Pediatric - Disc Battery Ingestion

Created by Unknown User (aheaford), last modified by Unknown User (ibertroc) on Jan 30, 2015

Disc Battery Ingestion

The following are images of a CR2032 disc battery that has been dropped into a bottle of sal
These photos were taken for a total of 5 hours, demonstrating activity from the negative po
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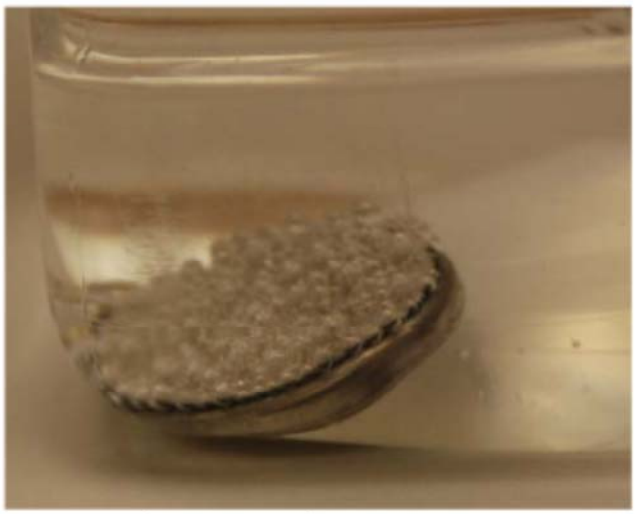
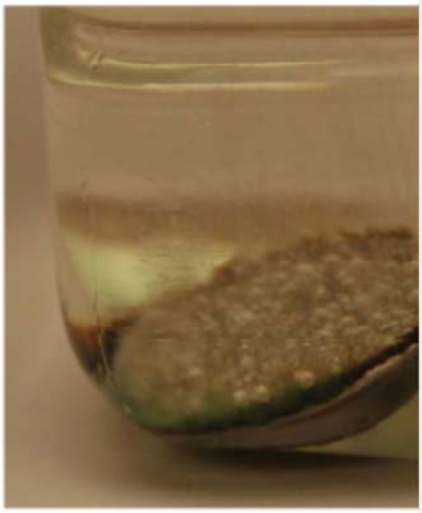
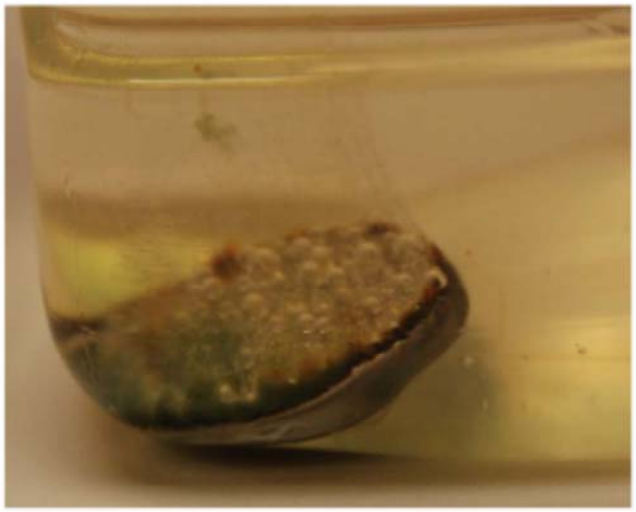
become lodged in the esophagus just above the cricopharyngeus. Esophageal perforation h
in at little as 5 hours.



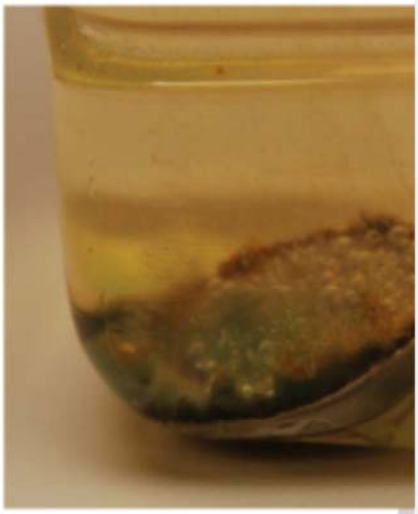
Battery is almost instantly active at time point 0



Battery at 15 minutes



Battery at 30 minutes



Battery at 45 minutes

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Initial injury is managed in the OR. This patient was placed into suspension with a Lindholm Laryngoscopy with removal under di
important to identify the direction of the negative pole of the battery for future assessment of this injury.

