Research Days

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Evaluating Caretaker Satisfaction with Same-Day Discharge after Gastrostomy Tube Placement

James A. Fraser MD
*Children's Mercy Hospital*

Shai Stewart MD
*Children's Mercy Hospital*

Kayla B. Briggs MD
*Children's Mercy Hospital*

Shawn D. St. Peter MD
*Children's Mercy Hospital*

Tolulope A. Oyetunji MD MPH
*Children's Mercy Hospital*

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Evaluating Caretaker Satisfaction with Same-Day Discharge after Gastrostomy Tube Placement

James A. Fraser MD, Shai Stewart MD, Beth A. Orrick APRN FNP-BC, Amy L. Pierce MSN APRN PPCNP-BC, Shawn D. St. Peter MD, Tolulope A. Oyetunji MD MPH

Introduction

• Despite success of enhanced recovery (ERAS) and expedited discharge protocols in surgery, parental opinions, satisfaction, and comfort are infrequently addressed
• Same-day discharge (SDD) after laparoscopic gastrostomy tube (G-tube) placement, using written and video-based preoperative education, has been our standard institutional practice since 2017

Aim

• Evaluate caretaker satisfaction and experience with same-day discharge after laparoscopic gastrostomy tube placement

Methods

• All patients eligible for SDD after G-tube placement from February 2021-February 2022 were identified
• Successful SDD or reason for postoperative admission, length of stay (LOS), and complications were identified
• Telephone follow-up at two weeks was conducted to evaluate satisfaction with the SDD protocol

Results

<table>
<thead>
<tr>
<th>Question</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did you feel your G-tube education was adequate for same day discharge?</td>
<td>42 (100%)</td>
<td>0</td>
</tr>
<tr>
<td>At any time after the operation, did you feel that your child’s pain was NOT well controlled?</td>
<td>6 (14%)</td>
<td>36 (86%)</td>
</tr>
<tr>
<td>Did you feel comfortable with same day discharge?</td>
<td>42 (100%)</td>
<td>0</td>
</tr>
<tr>
<td>Did you call or visit any provider within the first 24 hours for issues related to your child’s G tube?</td>
<td>3 (7%) - Pain</td>
<td>39 (93%)</td>
</tr>
<tr>
<td>In retrospect, I am satisfied with my decision to go home same day.</td>
<td>41 (98%)</td>
<td>1 (2%)</td>
</tr>
</tbody>
</table>

• 49 patients were eligible for SDD, 42 (86%) were successfully discharged same day with median LOS of 7.5 hours [IQR 6.7, 8.1] and 7 (14%) were admitted postoperatively for either persistent emesis or further teaching with median LOS of 30.4 hours [26.9, 31.2]
• 8 (16%) patients were evaluated in the emergency department within 30 days postoperatively, resulting in two readmissions; one for peri-stomal erythema and fever requiring oral antibiotics at 21 days and one for G-tube dislodgement requiring reoperation and replacement at 28 days
• All caretakers felt their education was adequate for SDD and felt comfortable with the SDD protocol

Conclusions

Same-day discharge following laparoscopic G-tube placement is feasible and safe, with high caretaker satisfaction and comfort ascribed to comprehensive preoperative education and anticipatory guidance.