Strengthening hospital level paediatric HIV care in Johannesburg: a quality improvement strategy

Best Practices and Innovations Meeting
2nd November 2017

Dr Carol Tait
Anova Health Institute

on behalf of
Paediatric and Adolescent Scale-up Project Team members
Dr Jackie Dunlop (Right to Care) and Ms Dolly Sekwakwa (Wits RHI)
Background

• Johannesburg's Paediatric and Adolescent Scale-up Project
  • DoH and Partner collaboration
  • Supporting 909090 in children and adolescents

Performance has a significant impact on District performance

Less involved in routine District/sub-district activities

Support more focussed on PHC level

Contributing to paediatric programme gaps

Implemented a Hospital Strategy in Johannesburg
Data Methods

Hospital Forum

Hospitals, District/Prov, DCST, Partners
Baseline data reviewed – support needs identified
Best practices identified
DHIS/NHLS/Tier.net

Hospital Strategy

Individual support
Partner and DoH at hospital level
Data Methods

Hospital Strategy

Forum meetings structured around different programme areas and topics
- Data
- Current practice
- Best practices
- Action steps

Follow-up
- In-between meetings
- Progress reviewed at subsequent meeting

Measures
- Birth testing
- Linkage to care
- Use of Tier.net
- Testing older children
- Hospital report backs

Individual support
# Key Results

<table>
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<tr>
<th>Area</th>
<th>Outcome</th>
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<tr>
<td>Gaps identified at hospitals</td>
<td>• Birth HIV-PCR: uptake, recording/reporting</td>
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<td>• HIV-PCR positive infants: linkage to care</td>
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<td>• Older children: Testing and treatment, including recording and reporting</td>
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<tr>
<td>Forum</td>
<td>Created platform for engagement and follow-up</td>
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<td>Forum meetings</td>
<td>3 meetings – June, July, September 16</td>
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<td>Additional - July 17</td>
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<td>Good representation</td>
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<tr>
<td>Data management</td>
<td>Identified as main improvement area</td>
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<td>Increased understanding around these</td>
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Key Results: Birth testing

Birth HIV-PCR Uptake Johannesburg
July 2015- June 2017
(DHIS)

Birth HIV test done
Live births to HIV positive women

Baseline
Hospital forum
Intensify individual support

Birth HIV-PCR reported uptake improved from 20.2% to 105.3%
Key Results: Testing in older children

- HIV testing reported: 
  Increased from 57 to 648/quarter (> 10 X increase)

- HIV test positive reported: 
  Increased from 11 to 52/quarter (5X increase)
Hospital HIV-PCR Linkage support Johannesburg
July 2016 - March 2017
(NHLS, Project data)

Key Results: Linkage to care

Results for Action Positive: 33.33%, 72.37%, 70.31%, 77.63%
Key Results: HIV-positive Baby Tool

HIV-Positive Baby Tool Completion Johannesburg
June 16 – May 17

Intensify individual support

Hospital forum

JHB Clinics Forms Analysis
JHB Hospitals Forms Analysis
## Conclusions and Recommendations

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<th>Successfully created platform</th>
<th>• For engagement and improvement activities with role-players</th>
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<td>Data review</td>
<td>• Prior to and during the process focused solutions on major problem areas</td>
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<td>QI approach</td>
<td>• Including presentation of current best practices, made the solutions specific and achievable</td>
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<td>Hospital level support and champion</td>
<td>• Very important to continue momentum</td>
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<tr>
<td>Data management</td>
<td>• Major gap identified</td>
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## Conclusions and Recommendations

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<th>Adaptable</th>
<th>• Existing teams from partners and DoH created forum</th>
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<td>Maintain improvements</td>
<td>• Ongoing engagements and hospital level support needed</td>
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<tr>
<td>Recommendations</td>
<td>• Implement in other Districts who are experiencing similar gaps</td>
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Take away messages

- Hospitals are not always supported in the way that PHC facilities are, and less involved in routine District or programme engagements.
- Data management particularly can be an area for improvement at hospital level – improvement at hospitals can have a significant effect on District performance.
- A Hospital Strategy, consisting of forum meetings plus individual support can be successful to bring about improvement.
Acknowledgements

- DoH and Partner collaborators
- Implementing team members
- Dr Mabitsi and Prof Peters