Photos of Alkalinic Esophageal Injury

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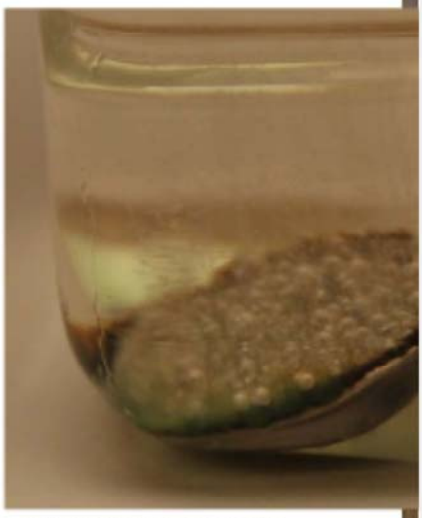
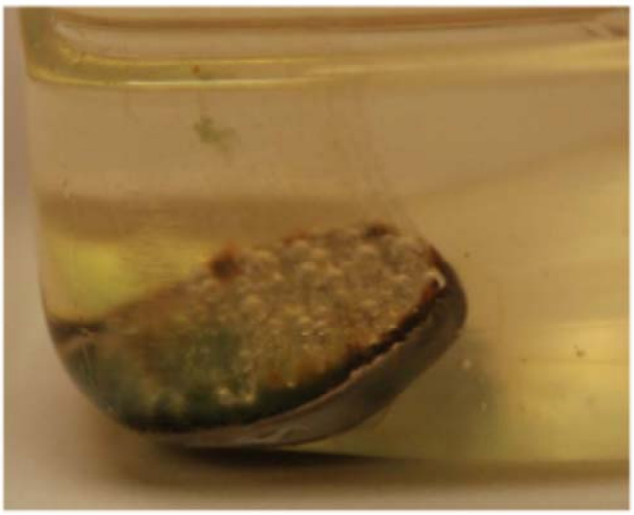


Battery at 15 minutes



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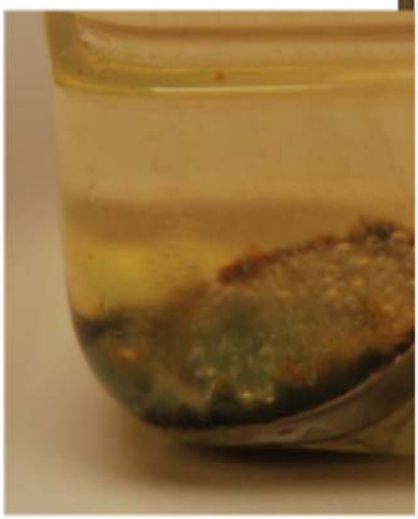

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Buttonbatterytimeline.pdf ▪ v.1 [Current]

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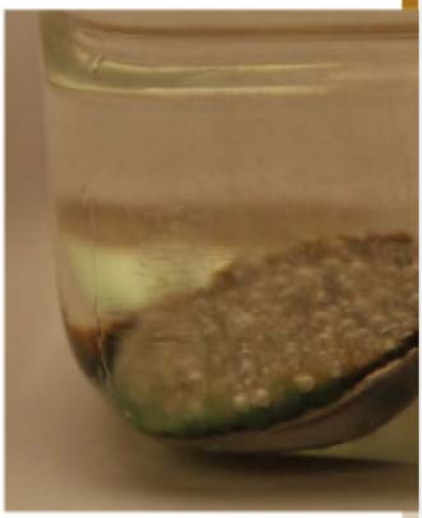

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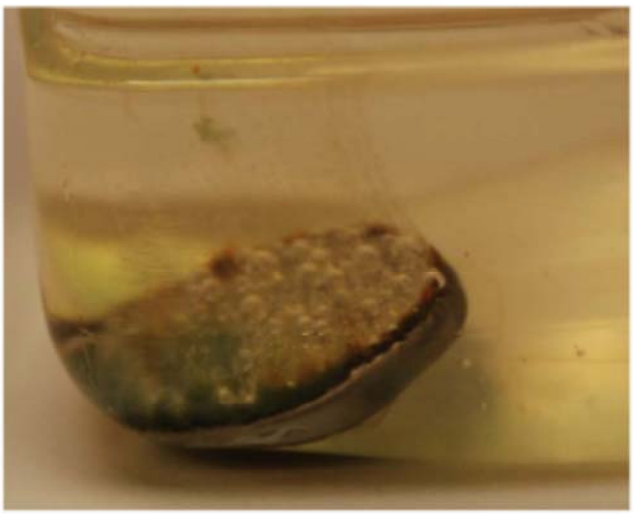

