Presumptive positive IVA**

Lab notifies IVA Clinical Liaison Service (CLS) as per local protocol on the day of the result and send original dried blood spot sample for C5 isobars

ON THE SAME DAY

- 1. CLS contact specialist team as per local protocol
- 2. Specialist team to CONTACT FAMILY to arrange urgent hospital admission
- 3. Specialist team to instruct family to go to specialist centre if not possible go to appropriate hospital with 24 hr paediatric cover. Offer to arrange an ambulance
- 4. Specialist team to liaise with the hospital on call Paediatric Consultant (or Registrar if unable to contact) for assessment
 - 4a. Fax / email information to the hospital for clinicians and parents, IVA A&E letter, 'IVA is suspected' leaflet (includes NHS Newborn Blood Spot Screening Programme website address and links to parent support group), contact numbers for the IVA specialist team
 - 4b. Commence clinical management:
 - i. Well baby
 - A. Obtain diagnostic samples*** and send urgently to specialist centre laboratory (courier)
 - B. Ensure adequate feeding and obtain history of maternal antibiotics, nipple cream use and full drug history (cause of false positive)
 - C. Discharge home with BIMDG emergency guidelines and glucose polymer. Instruct to take to hospital if unwell (when baby is discharged)
 - ii. Unwell baby

***** See IVA sibling protocol for details

- A. Clinical assessment and admission to hospital regardless of clinical status
- B. Obtain history of maternal antibiotics, nipple cream use and full drug history (cause of false positive)
- C. Obtain blood gases, ammonia, U&E, LFT, FBC, cultures, urine ketones dipstick. Site IV cannula
- D. Hospital to liaise with specialist team regarding clinical status
- E. Obtain diagnostic samples*** and send urgently to specialist centre laboratory (courier)
- F. IV 10% dextrose/0.45% saline infusion
- G. Carnitine specialist team to organise supply and send to local hospital if necessary
- H. Reintroduce natural protein within 24-48 hours (refer to dietetic management pathway****)
- I. Transfer to specialist centre as soon as appropriate
- 5. Specialist team to liaise with diagnostic laboratory inform lab to expect samples (including transport arrangement) and which hospital child has gone to in case samples need following up
- 6. Hospital to feedback to specialist team with a review within 2 hours of admission if not already transferred to specialist centre
- 7. Specialist team to inform GP (as soon as practicable), send IVA GP letter via fax / email
- 8. Specialist team to inform maternity services and health visiting services

