**

- **Low-cost general and community care**

- **Mobile-enabled rural care workers**

- **Low-cost hospital chain**

- **Micro-payments for maternal care**

- **Eye care in a bag: affordable exams and glasses**

- **Specialized kidney care**

- **Transport for rural workers in many African nations**

- **SMS based anti-counterfeit (Nigeria and other countries)**

- **Mobile based EMR platform**

- **Franchise network of nurse-led clinics**

- **Maternal clinics and mobile vans**

- **Micro-payments for maternal care**

- **Eye care in a bag: affordable exams and glasses**

- **Specialized kidney care**

- **Promising Health Innovations Globally**

- **Solar suitcases to aid maternal care in 11 countries in Africa**

- **Low-cost eye care solutions**

- **Remote triage/referral**

- **Specialized diabetes care via one-stop-shops**

- **Family planning and health education**

- **Network of 40 church-run primary care clinics**

- **Maternal care via mobile phones**

- **Online service for prescriptions**

- **Heartfile**
  - Health financing for most in need

- **Mobile-based EMR platform**

- **Franchise network of nurse-led clinics**

- **Emergency and non-emergency transport**

- **Low-cost general and community care**

- **Mobile-enabled rural care workers**

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- **Specialized kidney care**

- **Promising Health Innovations Globally**
Critical Success Factors: The “Secrets of Success”

- Get close to the patient (consumer) and follow their established behavior patterns
- Reinvent the delivery model by using proven technologies disruptively
- Confront professional assumptions and ‘right-skill’ the workforce
- Standardize operating procedures wherever possible
- Borrow someone else’s assets
Critical Gaps Inhibit Scale and Replication

- Knowledge and Networking
- Organizational Capacity
- Funding and Capital
- Ecosystem Factors
IPIHD aims to improve health worldwide by supporting the scale and impact of promising innovations.

**SOURCE**
Increase awareness of promising strategies to address health challenges by curating a network of innovations developed by enterprises from around the world.

**STRENGTHEN**
Increase the capacities of these innovative enterprises by providing key resources and connections.

**SPREAD**
Increase the scale of impact of these innovations by facilitating their adoption in new contexts.

**STUDY**
Increase knowledge and understanding of these innovations, by facilitating the development and dissemination of practitioner-focused insights and new evidence about their defining characteristics and their strategies to scale and/or replicate.
IPIHD brings together its innovators and supporters to share knowledge and collaborate on specific topics or issues. IPIHD’s current communities of practice include:

**Reverse Innovation Learning Group**
A forum for foundations, health systems leaders, and others working on reverse innovation to learn from and support one another

**Diabetes Working Group**
A forum for IPIHD innovators and supporters to share models and needs related to preventing, diagnosing, and managing diabetes

**SEAD**
An accelerator program available to IPIHD innovators, SEAD is USAID-funded Duke-wide program to strengthen the business capabilities and scaling strategies of entrepreneurs
IPIHD’s Early Impact

Inspired and supported new entrepreneurs

Catalyzed funding to scale impact

Facilitated strategic partnerships

Nurtured promising young innovators
PPP To Scale Innovation in Rwanda

One Family Health Rwanda:
Achievements and Challenges 2012
Summary

• Transformative innovations are necessary to address enduring, urgent challenges in health and healthcare globally

• Sharing lessons and insights across boundaries is necessary to scale and replicate solutions for maximum impact

• Organizations dedicated to systematically supporting innovation will be best positioned to define and shape future of health and healthcare