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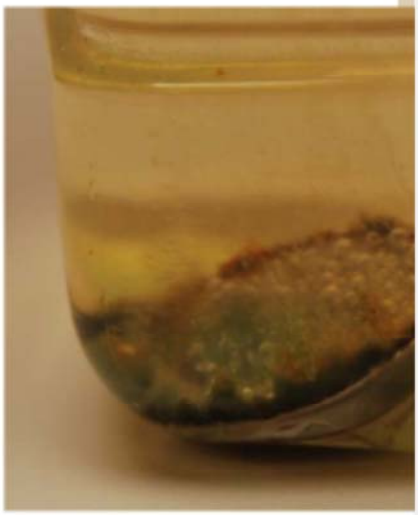

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SUGGESTED READING

Mortensen A, Hansen NF, Schiødt OM. Fatal aortoesophageal fistula caused by button battery ingestion in a 1-year-old child. A

2010 Apr 2.
2) Litovitz T, Whitaker N, Clark L. Preventing battery ingestions: an analysis of 8648 cases. Pediatrics. 2010 Jun;125(6):1178-83. do
3) Chang YJ, Chao HC, Kong MS, Lai MW. Clinical analysis of disc battery ingestion in children. Chang Gung Med J. 2004 Sep;27(9
4) Yardeni D, Yardeni H, Coran AG, Golladay ES. Severe esophageal damage due to button battery ingestion: can it be prevente

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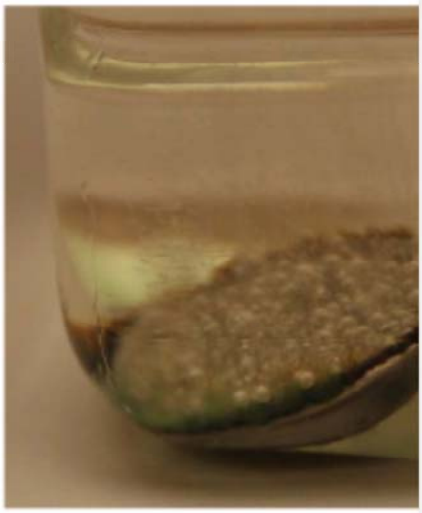

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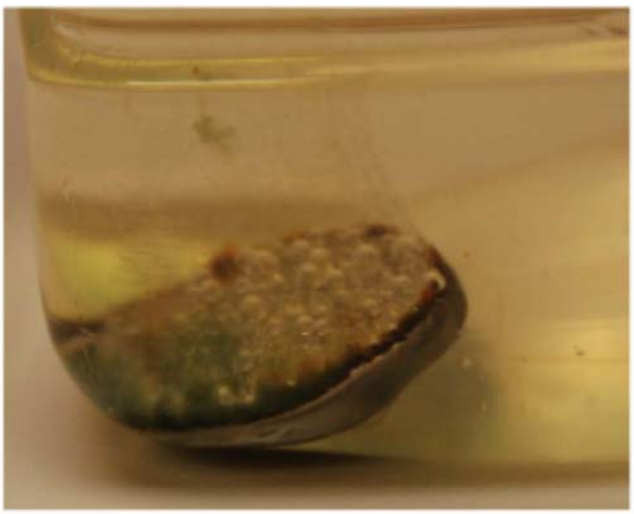

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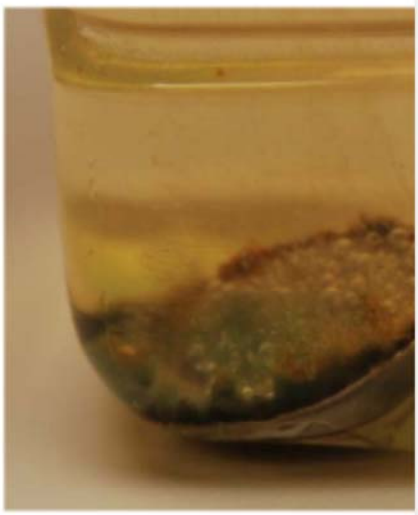

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