Lipid Selection in Pediatric Patients Algorithm

Is patient currently on Omegaven® or SMOFlipid® in the outpatient setting?

- Yes
  - Continue Omegaven® or SMOFlipid® while in the inpatient setting

- No
  - Initiate Intralipid®
    - During Intralipid® therapy, is direct bilirubin ≥1 mg/dL and is patient receiving >50% of calories from parenteral nutrition?
      - No
        - Continue Intralipid®
      - Yes
        - Consult Pediatric GI Service for possible alternative lipid emulsion therapy

* Consider the following labs:
  - Prior to starting Omegaven®: complete blood count, prothrombin time (PT), activated partial thromboplastin time (PTT), chemistry, liver function tests (LFTs), gamma-glutamyl transferase (GGT), triglycerides (TGs), direct bilirubin
  - Weekly: CBC, chemistry, LFTs, GGT, TGs, direct bilirubin, (Coags only if clinically indicated for bleeding)

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