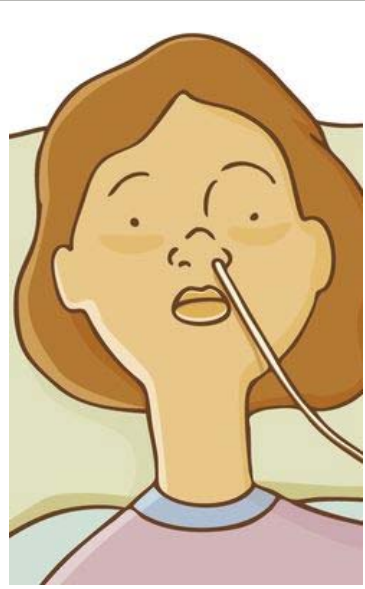


Oncology Symposium 2014



Let's Talk
about Tubes

A Review of Access
Devices, Adaptors,
and Appropriate
Connections for
Enteral Nutrition

The slide features a light green background with a darker green border. On the left, there is a cartoon illustration of a woman with brown hair, wearing a purple top, with a white tube inserted into her nostril. To the right of the illustration, the text is arranged in a white box with a thin orange border. The title 'Let's Talk about Tubes' is in a larger font, and the subtitle below it is in a smaller font. The event name 'Oncology Symposium 2014' is in a dark grey box at the top right of the slide.

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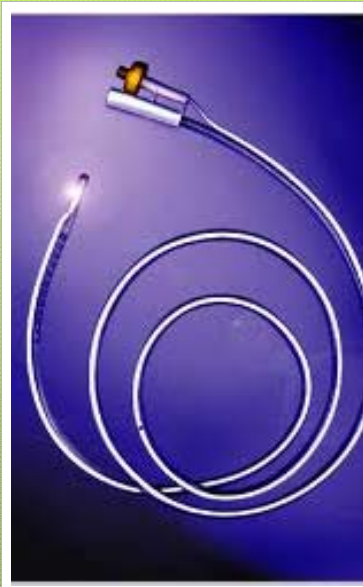
Presenters

- Heather Henning, RD
Employed in home health care
- Leanne Saxton, RD
Employed in acute care; previously in home health care

The slide has a light green background with a darker green border. At the top right, the event name 'Oncology Symposium 2014' is in a dark grey box. Below this, the word 'Presenters' is written in a large, bold, green font. Underneath, there are two bullet points, each starting with a green circle. The first bullet point lists Heather Henning, RD, and her employment in home health care. The second bullet point lists Leanne Saxton, RD, and her employment in acute care, with a note that she was previously in home health care.

Learning Objectives

- Describe the different types of feeding tubes and low-profile devices
- Demonstrate an understanding of different accessories available to aid in the delivery of tube feeding
- Outline the different methods of administration and additional supplies required for enteral feeding along with products available to avoid enteral misconnections



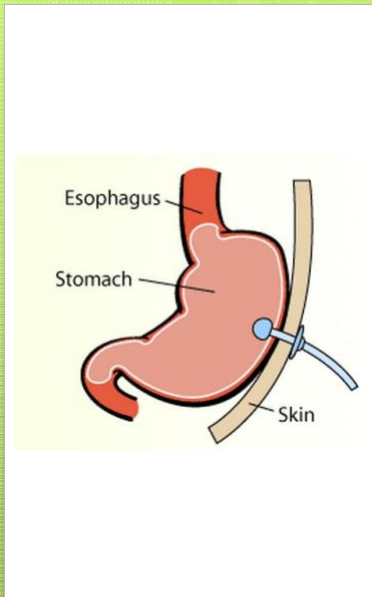
Nasogastric

Nasoduodenal

Nasojejunal

Image source: http://nasogastrictubes.anpro.com/nasogastric_tubes/index.htm

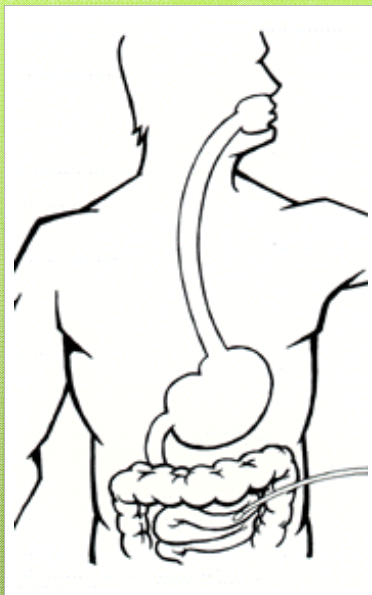
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Gastric

Image source: <http://surgery.ucsf.edu/conditions-procedures/gastrostomy-tubes.aspx>

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Jejunal

Image source: Oncolink.org

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Gastro- jejunal

<http://www.kchealthcare.com/products/digestive-health/mic-feeding-tubes.aspx>

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Low profile devices

- Gastrostomy
- Jejunostomy
- Gastrojejunostomy

Low profile device options

● Balloon



● Non Balloon



Image Source: amtinnovation.com

Methods of administration and equipment needed

Pump

- IV pole
- Feeding pump
- Bags/ RTH bottles
- Syringes

- Duration: specific to programmed rate

Gravity

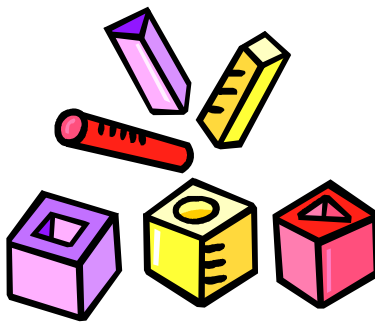
- Gravity bag
- Syringes
- IV pole

- Duration: 10 min-2+ hours per can

Bolus/Syringe

- Syringe
- Duration: ~5-20 minutes per can

Additional Items "Making it all fit together"



