Collaborative effort for Evidence in eHealth in Asia (PANACeA)

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Roadmap

1. Background of PANACeA.
2. Introduction to Utilization focused Evaluation.
3. Experience of PANACeA formative network evaluation via Utilization Focused approach
PANACeA

• PAN Asian Collaboration for Evidence-based e-Health Adoption and Application
• IDRC funded – 4 years (2007-2011)
• Supporting 12 countries
• 10 Projects
• 7 Cross-cutting issues
<table>
<thead>
<tr>
<th>Projects</th>
<th>Partner Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Real-Time Bio-Surveillance Project</td>
<td><strong>Sri Lanka</strong>, India</td>
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<tr>
<td>Economic Evaluation Framework for Computerization of Hospitals</td>
<td><strong>Pakistan</strong>, Philippines, Afghanistan</td>
</tr>
<tr>
<td>Portable System for Telemedicine and Health Information in Rural and Remote Areas</td>
<td><strong>Malaysia</strong>, Nepal, Sri Lanka</td>
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<tr>
<td>Improving maternal health care services by using ICTs for remote consultation and education</td>
<td><strong>Mongolia</strong>, Philippines</td>
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<tr>
<td>A Framework To Identify Gaps In The Use of E-Health In Primary Health Care Settings</td>
<td><strong>India</strong>, Philippines, Pakistan</td>
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<tr>
<td>Exploratory Intervention Research on eHealth for the Visually Challenged</td>
<td><strong>Bangladesh</strong>, India, Philippines</td>
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<tr>
<td>Online TB Diagnostic Committees for Clinically Suspect Sputum Negative Patients in the TB-DOTS Program</td>
<td><strong>Philippines</strong>, Pakistan</td>
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<tr>
<td>A Systematic Review of Current ICT applications in Disasters: A potential for integrating Telehealth</td>
<td><strong>Indonesia</strong>, India, Philippines</td>
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<tr>
<td>Community-based eHealth Promotion for Safe Motherhood: Linking Community Maternal Health Needs with Health Services</td>
<td><strong>Philippines</strong>, Pakistan, Indonesia</td>
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PANACeA Formative Network Evaluation

- **Focus:** Network
- **Purpose:** Improve Networking and Knowledge Building
- **Approach:** UFE – Utilization Focused Evaluation

"Utilization-focused program evaluation is evaluation done for and with specific intended primary users for specific, intended uses."

*(Patton, M. Q. 2008)*
Utilization Focused Evaluation

Steps for PANACeA Network Evaluation

1. Program’s readiness assessment for evaluation
2. Evaluator readiness and capability assessment
3. Identification of primary intended users
4. Situational analysis
5. Identification of primary intended uses
6. Focusing the evaluation
7. Evaluation design
8. Simulation of uses
9. Data collection
10. Data Analysis
11. Facilitation of Usage

1) Knowledge Management
2) Capacity Building
3) Collaboration & Teamwork
## Category 1: “Collaboration and Teamwork”

<table>
<thead>
<tr>
<th>Major strengths</th>
<th>Challenges</th>
<th>Suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diversity</td>
<td>Members’ different level of understanding</td>
<td>Involve institutions rather than individuals</td>
</tr>
<tr>
<td>Mentorship model</td>
<td>Members’ different level of participation</td>
<td>Formalize the approach</td>
</tr>
<tr>
<td>Collaboration among members</td>
<td>Geographical distance</td>
<td>Decrease hierarchical structure</td>
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<tr>
<td>Common goals</td>
<td>Time zone differences</td>
<td>Adherence to deadline</td>
</tr>
<tr>
<td>Provision of expenses and technical support</td>
<td></td>
<td>Individualize financial and admin reporting</td>
</tr>
<tr>
<td>Interaction, equal opportunity, sharing</td>
<td></td>
<td>Involve multi stakeholders</td>
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</tbody>
</table>
## Category 2: “Capacity Building”

<table>
<thead>
<tr>
<th>Major strengths</th>
<th>Outcomes of Capacity Building</th>
<th>Suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provision of human, material and monetary resources</td>
<td>Enhanced eHealth infrastructure</td>
<td>Increase administrative and financial support</td>
</tr>
<tr>
<td>Provision of mentors, courses, workshops and trainings</td>
<td>Successful implementation of projects</td>
<td>Increase time and frequency of sessions and trainings</td>
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<tr>
<td>Collective learning and sharing</td>
<td>Increased knowledge and awareness of eHealth in countries</td>
<td>Provide ground level training</td>
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</tbody>
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## Category 3: “Knowledge Management”

<table>
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<tr>
<th>Major strengths</th>
<th>Outcomes</th>
<th>Suggestions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dissemination capacity building</td>
<td>Dissemination of PANACeA research</td>
<td>Conduct focused dissemination</td>
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<tr>
<td>Info and encouragement for dissemination</td>
<td>Access to literary resources and relevant professionals, institutions, and officials.</td>
<td>Better marketing strategies</td>
</tr>
<tr>
<td>Provision of expenses to attend and present in international conferences.</td>
<td>Enhancement of eHealth in institutions of Afghanistan, India and Philippines</td>
<td>Collaborate with policy makers, NGOs &amp; institutions</td>
</tr>
<tr>
<td>Dissemination modes: website, newsletter, brochure, seminars, conferences, meetings, digital story, field visits.</td>
<td>Initiation of eHealth Association of Pakistan</td>
<td>Identify funding sources</td>
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</tbody>
</table>
Example of Findings

Strengths of PANACeA Network

Capacity building of members

Diversity

- Diverse perspective
- Different organizations
- Different expertise & experience
- Multi country approach
- Focus on developing countries

Supervision of mentors

Collaboration among members

Interpersonal relations among members

Open communication & interaction

Collective learning and sharing

Participation of members

Future benefits

- Transparency
- Democratic approach
- Comprehensive research
- Motivation for other members

- Pool of potential future collaborators
- Recommendation for future network

Work for common goal
Utilization Focused Evaluation

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Conclusion

• This specialized and systematic approach of identifying and involving primary intended users have built a sense of ownership and responsibility in our users for this evaluation.

• This makes us confident that the evaluation process and findings would not just be confined in reports rather, would be converted into actions to bring improvement in the PANACeA network.
Acknowledgement

• PANACeA team
• IDRC
• Mentor: Chelladurai Solomon

Reference

Thank you