

# **UC Davis**

## **Pediatrics**

### **Title**

Pediatric Magnet Ingestion Remains A Significant Cause of Morbidity Despite Increasing Regulations Worldwide

### **Permalink**

<https://escholarship.org/uc/item/1393x18p>

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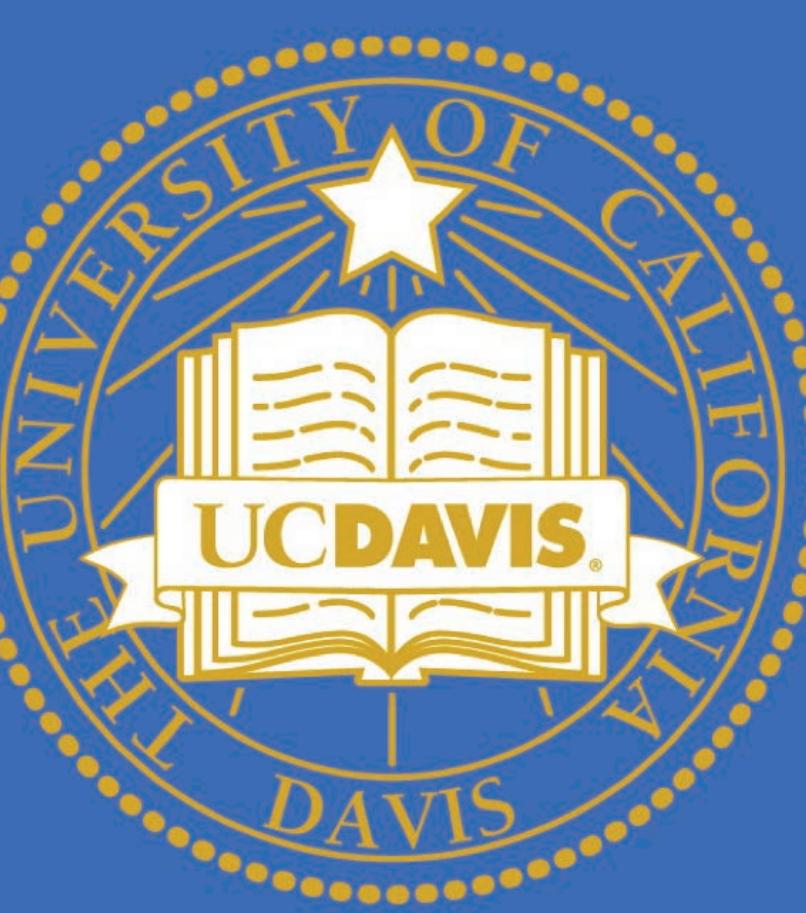
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### **Data Availability**

The data associated with this publication are not available for this reason: N/A



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## Introduction

- ❖ Pediatric magnet ingestion can lead to devastating consequences, such as bowel obstruction, ischemia, intestinal erosion, and intestinal fistulas
- ❖ Many countries have enacted policies to limit magnet ingestion including prohibiting sales, labeling products, and restricting magnet strength
- ❖ It is unclear whether policies restricting high-powered magnets is associated with differences in pediatric magnet ingestion rates
- ❖ This study sets out to investigate and compare the global incidence of pediatric magnet ingestion and corresponding national policies

## Methods

### Inclusion criteria:

- ❖ Magnet ingestion in 0 to 18-year-old patients
- ❖ Publications with >1 reported cases
- ❖ Papers published from 2002-2022

Articles published in English and Spanish from 2002-2022, on PubMed, Google Scholar, and Scopus, identified through search from September 26, 2022 to January 8, 2023. Key words included: magnet, ingestion, and pediatric, along with their synonyms.  
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