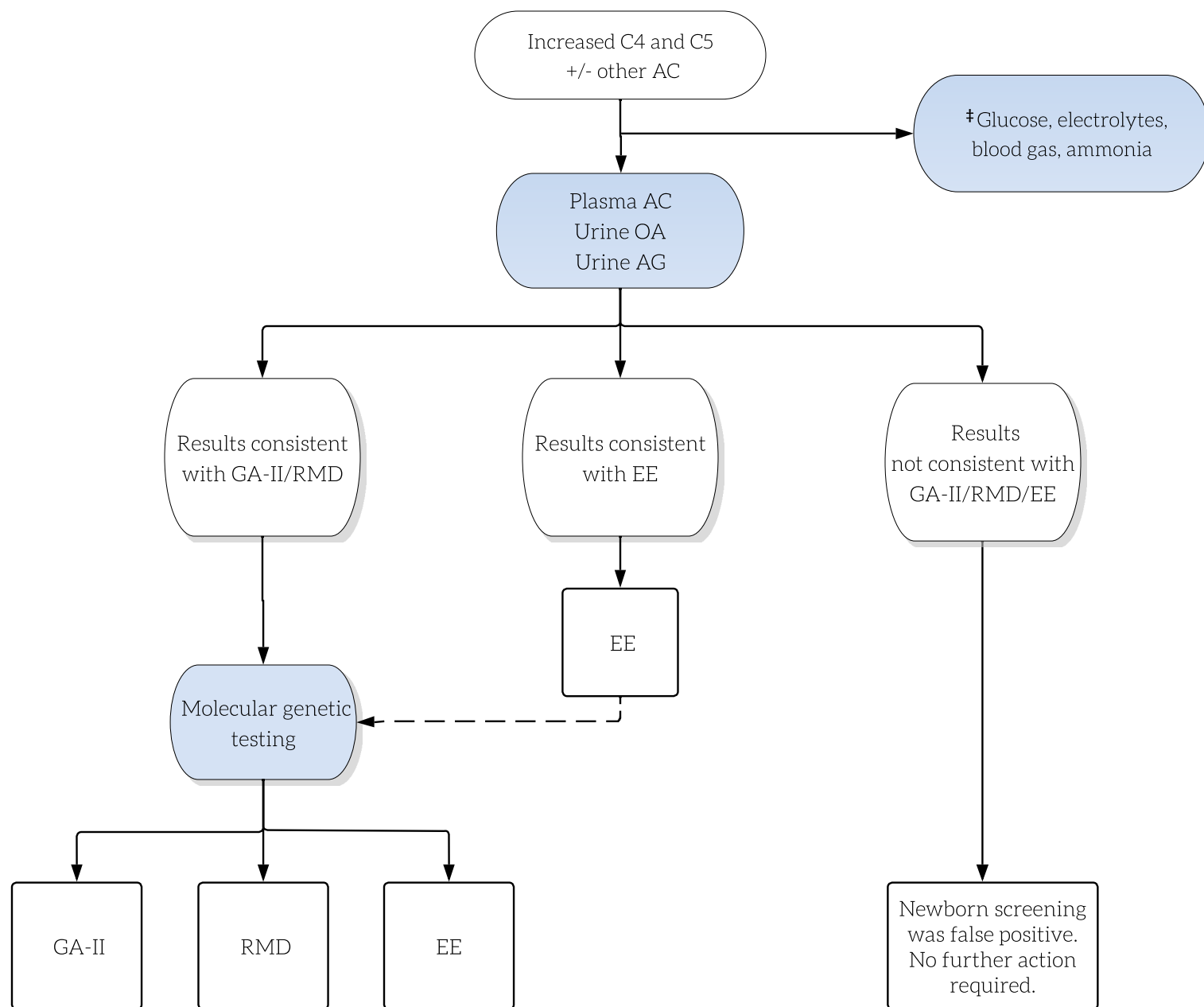


Glutaric Acidemia II (GA-II)/MADD, Riboflavin Metabolism Disorder, Ethylmalonic Encephalopathy: C4 and C5 elevated +/- other elevated acylcarnitines (AC)



Key

- Actions are shown in shaded ovals; results are in the unshaded ovals. Diagnostic outcomes are shown in boxes.
- Dashed line reflects an optional test.
- ‡May be performed locally as a rapid screen to assess severity.

Abbreviations

AC = acylcarnitines
AG = acylglycines
EE = Ethylmalonic encephalopathy
GA-II = Glutaric acidemia Type 2
MADD = Multiple Acyl-CoA dehydrogenase deficiency
OA = organic acids
RMD = Riboflavin metabolism disorder

Disclaimer: This practice resource is designed primarily as an educational resource for medical geneticists and other clinicians to help them provide quality medical services. Adherence to this practice resource is completely voluntary and does not necessarily assure a successful medical outcome. This practice resource should not be considered inclusive of all proper procedures and tests or exclusive of other procedures and tests that are reasonably directed to obtaining the same results. In determining the propriety of any specific procedure or test, the clinician should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen. Clinicians are encouraged to document the reasons for the use of a particular procedure or test, whether or not it is in conformance with this practice resource. Clinicians also are advised to take notice of the date this practice resource was adopted, and to consider other medical and scientific information that becomes available after that date. It also would be prudent to consider whether intellectual property interests may restrict the performance of certain tests and other procedures.