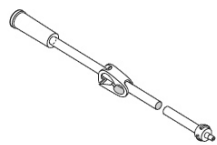
Adaptors

- Valves
- Two port
- Single port



Image Sources: <http://www.icu.ed.com>
<http://www.nestlehealthscience.us/products/compat%C2%AE-enteral-feeding-tube-adapter>

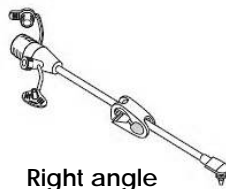
Types of extension sets



Bolus



Y-extension



Right angle

Images sources: http://www.medline.com/media/catalog/sku/baa/BAA012112_HRE01.JPG?browse
http://www.medline.com/media/catalog/sku/baa/BAA012312_HRE01.JPG
http://www.ojmedical.com/img/prods/large/cor201007_corpak_y_extension_set.jpg

Miscellaneous parts

- Clamps
- Devices to unclog tubes



Image sources: corpakmedsystems.com, bostonscientific.com, amtinnovation.com, bionexmed.com, bardmedical.com

Trouble shooting tube issues



Problem

85 yo female, Claudia, complains her stomach contents leak out when she tries to connect the syringe to her g-tube.

What would you suggest?

Solutions

- C-clamp
- extension set
- gravity

Problem

45 yo male, John, complains his j-tube has become clogged and he cannot even get to pass. He was at the ER last month for the same issue and had his tube replaced.

What would you suggest?

Solutions

- Syringe with warm water
- Massage tube
- Declogging products
- Feed/Flush

Problem

Sally, 17 yo female, calls and reports the balloon on her button burst and her button fell out. She does not have a back-up to replace it.

What would you suggest?

Problem

- Clean and replace button
- Back up foley catheter or button

Problem

Bill, 62 yo male, expresses concern with how long his new g-tube tube is. It constantly moves around and is irritating his skin.

What would you suggest?

Solutions

- Tube securement device
- Shorten tube
- Change to button

Problem

Alice reports she can't fit the catheter tip syringe into 3 yo Caden's NG tube.

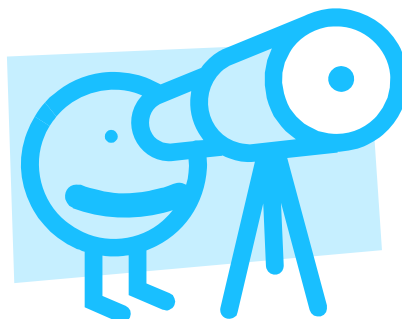
What would you suggest?

Solutions

- Slip tip syringe
- Adapter on tube

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A bigger solution coming soon?



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"Stay Connected" Initiative

- 2014 Q1-Initiative launched
- 2014 Q4-Transition sets available in US.
- 2015 Q1-Enteral specific syringes available in US.
- 2015 Q1-New enteral feeding tubes available in US.
- 2016 Q1-US transition to proposed new ISO standard connector complete, CA mandate takes effect

**Source: stayconnected2014.org

Current nutrition end connector

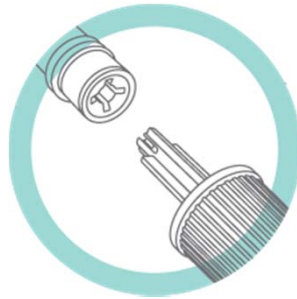


Image source: www.stayconnected2014.org

Syringe-Current and Final

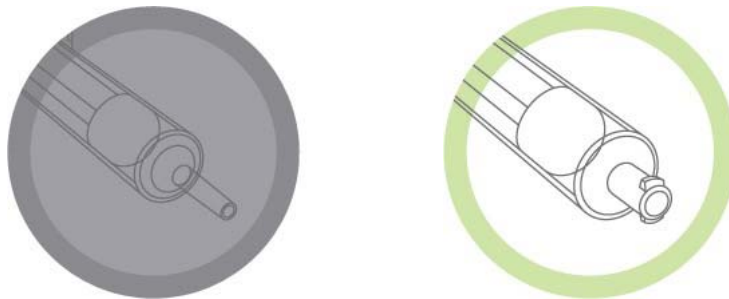


Image source: www.stayconnected2014.org

Feeding tube connections: Current, Transition, & Final

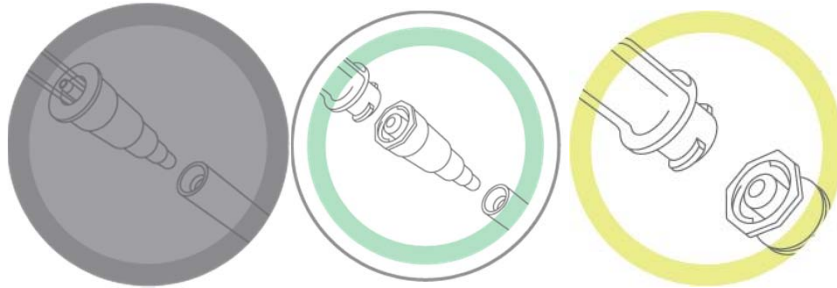


Image source: www.stayconnected2014.org

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Questions

