Innovative Use of the Omaha System at the Community Level

Omaha System International Conference 2013

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Obesity is a Multifaceted Problem

- Requires multifaceted interventions
  - Individual Level
  - Systems Level
    - Schools
    - Worksites
    - Communities
    - Health Care Settings

- Can the Omaha System capture systems level interventions?
3 Standards

* Institute for Clinical Systems Improvement (ICSI)
  * Prevention and Management of Obesity Guideline
  * Evidence-based practice

* 5 As Systems-Level Framework
  * Ask, Advise, Assess, Assist, Arrange
  * Glasgow, et al.

* Omaha System
  * Community level modifier – PHN practice
  * Health care supervision problem
  * Documentation of interventions
  * Measurement of community level outcomes
Health Care Supervision

Management of the health care treatment by health care providers.

Health Care Setting as Client Interpretation:
- Management of the health care treatment by health care providers via implementation of evidence-based guidelines.

Sign/symptom:
- inadequate treatment plan
## Health Care Supervision Care Plan

<table>
<thead>
<tr>
<th>Category</th>
<th>Target</th>
<th>Care Description Note followed by PHDoc Answer Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surv</td>
<td>Screening Procedures</td>
<td><strong>Evidence-based guideline (EBG) knowledge and practice:</strong> organizational/clinician surveys, chart audits, action plan, progress reports, patient surveys, other(^1,5)</td>
</tr>
<tr>
<td>TGC</td>
<td>Screening Procedures</td>
<td><strong>EBG knowledge and practice:</strong> organizational/clinician surveys, chart audits, action plan, progress reports, patient surveys, other(^1,5)</td>
</tr>
<tr>
<td>TGC</td>
<td>Wellness</td>
<td><strong>EBG information/resources/tools:</strong> face-to-face, webinar, conference call, consult, resources, tools, other(^2,4)</td>
</tr>
<tr>
<td>Surv</td>
<td>Behavior Modification</td>
<td><strong>EBG readiness to change:</strong> organizational readiness to change, other(^3)</td>
</tr>
<tr>
<td>TGC</td>
<td>Behavior Modification</td>
<td><strong>EBG organizational change:</strong> culture of change, action plan, progress reports, explore supports, address barriers, other(^4)</td>
</tr>
<tr>
<td>TGC</td>
<td>Other Community Resources</td>
<td><strong>EBG community resources:</strong> collaborative, mini-grant, motivational interviewing, CDSMP, I CAN Prevent Diabetes, MNHelp.info, other(^4)</td>
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10 Community Partners

23 Health Care Settings:
- Migrant Health Service, Inc. = 9
- Federally Qualified Healthcare Center (FQHC) = 1
- Private Medical Clinics = 7
- Outpatient PT and OT = 2
- Local Public Health Agencies = 4
Intervention Data

- 646 interventions in original report
  - 66 were administrative tasks (removed)
- 580 interventions
  - Range = 7-70
  - Average = 52.7
Categories

- Teaching, guidance and counseling: 349
- Surveillance: 142
- Case management: 89
Targets

- Wellness: 189
- Behavior modification: 134
- Other community resources: 130
- Screening procedures: 127
Rating the organizational knowledge of:

- health issue as a health problem
- evidence-based guidelines address the health issue

Rating Categories:

* No knowledge
* Minimal knowledge
* Basic knowledge
* Adequate knowledge
* Superior knowledge
Rating the organizational behavior regarding:

- Implementation of evidence-based guidelines to address the health issue

Rating Categories:

- Not Appropriate; Never implements
- Rarely Appropriate; Rarely implements
- Inconsistently Appropriate; Inconsistently implements
- Usually Appropriate; Usually implements
- Consistently Appropriate; Consistently implements
Rating the organizational status regarding the:

* Adoption of evidence-based guidelines to address the health issue

Rating Categories:

* Extreme S/S; No adoption
* Severe S/S; Rare adoption
* Moderate S/S; Minimal adoption
* Mild S/S; Moderate adoption
* No S/S; Generalized adoption
KBS Average Begin and End Ratings Across Problems

Organizations with Health Care Supervision

KBS Ratings Between 01/01/2010 and 02/22/2013

<table>
<thead>
<tr>
<th>Score</th>
<th>Begin</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knowledge</td>
<td>Behavior</td>
<td>Status</td>
</tr>
<tr>
<td>1</td>
<td>1.5</td>
<td>3</td>
</tr>
<tr>
<td>1.5</td>
<td>2.5</td>
<td>3</td>
</tr>
</tbody>
</table>

Legend:
- Red: Knowledge
- Green: Behavior
- Blue: Status
KBS Change

- Knowledge: 2.7
- Behavior: 1.8
- Status: 1.7
Adult Obesity Management and Prevention Group

* Extending the work through Omaha System networking across jurisdictions

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