

## **GASTROSCHISIS**

### **Supporting information**

#### **What is the incidence of gastroschisis?**

A review of the subject (Holland, 2010) states that “Gastroschisis continues to increase in frequency, with several studies now reporting an incidence of between 4 and 5 per 10,000 live births.” [A nationwide, population-based descriptive study of children born with gastroschisis in Sweden between 1997 and 2016 found prevalence was 1.52 in 10,000 live births \(Caldeman, 2021\).](#)

[Caldeman C, Fogelström A, Oddsberg J et al. National birth prevalence, associated anomalies and mortality for gastroschisis in Sweden. Acta Paediatr. 2021 Sep;110\(9\):2635-2640. doi: 10.1111/apa.15954. Epub 2021 Jun 4. <https://onlinelibrary.wiley.com/doi/10.1111/apa.15954>](#)

Holland AJ; Walker K; Badawi N. Gastroschisis: an update. *Pediatr Surg Int* 2010;26:871-8

#### **Evidence Level: V**

#### **In NNU, do you give Vitamin K into the deltoid muscle or the thigh?**

The Department of Health (2013) recommends the anterolateral thigh muscle as the injection site for newborns or infants (1-12 months.) because it “provides a large muscle mass into which vaccines can be safely injected”, and presumably this can be applied to vitamin K, although it recommends the left deltoid muscle for BCG.

Department of Health. Immunisation against infectious disease: the green book. London: DH. 2013.  
[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/147915/Green-Book-Chapter-4.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/147915/Green-Book-Chapter-4.pdf)

#### **Evidence Level: IV**

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