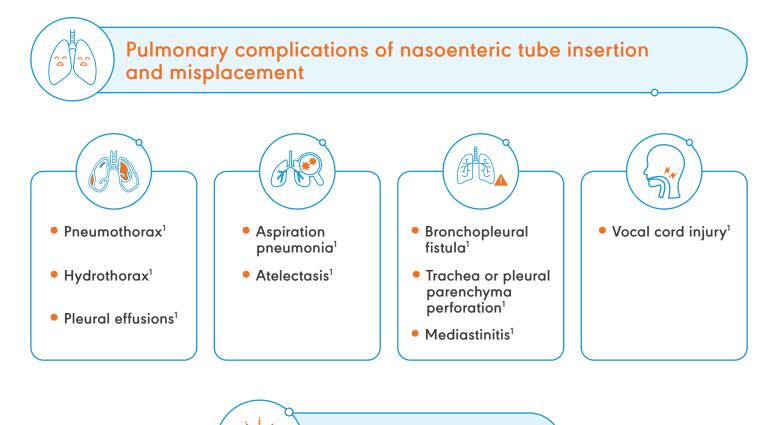


Misplacement of nasoenteric tubes is relatively common and can result in significant complications.¹

Several studies prove that such misplacements are underreported¹



Did you know?

In the 1930s, placement of the nasogastric tube into the airway was considered rare, as severe respiratory distress would make incorrect positioning obvious.²

However, now we know that asphyxiating reaction during misplacement is a myth, and a patient can be asymptomatic for several hours or even after multiple feedings.²

Such misplacements can be recognized and avoided using tube placement confirmation techniques.³

The use of radiographs (X-ray) is the current gold standard for the verification of nasoenteric tube placement. However, this technique comes with its own disadvantages.³





Uncertainty over accurate and consistent interpretation and reporting of tube location by radiologists and non-radiologists.³



Delay in feeding due to time taken for patient migration to the radiology department, x-ray production, interpretation, and reporting.^{1,3}



Radiographs are only accurate at the time they are taken. Coughing, retching, or vomiting may move tube from initial placement.¹



Repeated exposure to x-ray carries a small, but inherent carcinogenic risk.¹



Radiological confirmation is expensive, time-consuming, and inconvenient for patients.⁴

Placement and verification of feeding tube tip position should be developed as a clinical standard of care.³

Electromagnetic technology allows for timely identification of potential malposition in 'real time' instead of X-ray use. Real-time identification of tube misplacement shall help minimize morbidity and even mortality related to feeding tube placement.³



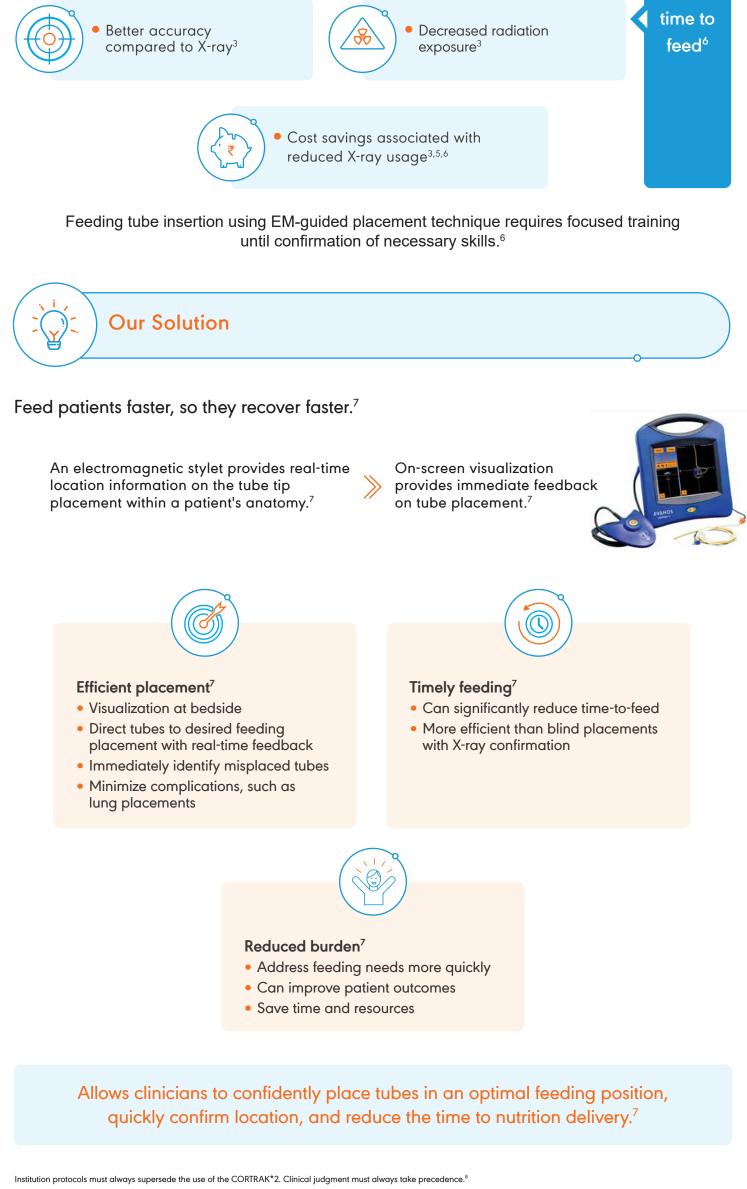
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Benefits of using electromagnetic (EM)-guided placement technique for feeding tube placement

ΩΓ



- Helps avoid lung placement and complications³
- Placement at bedside enabling expedited placement³
- Nurses or dietitians can be trained to use the technique³





Reduced

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