Abdomen open?

Patient malnourished on admission or a history of being unwell for 3-4 days prior to admission?5

No

Yes

No

Is the gastrointestinal tract functional?

Yes

Start EN according to ESPEN EN surgical guidelines12

Likely to tolerate enterally in 3 days?3

Yes

No

Tolerating > 60% of requirements enterally after 2 days?3,12

Start PN according to ESPEN PN surgical guidelines3

Yes

No

Assess daily to start enteral feeding

Start supplementary PN3,12

Yes

No

Gastrointestinal tract function improving?

Patient able to take orally?

Gastrointestinal function improved?

Yes

No

Continue EN

No

Yes

Initiate EN and wean PN6

Yes

No

Introduce ward diet and oral supplements

Optimise nutrition support to provide sufficient protein, energy and micronutrients

Consider weaning EN/nocturnal feeds once tolerating > 60% of requirements for 48 hours6

Protein

25-35 kCal/kg NPE5

*Basic requirements:*

1.5-2.5 g/kg5

Consider additional micronutrient supplementation2

Assess abdominal and fistula losses

Add

*Abdominal:* 29 g/l5

*Fistula losses:* 2 g/l5

Continuous follow-up and monitoring of anthropometry, clinical signs, intake and output, biochemistry and the initiation of EN/oral if still on PN