Button Battery Ingestion Management PCH Algorithm

Foreign Body call from family

Battery ingestion known or suspected

→ **No** → Transfer/refer to ED as medically necessary ← **No** ← Battery ingestion known or suspected

Foreign Body call from outside facility

Yes ↓

1. Advise family to administer 10 ml of honey every 10 min for a total of 6 doses if:
   - < 12 hours since ingestion
   - > 12 months of age
   - Patient able to swallow
2. Advise family to go directly to PCH ED without delay
3. Contact ED Attending with: Pt name, DOB, expected arrival time
4. ED attending asks for patient to be pre-registered, places orders for imaging

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Patient with suspected battery ingestion arrives at PCH ED

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1. Triage patient "Red"
2. Obtain imaging: "ED PED Swallowed Foreign Body"

→

Battery in esophagus?

↓ **No**

Routine removal by foreign body team

→ **Yes** →

Yes → Battery in esophagus?

No ↖

Yes ↓

Yes →

1. Administer sucralfate 1g (10 ml) every 10 min for a total of 3 doses if:
   - < 12 hours since ingestion
   - > 12 months of age
   - Patient able to swallow
2. Contact Intermountain Transfer Center
3. Connect to PCH ED attending
   - Pre-register patient at PCH
4. Transfer to PCH ED without delay
5. PCH ED attending contacts general surgery (odd days) or U of U ENT (even days) attending directly.

Battery in esophagus?

Unknown

1. Obtain stat imaging
   - IHC facility order "ED PED Swallowed Foreign Body"
   - Non-IHC facility order:
     i. soft tissue neck
     ii. AP chest
     iii. AP abdomen

Patient with known esophageal battery in PCH ED

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1. Administer sucralfate 1g (10ml) every 10 min for a total of 3 doses if:
   - < 12 hours since ingestion
   - > 12 months of age
   - Patient able to swallow
2. ED attending contacts general surgery (odd days) or U of U ENT (even days) attending directly.
3. Surgery /ENT attending contacts OR
4. Emergent removal in OR

Revised 7/5/19