3-Methylcronyl CoA Carboxylase (3-MCC) Deficiency
Ages 0-4 years

Clinic Visits:
- ☑ At least every 6 months

Laboratory studies:
- ☑ At diagnosis:
  - o Acylcarnitine profile
  - o Urine organic acids
  - o Maternal Acylcarnitine profile or urine organic acids
  - o Carboxylase activity (possible skin biopsy)
  - o Carnitine levels
  - o Possible biotinidase activity level
- ☑ Clinic visits:
  - o Carnitine levels

During illness:
- ☑ Call Metabolic Clinic to alert them if your child is sick
  - o Poor feeding, vomiting, and lethargy
- ☑ Give your child glucose gel or polymer solution if needed (or instructed to do so)
- ☑ If your child is not able to keep down glucose containing fluids, you will need to take him or her to the emergency room for IV 10% dextrose (glucose)
- ☑ Be sure to bring Emergency Room letter with you to the hospital
- ☑ Labs during illness include: comprehensive metabolic panel and ammonia
- ☑ Consider medic alert bracelet

Evaluations:
- ☑ Yearly developmental questionnaires to be completed by parents
- ☑ Developmental evaluation at 3 years old

Topics:
- ☑ Biochemistry and genetics of 3-Methylcronyl CoA Carboxylase Deficiency
- ☑ Diet/management
  - o Avoid fasting
  - o Management during illness
  - o Carnitine supplementation

Please make sure your child has clinic visits and levels done on time. Call the metabolic clinic at _____ to make an appointment, schedule a blood draw, or with any other questions. If you urgently need to reach a Metabolic physician, call _____ and ask to page the Metabolic physician on call.

Thank You,
Your Metabolic Team