Vitamin K Deficiency Bleeding, including haemorrhagic disease of the new-born (HDN) Questionnaire - Australian Paediatric Surveillance Unit

Please ring A/Prof Bin Jalaludin on 02 9828 6002 if you wish to discuss this questionnaire.

PAEDIATRICIAN

1. APSU Dr Code/Name ☐☐☐☐/…… 2. Month/Year of Report...../.....
3. Date questionnaire completed ☐☐/☐☐/☐☐

PATIENT DETAILS

4. First 2 letters of surname ☐☐ 5. First 2 letters of first name ☐☐
6. Date of Birth ☐☐ / ☐☐/ ☐☐ 7. Sex ☐ M ☐ F
8. Postcode of family ☐☐☐☐
9. Ethnic origin of mother ☐ Caucasian ☐ Aboriginal ☐ Torres Strait Islander ☐ Asian ☐ Don't Know

If other please specify: .....

If this patient is primarily cared for by another physician who you believe will report the case, please complete the questionnaire details above this line and return to APSU. Please keep the patient's name and other details in your records. If no other report is received for this child we will contact you for information requested in the remainder of the questionnaire.

The primary clinician caring for this child is: ***Name:*** ***Hospital:***

Pregnancy and birth information

10. Place of Birth ☐ Hospital, please specify…….. ☐ Home ☐ Other, please specify……
11. Type of Delivery ☐ Normal ☐ Instrument ☐ Caesarean ☐ Don't Know
12. Gestational Age ☐☐ weeks 13. Birth Weight: ☐☐☐☐ gms
14. During pregnancy did the mother take any anti-convulsants? ☐ Yes ☐ No ☐ Don't Know

If yes, please specify……..

15. During pregnancy did the mother take any medications (apart from iron and vitamins tablets)?

☐ Yes ☐ No ☐ Don't Know

If yes, please specify…….

Vitamin K prophylaxis

16. Was Vitamin K prophylaxis given at birth? ☐ Yes ☐ No ☐ Don't Know

If no, did the parents withhold consent? ☐ Yes ☐ No ☐ Don't Know

If yes, what was the mode of administration? ☐ IM ☐ IV ☐ Oral

Dose of Vitamin K? _____ mg

Type of Vitamin K preparation? ☐ Old Konakion (water soluble preparation) or ☐ Konakion MM (new)

When was the dose given? _____ (days since birth)

17. Was a second dose of Vitamin K given? ☐ Yes ☐ No ☐ Don't Know

If no, did the parents withhold consent? ☐ Yes ☐ No ☐ Don't Know

If yes, what was the mode of administration? ☐ IM ☐ IV ☐ Oral

Dose of Vitamin K? _____ mg. Type of Vitamin K preparation? ☐ Old Konakion (water soluble preparation) or ☐ Konakion MM (new). When was the dose given? _____ (days since birth)

18. Was a third dose of Vitamin K given? ☐ Yes ☐ No ☐ Don't Know

If no, did the parents withhold consent? ☐ Yes ☐ No ☐ Don't Know

If yes, what was the mode of administration? ☐ IM ☐ IV ☐ Oral

Dose of Vitamin K? _____ mg. Type of Vitamin K preparation? ☐ Old Konakion (water soluble preparation) or ☐ Konakion MM (new). When was the dose given? _____ (days since birth)

19. Were there any adverse effects attributable to Vitamin K prophylaxis? ☐ Yes ☐ No ☐ Don't Know

If yes, what effects were noted?

……

When were these observed? ☐☐ / ☐☐/ ☐☐ Date or Age of Child _____

Clinical details

20. First sign of bleeding/bruising ☐☐ days since birth 21. Date of diagnosis ☐☐ days since birth

22. Sites of bleeding/bruising?

Skin bruising	☐ Yes	☐ No	☐ Don't Know
Umbilical bleeding	☐ Yes	☐ No	☐ Don't Know
Gastro-intestinal bleeding	☐ Yes	☐ No	☐ Don't Know
Intra-cranial bleeding	☐ Yes	☐ No	☐ Don't Know
Nose bleeds	☐ Yes	☐ No	☐ Don't Know
Prolonged oozing at Guthrie site	☐ Yes	☐ No	☐ Don't Know

Circumcision site ☐ Yes ☐ No ☐ Don't Know Other, please specify ……..

23. Severity of bleeding (e.g. approx amount in mls) and therapy given ……..

Type of feeding

24. Was the baby ☐ solely breast fed since birth ☐ primarily breast fed, but given some formula milk feeds ☐ predominantly formula feeds? If yes, name of formula?……....

25. Prior to presentation, had the infant

Received any medication other than vitamin K since birth ☐ Yes ☐ No ☐ Don't Know

If yes, please specify……

Experienced diarrhoea, failure to thrive or other illness? ☐ Yes ☐ No ☐ Don't Know

Experienced jaundice after the first week? ☐ Yes ☐ No ☐ Don't Know

Investigations/treatment

26. Coagulation studies on presentation ☐ Normal ☐ Abnormal ☐ Don't Know ☐ Not Done

If abnormal, please specify exact values (including control values) _____

Was the platelet count on presentation ☐ High ☐ Normal ☐ Low ☐ Don't Know ☐ Not Done

27. Liver function tests on presentation ☐ Normal ☐ Abnormal ☐ Don't Know ☐ Not Done

28. Did the infant have liver disease? ☐ Yes ☐ No ☐ Don't Know. If yes, please specify…….....

29. Did the infant have evidence of sepsis? ☐ Yes ☐ No ☐ Don't Know. If yes, please specify……

30. Was Vitamin K given when bleeding/bruising occurred? ☐ Yes ☐ No ☐ Don't Know

If yes, please specify dose of vitamin K and route of administration …….

31. Were coagulation studies performed after Vitamin K administered? ☐ Yes ☐ No ☐ Don't Know. If yes, what were the coagulation studies after Vitamin K? Please specify exact values for INR/PT ……

32. Did Vitamin K correct the bleeding disorder clinically? ☐ Yes ☐ No ☐ Don't Know

33. Was fresh frozen plasma given? ☐ Yes ☐ No ☐ Don't Know

If yes, did this correct the bleeding disorder? ☐ Yes ☐ No ☐ Don't Know

34. Was blood transfusion required? ☐ Yes ☐ No ☐ Don't Know

Outcome

35. Infant Outcome ☐ no ongoing morbidity ☐ ongoing morbidity, please specify……...

☐ prognosis unclear ☐ Died ☐ Don't Know

36. If the infant died, did HDN cause or contribute to the baby's death? ☐ Yes ☐ No ☐ Don't Know

37. If the child's progress is unclear or the child experienced ongoing morbidity related to Vitamin K deficiency bleeding, would you be prepared to complete a short follow-up questionnaire on the infant's outcome in 12 months time? ☐ Yes ☐ No

Please return this questionnaire in the addressed reply-paid envelope to Dr Yvonne Zurynski, Australian Paediatric Surveillance Unit, Locked Bag 4001, WESTMEAD NSW 2145

Thank you for your assistance with this study, which has been approved by a Human Ethics Committee. The APSU is a Unit of the Royal Australasian College of Physicians (Division of Paediatrics and Child Health) and is funded by the NHMCR (Enabling Grant No. 40284), the Department of Health and Ageing, and the Faculty of Medicine at the University of Sydney.