

Medication Ordering – TPN (Adult)

Purpose

To guide clinicians through the correct process for ordering Adult TPN infusions in Meditech Expanse, ensuring accuracy, safety, and compliance with clinical protocols.

Audience

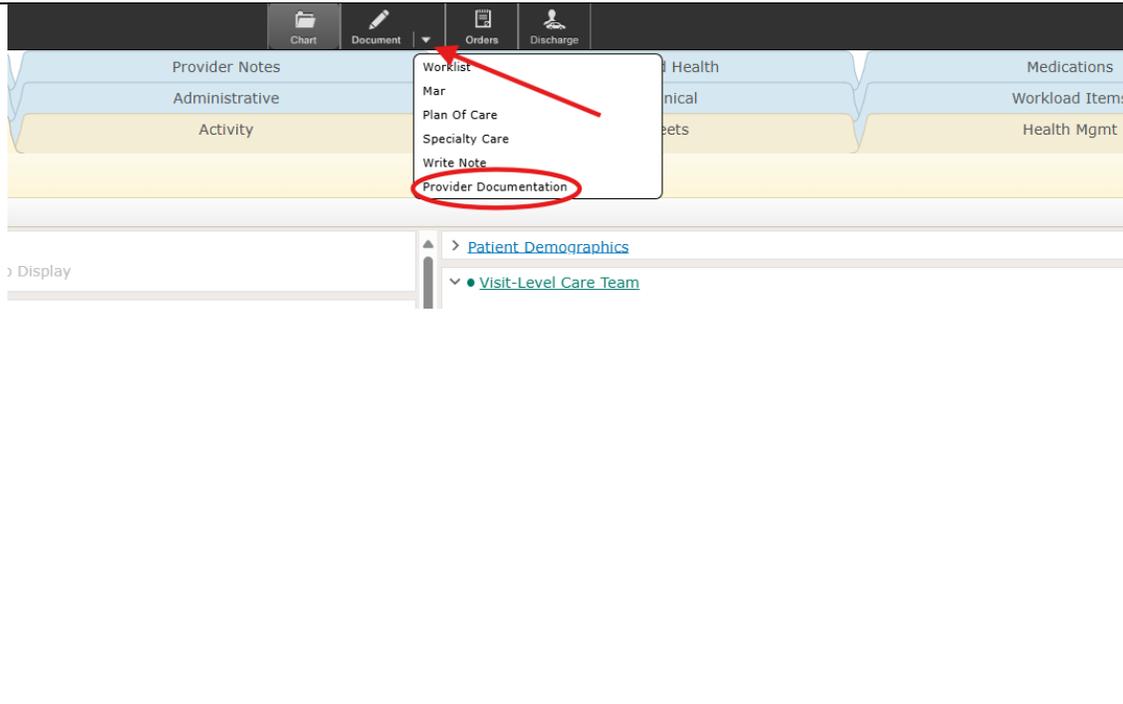
Dietitians, Pharmacist & Resident Doctors

Version Control

Version	Date	Author	Changes Made
1.0	24-Oct-2025	Justin Capati Christopher Meddings Medical Services	Initial draft

