Royal Children’s Hospital

Care and Maintenance of Gastrostomy Tubes
13th July 2009

Care of Gastrostomy Tubes

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Care of Feeding Tubes - Agenda

- Types of Tubes
- Tube Maintenance
- Stoma Care
- Complications - management and prevention
- Kimberly-Clark Support
Types of Tubes

• Nasal/oral feeding tubes

• Gastric tubes via gastric stoma

• Jejunal feeding tubes via gastric stoma

• Jejunal feeding tubes via jejunal access
Types of Tubes – Initial Placement P.E.G.
Percutaneous Endoscopic Gastrostomy

- Clearly Marked Ports
- Luer-lock
- Ventilated Retention Ring
- Radiopaque Stripe
- Centimetre Markings
- Medical Grade Silicone
- Non Balloon Device
- Traction Removable
Types of Tubes – Mic* G, Mic* B, Kimberly-Clark
Gastrostomy Feeding Tubes

• Clearly Marked Ports
• Luer-lock balloon port on Mic* G & Mic B*
• Luer-lock & colour coded balloon port on Kimberly-Clark tube
• 3 - 5ml (LV) balloon on sizes 12fg – 16fg
• 7 – 10ml balloon on other sizes
• Sizes 12fg – 30fg
• Ventilated Retention Ring
• Radiopaque Stripe
• Centimetre Markings
• Medical Grade Silicone
• Recessed balloon
Types of Feeding Tubes – MicKey*Low Profile
Gastrostomy Feeding Tube

- Low-Profile Design
- Proximal Anti-Reflux Valve
- SECURE-LOK* Extension Sets
- Radiopaque Stripe
- Medical Grade Silicone
- 3ml - 5ml for all Balloons
- Recessed Balloon
- 80 Sizes for exact fit
- 12Fg - 24Fg & 0.8 - 5cm stoma lengths
Types of Feeding Tubes – Transgastric Jejunal Tube (TJ)

- Universal Jejunal Feeding Port
- Gastric Decompression Port
- Multiple Gastric and Jejunal Exit Ports
- Silicone internal gastric retention balloon 3-5ml for 16Fg; 7-10ml for 18Fg & 22Fg
- Tungsten Weighted Jejunal Portion
- Tapered Distal Tip
- Radiopaque Stripe
Types of Feeding Tubes – MIC-KEY* Low Profile
Transgastric Jejunal Tube (TJ)

- Unobtrusive and easy to conceal
- Clearly marked separate Gastric and Jejunal ports for ease of identification
- Silicone internal gastric retention balloon 3-5ml for 16Fg; 7-10ml for 18Fg & 22Fg
- Multiple Gastric and Jejunal Exit Ports
- Tungsten Weighted Jejunal Portion
- Tapered Distal Tip
- Radiopaque Stripe
Feeding Tubes – Measuring Device

- Single use
- To measure length of stoma for correct size selection for low profile feeding tubes
- Read cm marking at top of disc
- Balloon device
Feeding Tubes – Accessories
Tube Maintenance

FLUSH

FLUSH

FLUSH
Tube Maintenance

**FLUSH Pre and Post Feeding**

**FLUSH Pre and Post Medications**

*RCH recommends* - infants 5ml, toddlers 5-10ml and children over 6 years 10ml

On Continuous Feeding regime **FLUSH** Every 4 hours

**Rotate Gastrostomy Tubes in Tract**

**General Tube Check**
Complications

- Tube occlusion – Flush++, massage and/or solutions
- Tube migration/obstruction - Verify placement, discontinue feeding
- Accidental removal - Replace ASAP… RCH recommends rinse tube and replace it asap. If confident tube is in right place, put 5ml in balloon and recommence feeds. If uncertain, still replace tube, tape it is position, withhold feeds and contact hospital.
- Tube Deterioration - Change tube
- Balloon burst - check balloon volume, change tube

Does your patient have a spare replacement tube?
Preventing Complications

- **FLUSH, FLUSH, FLUSH**

- Appropriate delivery of medications

- Daily wash and dry

- No dressings/creams

- Only rotate gastric access feeding tubes
Kimberly-Clark Support

• In-service Education

• Provide Literature, Care Booklets and DVD Materials

• Plan and Implement Workshops

• Health Care Service Customer Care

• KCA Internet Sites
  • www.kchealthcare.com
  • www.MIC-KEY.com
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THANK YOU