Improving data for cervical cancer programming

Tools for supporting improved decision making

Leanne Riley, WHO

102M
Track 4
Rational

The need

A global absence of standardized tools and guidance, technical expertise, and implementation support for countries that are seeking to collect and use high-quality data to monitor, evaluate, and improve their screening and treatment programs.

Goal

To improve and accelerate the availability of data for planning and improving global cervical cancer programs by gathering information on data systems at country level, and by developing global standards, tools, and guidance.
The IDCCP toolkit: *An integrated toolkit to access CaCx Program data through the entire CaCx continuum of care*

**Facilitators and Barriers to Care**
- Knowledge, Awareness, Beliefs (CCDSA, PSCC and FSCC)
- Access to Services (CCDSA, FSCC)

**Clinical Services for Cervical Cancer**
- Primary Prevention (CCDSA, PSCC)
- Secondary Prevention (Full IDCCP Toolkit)
- Cancer Treatment (CCDSA, C4P-ST)
- Palliative Care (CCDSA, C4P-ST)

**Measures of Health Impact**
- Cervical cancer incidence rate
- Stage of cancer at first diagnosis
- Mortality rate from cervical cancer (CCDSA)
The IDCCP Toolkit Components

**TOOLKIT PART 1**: Rapid Situational Assessment of Cervical Cancer Data and Data Systems

**TOOLKIT PART 2**: Population-based Survey Modules for Cervical Cancer

**TOOLKIT PART 4**: Facility-based Surveys for Cervical Cancer

**TOOLKIT PART 3**: Cervical Cancer Patient and Program Monitoring

**TOOLKIT PART 5**: Cervical Cancer Prevention and Control Screening and Treatment Costing Tool

Web-based Knowledge Management and Data Platform

Patient Outcomes Evaluation Protocol
Product development and consortium Partners

1. Data Systems Assessment Implementation (Botswana, Kenya, Zambia, Ethiopia, and Guatemala)
   - CDC Division of Global HIV/AIDS and TB

2. Development of the IDCCP Toolkit
   - Part 1: Data Systems Assessment
     - CDC Division of Global HIV/AIDS and TB
   - Part 2: Population-based Survey Modules
     - CDC Division of Cancer Prevention and Control
   - Part 3: Facility-based Surveys
     - CDC Division of Global HIV/AIDS and TB
   - Part 4: Patient and Program Monitoring
     - CDC Division of Global HIV/AIDS and TB
   - Part 5: Program Costing
     - George W. Bush Institute
     - World Health Organization

3. Development of Products for Targeted Dissemination
   - Web-based Knowledge Management
   - George W. Bush Institute
   - Outcomes Evaluation Protocol
   - CDC Division of Global HIV/AIDS and TB
   - World Health Organization

4. Coordination
   - George W. Bush Institute
   - World Health Organization
## Toolkit components

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| **Rapid situational assessment of cervical cancer data and data systems (CCDSA)** <br> *Lead: CDC/DGHA* <br> *With the contribution of Indiana University –Cervical Cancer Project Team* | The CCDSA component assists low-and middle-income countries to assess their data systems by:  
- Documenting the country landscape of cervical cancer screening and treatment programmes;  
- Assessing existing data and data systems relevant to cervical cancer within the country context, in terms of readiness and strategic opportunities for future strengthening activities; and  
- Providing country-specific recommendations to inform the implementation of high-quality monitoring, evaluation, and surveillance systems for cervical cancer screening and treatment. |
| **Population-based Survey modules for Cervical Cancer (PSCC)** <br> *Lead: CDC/DCPC* <br> *With the collaboration of John Snow Inc.* | The PSCC modules is designed to assist low-and middle-income countries to monitor key indicators and measures of cervical cancer screening and treatment including:  
- Screening prevalence,  
- Follow-up and treatment of precancer,  
- HPV vaccination,  
- Knowledge and awareness, and  
- Barriers and facilitators to screening. |
## Toolkit components

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<td><strong>Cervical cancer Patient and Programme Monitoring (CCPPM)</strong>&lt;br&gt;&lt;br&gt;<em>Lead: CDC/DGHA and WHO&lt;br&gt;With the contribution of International Agency for Research on Cancer (IARC)</em></td>
<td>The CCPPM assists Governments and their partners to choose, collect, systematically analyse and use data to&lt;br&gt;- Better plan, target, tailor, and scale interventions,&lt;br&gt;- Assess whether programmes are being implemented with quality, and&lt;br&gt;- Respond effectively when they are not implemented as planned.</td>
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<td><strong>Facility-based surveys for cervical cancer (FSCC)</strong>&lt;br&gt;&lt;br&gt;<em>Lead: CDC/DGHA&lt;br&gt;With the contribution of Jhpiego, Basic Health International</em></td>
<td>The FBS module assists facility administrators and providers in monitoring and improving cervical cancer prevention services by:&lt;br&gt;- Determining service availability,&lt;br&gt;- Assessing facility readiness,&lt;br&gt;- And improving quality of services through supportive supervision.</td>
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<td><strong>Comprehensive Cervical Cancer Costing and Planning for Screening and Treatment (C4P) User Manual</strong>&lt;br&gt;&lt;br&gt;<em>Lead: WHO and George W. Bush Institute&lt;br&gt;With the contribution of Southern Methodist University</em></td>
<td>The C4P tool assists governments to estimate the costs of cervical cancer interventions and activities. Its purpose will vary depending on the screening and treatment methods chosen. This includes among others:&lt;br&gt;- Micro-planning;&lt;br&gt;- Training;&lt;br&gt;- Communication;&lt;br&gt;- Service Delivery;&lt;br&gt;- Monitoring and Evaluation;&lt;br&gt;- Supervision; and&lt;br&gt;- Waste management.</td>
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The IDCCP toolkit: A flexible toolkit to support CaCx Program development and monitoring and evaluation

Part 1: Data Systems Assessment

Part 2: Population-Based Survey

Part 3: Patient & Program Monitoring

Part 4: Facility-Based Surveys

Part 5: Costing & Planning

Intersections between components are highlighted throughout the IDCCP Toolkit.
April – December, 2015
Toolkit development
• Baseline situational assessments completed
• Development of tools and guiding information
• Global consultation
• Cognitive and Field testing

January – June, 2016
Toolkit refinement
• Partner workshop
• WHO and CDC review process

July – December, 2016
Robust Awareness Generation and Active Dissemination
• Stop Cervical Cancer in Africa (SCCA)
• Asia Pacific Economic Cooperation (APEC)
• World Cancer Congress (WCC)
• Targeted Technical Assistance for Adaptation and Uptake
The ICDDP Toolkit: *easy tools to adapt and integrate in existing national health surveillance systems*

• Uptake, adaptation, and implementation of the IDCCP toolkit:
  • Implementation of the **Data Systems Assessment**
  • Inclusion of the Population-based Survey modules in national surveys such as **Demographic and Health Surveys**, and **Population-based HIV Impact Assessments**.
  • **Incorporation of the core indicators** of the Patient and Program Monitoring component into **existing monitoring systems** and strengthening of data visualization using the **DHIS2 sample module**.
  • Use of Facility-based Survey tools at **program baseline, during scale-up planning, and for ongoing supportive supervision and quality improvement**.
  • Inclusion of Cervical Cancer Prevention and Control Screening and Treatment Costing Tool as **part of strategic planning**.
• Leverage existing partnerships to ensure support for countries
Thanks for your attention

For further information: rileyl@who.int

worldcancercongress.org