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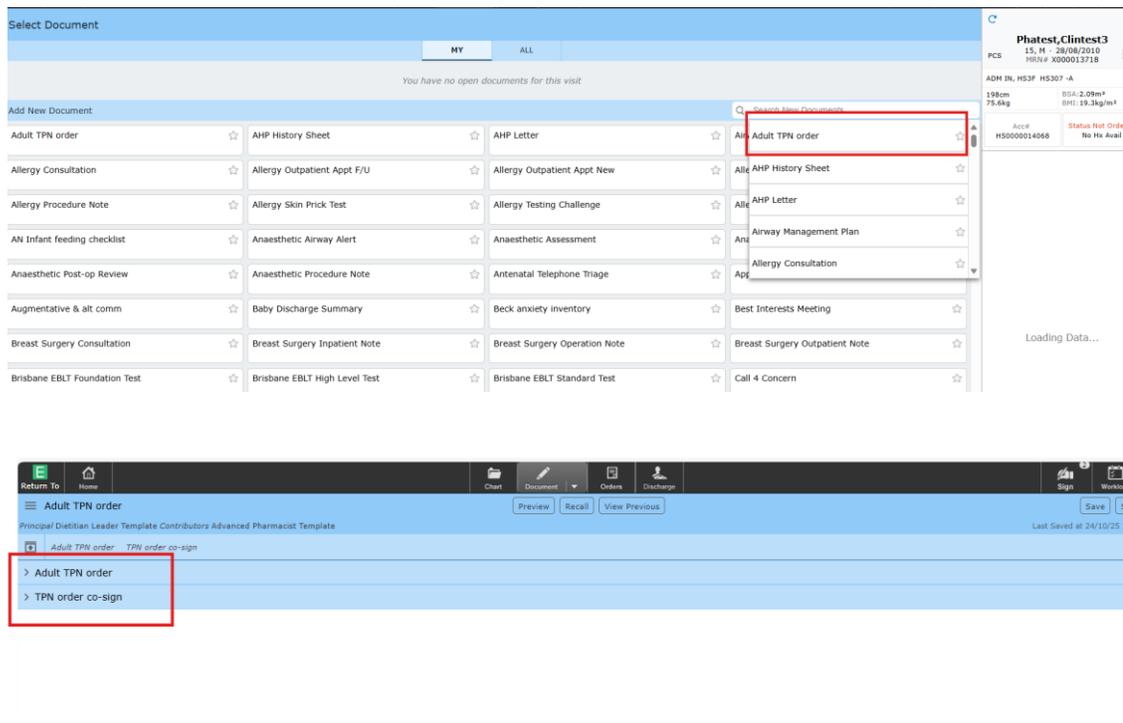
This is a quick reference guide for the TPN ordering process for adult inpatients in Expanse. TPN ordering is always a MDT process.



Complete Adult TPN Order PDOC

An 'Adult TPN order' PDOC must be completed before placing any TPN order.

This document is typically initiated and completed by a dietitian and a pharmacist. This document has been designed to replace the paper TPN chart.



Accessing the document:

Go to patient's chart

Navigate to Document>Provider Documentation

Search for 'Adult TPN Order'

The PDOC contains **two documentation sections**. Click each section to reveal and complete the required fields.

Document Contributors

PHATEST,CLINTEST3 15 M 28/08/2010 Allergy/Adv: peanut protein

Encounter Date/Time

24/10/25 15:44

Contributors

Advanced Pharmacist Template

Dietitian Leader Template

+

Principal

Advanced Pharmacist Template

Dietitian Leader Template

+

Document Specialty

Dietetics and Nutrition

+

Before saving, the **initial contributor** (dietitian/pharmacist) must:

Add all **co-contributors** to the document.

Select Document

MY

ALL

Adult TPN order

ISigned

Principal:Advanced Pharmacist Template
Encounter:24/10/25 15:44



Add New Document

Show All

Search New Documents

Pharmacy Note



Co-contributor will see the **pending document** when they document on the patient's chart.

The **pharmacist/dietitian** must:

Review the document.

Sign the **co-sign section**.

Then fully sign the document.

Adult TPN order

Preview

Recall

View Previous

Principal: Advanced Pharmacist Template Contributors: Dietitian Leader Template

Adult TPN order TPN order co-sign

> Adult TPN order

▼ TPN order co-sign Add Content

▼ TPN co-sign

TPN co-signed by

Pharmacist, Advance

Date signed

24/10/25



Time signed

15:50



Provider Notes

All Activity : All Time : All Subcategories

DATE DOCUMENT PROBLEM STATUS BY SPECIALTY

Today 15:44 Parenteral Nutrition Signed Template, Advanced Pharmacist (+) Dietetics and Nutrition

Provider Notes

PHATEST.CJINTEST3 15 M 26/06/2019 Allergy/Adr: peanut protein

Parenteral Nutrition (Signed)
Template, Advanced Pharmacist (+) - Today 15:44

Parenteral Nutrition (Signed)
Doctor, Expense3 - 01/10/25 11:40

Site: The Harley Street Clinic
Location: HS3F
Consultant: Consultant Template
Date: 24/10/25
Acct: HS0000014988

Patient: PHATEST.CJINTEST3
DOB: 28/08/2010
AgeSex: 15 / M
MRNF: X000013718

Adult TPN order

TPN Assessment
Indication for TPN: test
Goal of TPN: test
Risk of refeeding syndrome: medium
Refeeding precautions taken: thiamine 100mg TDS
Allergies/contraindications: No

IV Line
IV Line Type: Non-Tunnelled Central Venous Access Device (CVAD)
Lumen labelled for TPN: Yes

TPN Parameters
Weight: 75.6 kg
Height: 198 cm
Estimated kcal needs (kcal/day): 2,400
Estimated nitrogen requirements (g/day): 5

Once signed, the PDOC will appear in the patient's chart under **Provider Notes**, labelled as "Parenteral Nutrition".

