

E-TABLE 68-5 SOME COMMON METABOLIC COMPLICATIONS OF PARENTERAL NUTRITION

PN ORDER PROBLEM	METABOLIC OR CLINICAL CONSEQUENCE
Excess kcal, CHO, fat	Abnormal liver function tests
Excess kcal, CHO, fat	Hepatic steatosis
Excess CHO	Hypercapnia
Excess fluid, kcal, CHO, fat	Respiratory insufficiency
Excess amino acids	Azotemia
Excess sodium and fluid	Sodium and fluid retention
Excess CHO, inadequate insulin	Hyperglycemia-mediated immune cell dysfunction, infection
Inadequate or excessive electrolytes	Abnormal blood electrolyte levels
Excess fluid, kcal, sodium, CHO, inadequate electrolytes	Cardiac failure, arrhythmias
Excess CHO, inadequate electrolytes, thiamine	Refeeding syndrome

CHO, Carbohydrate; kcal, calories; PN, parenteral nutrition.

