INTEGRATION OF PAEDIATRIC PALLIATIVE CARE IN M.P SHAH HOSPITAL

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Background

- Palliative care not funded by the government
- Adult palliative care more developed and is offered in 65 centers
- Paediatric palliative care only available in 1 center since 2011
Project

- Phase I: assess knowledge, attitudes and practice of palliative care
- Phase II: training on palliative care
- Phase III: offering Paediatric palliative care services
Problem statement

- Dying represents technological and medical failures.
- Lack of attention for children with life limiting illnesses.
- Lack of confidence in communicating with children and families.
Study Justification

- 23,000 children die due to HIV yearly in Sub-saharan Africa
- 166,000 are diagnosed with cancer.
- 90% of them are in resource limited settings.
- In Kenya 15% of all cancers are in children.
- Survival rate is 1 out of 10
M.P Shah Hospital

- Private facility in Nairobi.
- 210 bed hospital
- Paediatric capacity of about 50 including PICU and NBU
- Average of 4 children needing palliative care every month
- No dedicated service
Ethical Considerations

- Approval was sort from the ethics and research committee of the hospital.
- Confidentiality was ensured.
- Results of the findings were shared with the management.
- Dissemination to the staff has been planned for a CME session.
Methodology

- Questionnaire based cross-sectional descriptive study done over 2 months.
- Validated questionnaire used. “Palliative Care Quiz for Nurses”.
- Assess basic principles and knowledge on palliative care.
- 20 question scale with “Yes”, “No” or “Don’t know” answer.
- One point for correct answer and zero points for wrong or “Don’t know” answer.
Methodology

- Maximum score is 20.
- High score of 75% indicates good knowledge on palliative care.
- Questionnaire has 3 sections:
  1. Philosophy and principles (attitudes)
  2. Psychosocial and spiritual care (knowledge)
  3. Pain and symptom management (skill)
Study Population

SCREENING 30

ELIGIBILITY ASSESSMENT

YES 26

INFORMED CONSENT OBTAINED

ANALYSIS 21
Results

- None scored more than 75%.

<table>
<thead>
<tr>
<th>SCORES</th>
<th>N= 21</th>
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<tbody>
<tr>
<td>Good knowledge</td>
<td>0 (0%)</td>
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<tr>
<td>Poor knowledge</td>
<td>21 (100%)</td>
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Results

- Actual scores
- Mean score 30%

<table>
<thead>
<tr>
<th>Score</th>
<th>N=21</th>
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<tbody>
<tr>
<td>More than 50%</td>
<td>13 (16.9%)</td>
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<tr>
<td>Less than 50%</td>
<td>8 (38.09%)</td>
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# Mean score by category

<table>
<thead>
<tr>
<th>Conceptual categories of PCQN</th>
<th>Mean score</th>
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<tbody>
<tr>
<td>Philosophy and principles</td>
<td>1.9 out of 4 questions (47.5%)</td>
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<tr>
<td>Psychosocial and spiritual care</td>
<td>1.3 out of 3 questions (43.3%)</td>
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<tr>
<td>Pain and symptom management</td>
<td>9 out of 13 questions (69.2%)</td>
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Plan

• Scheduled trainings for palliative care
• Starting with principles of pain management on 11th June 2018.
• Palliative care trainings scheduled from September.
• For all staff working in M.P Shah Hospital.
• Sponsored by the hospital.
THANK YOU

DR. NAFULA ESTHER