Review Before Prescribing:

The **doctor (prescriber)** must review the signed PDOC.

It contains key information:

- Recommended TPN product
- Bag volume
- Infusion rate

RD types 'TPN' and the following strings should appear. RD selects appropriate product as per PDOC.

Orders

CURRENT ENTER RECONCILE

Add New Process Orders

Favorites Sort Q TPN

TPN IV INF

TPN Initiation

TPN checklist

TPN (Adult) - Lipoplex Lipid Peri 1266 mL infusion IV INF

TPN (Adult) - Lipoplex Lipid Special 1266 mL infusion IV INF

TPN (Adult) - Lipoplex Lipid Special 1891 mL infusion IV INF

TPN (Adult) - Scratch bag (via ITH) IV INF

Standard vs Scratch Bag:

Non-standard bag: Pharmacist orders via ITH (usual process).

RD can place the order once the scratch bag arrives in pharmacy.

Standard bag: RD can proceed to order directly via **Orders**.

Tick check box to select the infusion

TPN (Adult) - Scratch bag (via ITH) IV INF

Associated Data

Order	Date	Specimen
Adult TPN Order	24/10/25 15:44	
TPN (Adult) - Scratch bag (via ITH)		
TPN bespoke bag (adult) [TPN (ITH) + electrolytes + vitamins bag] IV INF 160.55 mls/hr	Ordered	01/10/25 15:59 - 02/10/25 09:59
TPN (Adult) Scratch Bag (ITH) continuous infusion		
<input type="checkbox"/> 166.667 mls/hr IV INF .Q24H ONE		

Once string is selected, the PDOC is also viewable as an associated order.

TPN (Adult) - Scratch bag (via ITH) IV INF

TPN (Adult) - Scratch bag (via ITH)

TPN bespoke bag (adult) [TPN (ITH) + electrolytes + vitamins bag] IV INF 160.55 mls/hr

Ordered 01/10/25 15:59 - 02/10/25 09:59

TPN bespoke bag (adult) [TPN (ITH) + electrolytes + vitamins bag] IV INF 166.667 mls/hr ONE 24/10/25 15:57 25/10/25 15:56 New

* IV Fluid

TPN Bespoke Bag (Adult) [Tpn (Ith) + Electrolytes + Vitamins Bag] 4,000 ml

* Volume Per Bag

Units

Total Volume 4,000

Unit ml

Titrate Yes No

* Rate 166.667

* Units mls/hr

Duration 24 HR

Infusion Site CENTRAL

* Route IV INF

* Sch ONE

* Start Date Today

* Start Time 15:57

Stop Date Sat Oct 25

Stop Time 15:56

Notify Add/View

Expand the order details by clicking the >chevron

Orders

CURRENT ENTER RECONCILE

Submit 1

Add New Process Orders

TPN (Adult) - Scratch bag (via ITH) IV INF

TPN (Adult) - Scratch bag (via ITH)

TPN bespoke bag (adult) [TPN (ITH) + electrolytes + vitamins bag] IV INF 160.55 mls/hr

Ordered 01/10/25 15:59 - 02/10/25 09:59

TPN bespoke bag (adult) [TPN (ITH) + electrolytes + vitamins bag] IV INF 125 mls/hr ONE 24/10/25 15:57 25/10/25 15:07 New

* IV Fluid

TPN Bespoke Bag (Adult) [Tpn (Ith) + Electrolytes + Vitamins Bag] 2,896 ml

* Volume Per Bag

Units

Total Volume 2,896

Unit ml

Titrate Yes No

* Rate 125

* Units mls/hr

Duration 23 HR 11 MIN

Infusion Site CENTRAL

* Route IV INF

* Sch ONE

* Start Date Today

* Start Time 15:57

Stop Date Sat Oct 25

Stop Time 15:07

Notify Add/View

Adjust the volume and rate according to the PDOC.

Submit Order.