

**MEMORANDUM**  
**COVID-19 TOTAL PARENTERAL NUTRITION update**

**TO:** Clinical Staff preparing parental nutrition  
**FROM:** Gail Franklin, Advanced Pharmacist in Gastro-enterology & Rheumatology  
**DATE:** 10/04/2020

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NHS England has recommended that the Trust moves to using un-supplemented TPN bags in the event there is a national shortage of supplemented TPN bags during the Covid-19 pandemic.

Braun hold a large stock of the un-supplemented bags, which come under the brand name of "LIPOFLEX". Patients prescribed un-supplemented bags will need to have vitamins (Vitlipid & Solivito) and trace elements (Additrace) prescribed separately. Instructions for the IV administration of these supplements can be found below:

**Instructions for IV administration of supplements when using un-supplemented TPN bags**

**Non renal patients**

10ml Additrace, 1 vial Solivito N plus 10ml Vitlipid N Adult in 0.9% Sodium Chloride or 5% Glucose  
100-500ml. Administer over 2 hours, 7 days a week

**Renal Patients**

10ml Additrace and 1 vial Solivito N in 100ml 5% Glucose and give over 2 hours, 5 days a week  
10ml Additrace, 1 vial Solivito N plus 10ml Vitlipid N Adult in 200ml 5% Glucose and give over 4 hours,  
2 days a week

**At the moment we have a good supply of supplemented bags (Nutriflex) and a back up stock of un-supplemented (Lipoflex)**

**Pharmacy procurement team are closely monitoring stock levels of Nutriflex on a daily basis.**