A 12-year-old previously healthy male presented to a referring emergency department (ED) after reporting that he suddenly “breathed in a piece of a toy” while riding in a car. The child had removed a metal pin from a “fidget cube” and was chewing on it. The car was jarred as it drove over a bump, leading him to inhale the metal pin.

In the ED, a chest radiograph obtained around 2000 revealed a cylindrical, radiopaque foreign body (FB) in his right bronchus (►Fig. 1). The child denied shortness of breath, chest pain, or any discomfort. He had no coughing or vomiting. His vital signs were stable, and his oxygen saturation was 99% on room air. The child was transferred to our pediatric intensive care unit (PICU) for close monitoring and further evaluation by the pediatric otolaryngology staff.

Upon arrival to the PICU, the child remained without distress and reported no coughing or vomiting during transport. The child was monitored overnight and taken to the operating room early the next morning. Under general endotracheal anesthesia, a 13.5 slotted Storz laryngoscope was used to evaluate the pharynx, larynx, and periglottic regions and no abnormalities were noted. A long Hopkins telescope was then used to examine the trachea and both right and left mainstem bronchi. No FB or signs of inflammation were identified. An intraoperative chest radiograph obtained around 0900 revealed that the FB was now in the stomach (►Fig. 2). The pediatric gastroenterology service was consulted and suggested that the FB did not require removal, as it posed no threat to his digestive system.

Foreign bodies in either the pulmonary or gastrointestinal tract are not uncommon in children.1 Spontaneous expectoration of a FB with subsequent migration has been reported previously in children less than 5 years of age.2,3 In these cases, the inciting event was not witnessed, and the children did not present with symptoms for weeks to months after aspiration. Retention of a FB can lead to lung atelectasis, infection, or abscess formation. If the FB is radiolucent, it may not be seen on the radiograph, but can be detected with conventional computed tomography4 or multidetector-row computed tomography, also known as virtual bronchoscopy.5

In our case, the initial radiograph clearly revealed that the FB was in the right bronchus. In the operating suite, the subsequent imaging revealed the FB to be in the stomach. Other authors have reported stressful coughing as the...
mechanism for a peanut migrating from the right bronchus to the left bronchus. Nonetheless, we propose that the only explanation is the child must have coughed up the FB into his oropharynx and then swallowed it into his digestive tract. If a chest radiograph had been obtained prior to the child undergoing general anesthesia and rigid bronchoscopy in the operating suite, significant costs and potential morbidity could have been avoided.

Conflict of Interest
None declared.

References
3 Aihole JS, Babu MN. Spontaneous migration of airway foreign body to the gastrointestinal tract. Indian Pediatr 2015;52(06):534–535